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LAMPIRAN***Lampiran 1 (Source Code)***config/fileConfig.js

```

const multer = require('multer')
const fileStorage = multer.diskStorage({
  destination : (req, file, cb) => {
    cb(null, 'public/docs')
  },
  filename : (req, file, cb) => {
    cb(null, new Date().getTime() + '-' + file.originalname)
  }
})
const fileStorageRes = multer.diskStorage({
  destination : (req, file, cb) => {
    cb(null, 'public/result')
  },
  filename : (req, file, cb) => {
    cb(null, new Date().getTime() + '-' + file.originalname)
  }
})

const fileFilter = (req, file, cb) => {
  // console.log(file.mimetype)
  if (file.mimetype == 'application/pdf') cb(null, true)
  else cb(null, false)
}

module.exports = {
  fileStorage,
  fileStorageRes,
  fileFilter
}

```

-controllers/adminController.js

```

require('../utils/db')
const jwt = require('jsonwebtoken')
const {User, createPassword} = require('../models/user')
const {File} = require('../models/files')

```

```

const admin = async (req, res) => {
  const allUser = await User.find()
  const allFile = await File.find()
  // res.send(allUser)
  res.render('../views/admin-page', {
    layout : 'main',
    user : req.session.userName,
    allUser : allUser,
    allFile : allFile,
    errorsUser : req.flash('errors-add-user'),

```

```

        successUser : req.flash('success-add-user'),
        errorsFile : req.flash('errors-add-file'),
        successFile : req.flash('success-add-file'),
    })
}

const addUser = async (req, res) => {
    const nim = req.body.nim
    const userName = req.body.name
    const password = req.body.password
    const newUser = await new User({
        uid : nim,
        name : userName,
        password : createPassword(password)
    })
    newUser.save()
    req.flash('success-add-user', 'New User Has Been Added')
    return res.redirect('/admin')
}

const updateUser = async (req, res) => {
    const name = req.body.name
    const uid = req.body.nim
    // const user = await User.findOne({uid : uid})

    await User.updateOne({
        uid : uid
    },
    {
        $set : {
            uid : uid,
            name : name,
        }
    })

    req.flash('success-add-user', 'User Has Been Updated')
    return res.redirect('/admin')
}

const updateUserByUser = async (req, res) => {
    const name = req.body.name
    const uid = req.body.nim
    const password = req.body.password
    // return res.send(req.body)
    // const user = await User.findOne({uid : uid})
    const update = {
        uid : uid,
        name : name,
    }
    if (password.length !== 0) update.password =
    createPassword(password)
}

```

```

    await User.updateOne({
      _id : req.body._id
    },
    {
      $set : update
    })

    const newUserUpdate = await User.findOne({_id : req.body._id})
    req.session.details = newUserUpdate

    req.flash('success-update-user', 'User Has Been Updated')
    return res.redirect('/')
  }

const deleteUser = async (req, res) => {
  // return res.send(req.body)
  const id = req.body.id
  const name = req.body.name
  await User.deleteOne({_id : id})
  req.flash('success-add-user', `User ${name} Has Been Deleted`)
  return res.redirect('/admin')
}

const paginationUser = async (req, res) => {
  const {limit : lim, pages} = req.query
  const {limit, offset} = getPagination(pages, lim)

  const data = await User.paginate({}, {offset, limit})
  const result = {
    totalItems : data.totalDocs,
    data : data.docs,
    totalPages : data.totalPages,
    currentPage : data.page - 1,
  }
  return res.send(result)
}

const allUser = async (req, res) => {
  const allUser = await User.find({}, {_id : 1, name : 1})

  return res.send(allUser)
}

const paginationFile = async (req, res) => {
  let data
  const {limit : lim, pages} = req.query
  const {limit, offset} = getPagination(pages, lim)

  const token = req.cookies['x-access-token']
  const dataUser = jwt.verify(token, process.env.SECRET_KEY)

```

```

    // console.log(dataUser.data)
    if (dataUser.data.uid === '030400') data = await
File.paginate({}, {offset, limit})
    else data = await File.paginate({uploader : dataUser.data._id},
{offset, limit})

    const result = {
        totalItems : data.totalDocs,
        data : data.docs,
        totalPages : data.totalPages,
        currentPage : data.page - 1,
    }
    return res.send(result)
}

const getPagination = (page, size) => {
    const limit = size ? +size : 3
    const offset = page ? page * limit : 0
    return { limit, offset }
}

module.exports = {
    admin,
    addUser,
    updateUser,
    deleteUser,
    updateUserByUser,
    paginationUser,
    paginationFile,
    allUser
}

controllers/fileController.js
require('dotenv').config()
const pdfParse = require('pdf-parse')
const {File, sanitizePdf} = require('../models/files')
const {promisify} = require('util')
const fs = require('fs')
const { User } = require('../models/user')
const jwt = require('jsonwebtoken')

const allChar = ["-", " ", ""]

const unlink = promisify(fs.unlink)

const uploadPdf = async (req, res) => {
    const location =
`${req.file.destination}/${req.file.filename}`
    const text = (await pdfParse(location)).text

```

```

const result = sanitizePdf(text)
const token = req.cookies['x-access-token']
const data = jwt.verify(token, process.env.SECRET_KEY)

const newFile = new File({
  name : req.body.title,
  fileName : req.file.filename,
  uploader : data.data._id,
  text : result,
})

await newFile.save()
req.flash('success-add-file', 'File Has Been Added')
if (req.session.userName !== 'Admin') return res.redirect('/')
return res.redirect('/admin')
}

const deletePdf = async (req, res) => {
  // res.send(req.body)
  const id = req.body.id
  const oldFile = await File.findOne({_id : id})
  // return res.send(oldFile.fileName)
  fs.unlink(`public/docs/${oldFile.fileName}`, async(err) => {
    await File.deleteOne({_id : id})
    req.flash('success-add-file', 'File Has Been Deleted')
    return res.redirect('/admin')
  })
}

const resultNone = async (req, res) => {
  const allUser = await User.find({}, {_id : 1, name : 1})
  const allFile = await File.find({}, {name : 1, text : 1,
uploader : 1, fileName : 1})

  const location = req.files['upload-res']
  const text = (await pdfParse(location)).text
  const resultText = sanitizePdf(text)
  // console.log(resultText)
  const dataFile = {
    name : req.files['upload-res'].name,
    char : text.length,
    word : text.split(' ').length,
    size : req.files['upload-res'].size,
  }

  const result = {
    fileUpload : dataFile,
    data : resultText,
    user : allUser,
    file : allFile,
  }
}

```

```

    res.send(result)
  }

const result = async (req, res) => {
  const allUser = await User.find({}, {_id : 1, name : 1})
  const allFile = await File.find({}, {name : 1, text : 1,
uploader : 1, fileName : 1})
  let result
  if (req.body.text !== '') {
    result = sanitizePdf(req.body.text)
  } else {
    const location = req.file.path
    const text = (await pdfParse(location)).text
    result = sanitizePdf(text)
  }

  let allData = {}

  const retirve = {
    fileInformation : req.file,
    resultAll : [],
  }

  retirve.fileInformation.length = separator(result.length)
  retirve.fileInformation.word = separator(result.split('
').length)

  addDict(result, allData)
  allFile.forEach(files => {
    addDict(files.text, allData)
  })

  for (const prop in allData) {
    if (result.split(' ').includes(prop)) {
      let index = 0
      result.split(' ').forEach(x => {
        if (prop === x) index += 1
      })
      allData[prop]["s"] = index
    } else {
      allData[prop]["s"] = 0
    }
  }

  allFile.forEach((e, i) => {
    if (e.text.split(' ').includes(prop)) {
      let index = 0
      e.text.split(' ').forEach(x => {
        if (prop === x) index += 1
      })
      allData[prop]["s" + (i + 1)] = index
    } else {

```

```

        allData[prop]["s" + (i + 1)] = 0
      }
    })
  }

  const objectData = Object.keys(allData)[0]
  const varObject = Object.keys(allData[objectData])
  varObject.shift()

  varObject.forEach((e, i) => {
    allFile[i].text = ''
    let aTimesB = 0
    let aa = 0
    let bb = 0

    Object.keys(allData).forEach(f => {
      aTimesB += allData[f]['s'] * allData[f][e]
      aa += allData[f]['s'] * allData[f]['s']
      bb += allData[f][e] * allData[f][e]
    })

    const resultSimilarity = (2 * aTimesB) / (aa + bb)
    // console.log(`Similarity Data ${i + 1} Is
    ${Math.round(resultSimilarity * 100)} %`)
    const resForRetervie = {
      file : allFile[i],
      result : Math.round(resultSimilarity * 100)
    }
    retirve.resultAll.push(resForRetervie)

  })

  retirve.resultAll.sort((a, b) => (a.result < b.result) ? 1 : -
1)

  let resultPlag = 0
  retirve.resultAll.forEach(e => {
    resultPlag += e.result
  })
  retirve.plag = Math.round(resultPlag /
retirve.resultAll.length)
  retirve.resultAll = retirve.resultAll.filter(file => {
    return file.result > 50
  })

  await unlink(location)

```

```

    res.render('../views/result-page', {
      layout : 'main',
      user : allUser,
      result : retire
    })
  }

function addDict(datax, to) {
  datax.toLowerCase().split(' ').forEach(e => {
    e.trim()
    if (!to.hasOwnProperty(e)) to[e] = {}
  })
}

function separator(num) {
  var str = num.toString().split('.');
  str[0] = str[0].replace(/B(?=(\d{3})+(?!\d))/g, '.');
  return str.join('.');
}

module.exports = {
  uploadPdf,
  deletePdf,
  result,
  resultNone,
}

controllers/homeController.js


---


const { File } = require('../models/files')
const jwt = require('jsonwebtoken')
require('dotenv').config()

require('../utils/db')

const home = async (req, res) => {
  let user, fileUser
  const token = req.cookies['x-access-token']
  if (token) user = jwt.verify(token, process.env.SECRET_KEY)
  if (user?.data?._id) fileUser = await File.find({uploader :
user?.data?._id})
  res.render('../views/home-page', {
    layout : 'main',
    user : user?.data?.name,
    details : user?.data,
    errorsUpdate : req.flash('errors-update-user'),
    successUpdate : req.flash('success-update-user'),
    errorsFile : req.flash('errors-add-file'),
    successFile : req.flash('success-add-file'),
    file : fileUser
  })
}

```

```

}

module.exports = {
  home
}

-controllers/loginController.js
require('dotenv').config()
const {User, verifyPassword, createPassword} =
require('../models/user')
const jwt = require('jsonwebtoken')
require('../utils/db')

const loginView = (req, res) => {
  return res.render('../views/login-page', {
    layout : 'main',
    errors : req.flash('errors'),
  })
}

const loginAuth = async(req, res) => {
  const nim = req.body.nim
  const password = req.body.password

  if (nim === '030400' && password == '1234') {
    let admin = await User.findOne({uid : '030400'})
    if (!admin) {
      const newAdmin = new User({
        uid : '030400',
        name : 'admin',
        password : createPassword('1234')
      })
      await newAdmin.save()
      admin = await User.findOne({uid : '030400'})
    }
    req.session.userName = 'Admin'
    req.session._id = admin._id
    const token = jwt.sign({data : admin},
process.env.SECRET_KEY)
    res.cookie('x-access-token', token)
    return res.redirect('/admin')
  }

  const userLog = await User.findOne({
    uid : nim
  })

  if (!userLog) {
    req.flash('errors', 'errors')
    return res.redirect('/login')
  }
}

```

```

    let passwordVerify = await verifyPassword(password,
userLog.password)

    if (passwordVerify) {
        const token = jwt.sign({data : userLog},
process.env.SECRET_KEY)
        res.cookie('x-access-token', token)
        return res.redirect('/')
    }
    req.flash('errors', 'errors')
    return res.redirect('/login')
}

const logout = (req, res) => {
    req.session.destroy(error => {
        res.clearCookie('x-access-token')
        res.redirect('/login')
    })
}

module.exports = {
    loginView,
    loginAuth,
    logout,
}

```

middleware/admin.js

```

require('dotenv').config()
const jwt = require('jsonwebtoken')

const adminVerify = (req, res, next) => {
    const token = req.cookies['x-access-token']
    if (!token) return res.redirect('/')
    const data = jwt.verify(token, process.env.SECRET_KEY)
    if (data.data.uid === '030400') return next()
    return res.redirect('/')
}

module.exports = {
    adminVerify
}

-middleware/file.js
const {check, validationResult} = require('express-validator')
const fs = require('fs')

const toAddFile = [
    check('title').isLength({min : 4}),
    (req, res, next) => {
        const errors = validationResult(req)

```

```

        if (errors.isEmpty()) return next()
        req.flash('errors-add-file', 'Failed to Add New File')
        if (typeof req.file === 'undefined') {
            return res.redirect('/admin')
        }
        fs.unlink(`public/docs/${req.file.filename}`, (error) => {
            return res.redirect('/admin')
        })
    }
}

module.exports = {
    toAddFile
}

-middlewares/user.js
require('dotenv').config()
const jwt = require('jsonwebtoken')
const {check, validationResult} = require('express-validator')
const {User} = require('../models/user')

const toLogin = [
    [
        check('nim').isLength({min : 10}),
        check('password').isLength({min : 5}),
        (req, res, next) => {
            const errors = validationResult(req)
            if (errors.isEmpty()) return next()
            if (errors.array()[0].value === '030400' &&
errors.array()[0].param === 'nim') return next()
            req.flash('errors', 'Your Nim or Password is Wrong')
            return res.redirect('/login')
        }
    ],
]

const toAddUser = [
    check('nim').isLength({min : 4}).custom(async (value) => {
        const isNimExist = await User.findOne({uid : value})
        if (isNimExist) throw new Error('NIM is Already exist')
        return true
    }),
    check('name').isLength({min : 4}),
    check('password').isLength({min : 5}),
    (req, res, next) => {
        const errors = validationResult(req)
        if (errors.isEmpty()) return next()
        req.flash('errors-add-user', 'Failed to Add New User')
        return res.redirect('/admin')
    }
]

```

```

const toUpdateUser = [
  check('name').isLength({min : 4}),
  // check('nim').isLength({min : 4}).custom(async value => {
  //   const isNimExist = await User.findOne({uid : value})
  //   if (isNimExist) throw new Error('NIM is Already exist')
  //   return true
  // }),
  (req, res, next) => {
    const errors = validationResult(req)
    if (errors.isEmpty()) return next()
    req.flash('errors-add-user', 'Failed to Update User')
    return res.redirect('/admin')
  }
]

const toUpdateUserByUser = [
  check('nim').isLength({min : 4}).custom(async (value, {req}) => {
    const id = req.body._id
    const isNimExist = await User.findOne({uid : value})
    if (isNimExist && isNimExist._id.toHexString().slice(0, 23)
    !== id.slice(0, 23)) throw new Error('NIM is Already exist')
    return true
  }),
  check('name').isLength({min : 4}),
  check('password').custom((val) => {
    if (val.length !== 0 && val.length < 5) throw new
Error('Minimum Password Length is 4')
    return true
  }),
  (req, res, next) => {
    const errors = validationResult(req)
    if (errors.isEmpty()) return next()
    req.flash('errors-update-user', 'Failed to Update User')
    return res.redirect('/')
  }
]

const verifyToken = (req, res, next) => {
  const token = req.cookies['x-access-token']
  // if (!token) res.redirect('/')
  console.log(jwt.verify(token, process.env.SECRET_KEY))
  next()
}

module.exports = {
  toLogin,
  toAddUser,
  toUpdateUser,

```

```

    toUpdateUserByUser,
    verifyToken,
  }

```

models/admin.js

```
require('../utils/db')
```

```
const { User, createPassword } = require('../models/user')
```

```
const admin = new User({
  name : 'Admin',
  uid : '030400',
  password : createPassword('1234')
})
```

```
console.log(admin)
```

```
admin.save()
```

-models/files.js

```
require('../utils/db')
```

```
const mongoose = require('mongoose')
```

```
const mongoosePaginate = require('mongoose-paginate-v2');
```

```
const {stopWord} = require('../utils/stopWord')
```

```
const {userSchema} = require('../models/user')
```

```
const sastrawi = require('sastrawijs')
```

```
const allChar = ["-", " ", ""]
```

```
const stemmer = new sastrawi.Stemmer()
```

```
const tokenizer = new sastrawi.Tokenizer()
```

```
const fileSchema = new mongoose.Schema({
  name : {
    type : String,
    required : true,
  },
  fileName : {
    type : String,
    required : true
  },
  uploader : {
    type : String,
    required : true
  },
  text : {
    type : String,
    required : true,
  },
})
```

```
fileSchema.plugin(mongoosePaginate)
```

```

const File = mongoose.model('File', fileSchema)

const sanitizePdf2 = (text) => {
  const textFix = text.toLowerCase().replace(/^[a-z0-9 ]/gi, ' ')
  const newData = []
  // remove Stopword
  textFix.toLowerCase().split(' ').forEach(e => {
    e.trim()
    if (e.length > 2 && !stopWord.includes(e) &&
!allChar.includes(e)) newData.push(e)
  })
  return newData.join(' ')
}

const sanitizePdf = (text) => {
  const textFix = tokenizer.tokenize(text)
  const newData = []
  textFix.forEach(e => {
    // e.trim()
    if (e.length > 2 && !stopWord.includes(e))
newData.push(stemmer.stem(e))
  })
  return newData.join(' ')
}

module.exports = {
  File,
  sanitizePdf
}

```

models/user.js

```

const mongoose = require('mongoose')
const mongoosePaginate = require('mongoose-paginate-v2');
const bcrypt = require('bcryptjs')

require('../utils/db')

const userSchema = new mongoose.Schema( {
  name : {
    type : String,
    required : true,
  },
  uid : {
    type : String,
    required : true,
  },
  password : {
    type : String,
    required : true,
  },
})
userSchema.plugin(mongoosePaginate)

```

```

const User = mongoose.model('User', userSchema )

const salt = bcrypt.genSaltSync(10)

const verifyPassword = (password, h) => {
  return bcrypt.compare(password, h)
}

const createPassword = (password) => {
  return bcrypt.hashSync(password, salt)
}

module.exports = {
  User,
  userSchema,
  verifyPassword,
  createPassword
}

```

routes/activity.js

```

const express = require('express')
const multer = require('multer')
const fileUpload = require('express-fileupload')

const {home} = require('../controllers/homeController')
const {loginView, loginAuth, logout} =
require('../controllers/loginController')
const {admin, addUser, deleteUser, updateUser, updateUserByUser,
pagination, paginationUser, paginationFile, allUser} =
require('../controllers/adminController')
const {uploadPdf, deletePdf, result, resultNone} =
require('../controllers/fileController')

const {toLogin, toAddUser, toUpdateUser, toUpdateUserByUser,
verifyToken} = require('../middleware/user')
const {adminVerify} = require('../middleware/admin')
const { toAddFile } = require('../middleware/file')
const { fileStorage, fileFilter, fileStorageRes } =
require('../config/fileConfig')

const uploadFile = multer({
  storage : fileStorage,
  fileFilter : fileFilter
}).single('upload')

const uploadFileRes = multer({
  storage : fileStorageRes,
  fileFilter : fileFilter
}).single('upload-res')

const router = express.Router()

```

```

router.get('/', home)
router.post('/result', uploadFileRes, result)
router.post('/result-none', fileUpload(), resultNone)
router.put('/user', toUpdateUserByUser, updateUserByUser)

router.get('/login', loginView)
router.post('/login', toLogin, loginAuth)
router.get('/logout', logout)

router.post('/pdf', uploadFile, toAddFile, uploadPdf)
router.delete('/pdf', deletePdf)

router.get('/user', paginationUser)
router.get('/file', paginationFile)
router.get('/all-user', allUser)

router.use(adminVerify)
router.get('/admin', admin)
router.post('/admin-user', toAddUser, addUser)
router.put('/admin-user', toUpdateUser, updateUser)
router.delete('/admin-user', deleteUser)

```

```
module.exports = router
```

```
utils/db.js
```

```

require('dotenv').config()
const mongoose = require('mongoose')
const URI = process.env.MONGODB_URL
const DB = 'latihan'

mongoose.connect(URI, {
  // mongoose.connect(`${URI}/${DB}`, {
    useNewUrlParser : true,
    useUnifiedTopology : true,
  })

```

```
utils/stopWord.js
```

```

const stopWord = ["ada", "adalah", "adanya", "adapun", "agak",
"agaknya", "agar", "akan", "akankah", "akhir", "akhiri",
"akhirnya", "aku", "akulah", "amat", "amatlah", "anda", "andalah",
"antar", "antara", "antaranya", "apa", "apaan", "apabila",
"apakah", "apalagi", "apatah", "artinya", "asal", "asalkan",
"atas", "atau", "ataukah", "ataupun", "awal", "awalnya", "bagai",
"bagaikan", "bagaimana", "bagaimanakah", "bagaimanapun", "bagi",
"bagian", "bahkan", "bahwa", "bahwasanya", "baik", "bakal",
"bakalan", "balik", "banyak", "bapak", "baru", "bawah", "beberapa",
"begini", "beginian", "beginikah", "beginilah", "begitu",
"begitukah", "begitulah", "begitupun", "bekerja", "belakang",

```

"belakangan", "belum", "belumlah", "benar", "benarkah", "benarlah",
 "berada", "berakhir", "berakhirilah", "berakhirnya", "berapa",
 "berapakah", "berapalah", "berapapun", "berarti", "berawal",
 "berbagai", "berdatangan", "beri", "berikan", "berikut",
 "berikutnya", "berjumlah", "berkali-kali", "berkata",
 "berkehendak", "berkeinginan", "berkenaan", "berlainan", "berlalu",
 "berlangsung", "berlebihan", "bermacam", "bermacam-macam",
 "bermaksud", "bermula", "bersama", "bersama-sama", "bersiap",
 "bersiap-siap", "bertanya", "bertanya-tanya", "berturut",
 "berturut-turut", "bertutur", "berujar", "berupa", "besar",
 "betul", "betulkah", "biasa", "biasanya", "bila", "bilakah",
 "bisa", "bisakah", "boleh", "bolehkah", "bolehlah", "buat",
 "bukan", "bukankah", "bukanlah", "bukannya", "bulan", "bung",
 "cara", "caranya", "cukup", "cukupkah", "cukuplah", "cuma",
 "dahulu", "dalam", "dan", "dapat", "dari", "daripada", "datang",
 "dekat", "demi", "demikian", "demikianlah", "dengan", "depan",
 "di", "dia", "diakhiri", "diakhirinya", "dialah", "diantara",
 "diantaranya", "diberi", "diberikan", "diberikannya", "dibuat",
 "dibuatnya", "didapat", "didatangkan", "digunakan", "diibaratkan",
 "diibaratkannya", "diingat", "diingatkan", "diinginkan", "dijawab",
 "dijelaskan", "dijelaskannya", "dikarenakan", "dikatakan",
 "dikatakannya", "dikerjakan", "diketahui", "diketahuinya",
 "dikira", "dilakukan", "dilalui", "dilihat", "dimaksud",
 "dimaksudkan", "dimaksudkannya", "dimaksudnya", "diminta",
 "dimintai", "dimisalkan", "dimulai", "dimulailah", "dimulainya",
 "dimungkinkan", "dini", "dipastikan", "diperbuat", "diperbuatnya",
 "dipergunakan", "diperkirakan", "diperlihatkan", "diperlukan",
 "diperlukannya", "dipersoalkan", "dipertanyakan", "dipunyai",
 "diri", "dirinya", "disampaikan", "disebut", "disebutkan",
 "disebutkannya", "disini", "disinilah", "ditambahkan",
 "ditandaskan", "ditanya", "ditanyai", "ditanyakan", "ditegaskan",
 "ditunjukan", "ditunjuk", "ditunjuki", "ditunjukkan",
 "ditunjukkannya", "ditunjuknya", "dituturkan", "dituturkannya",
 "diucapkan", "diucapkannya", "diungkapkan", "dong", "dua", "dulu",
 "empat", "enggak", "enggaknya", "entah", "entahlah", "guna",
 "gunakan", "hal", "hampir", "hanya", "hanyalah", "hari", "harus",
 "haruslah", "harusnya", "hendak", "hendaklah", "hendaknya",
 "hingga", "ia", "ialah", "ibarat", "ibaratkan", "ibaratnya", "ibu",
 "ikut", "ingat", "ingat-ingat", "ingin", "inginkah", "inginkan",
 "ini", "inikah", "inilah", "itu", "itukah", "itulah", "jadi",
 "jadilah", "jadinya", "jangan", "jangankan", "janganlah", "jauh",
 "jawab", "jawaban", "jawabnya", "jelas", "jelaskan", "jelaslah",
 "jelasnya", "jika", "jikalau", "juga", "jumlah", "jumlahnya",
 "justru", "kala", "kalau", "kalaulah", "kalaupun", "kalian",
 "kami", "kamilah", "kamu", "kamulah", "kan", "kapan", "kapankah",
 "kapanpun", "karena", "karenanya", "kasus", "kata", "katakan",
 "katakanlah", "katanya", "ke", "keadaan", "kebetulan", "kecil",
 "kedua", "keduanya", "keinginan", "kelamaan", "kelihatan",
 "kelihatannya", "kelima", "keluar", "kembali", "kemudian",
 "kemungkinan", "kemungkinannya", "kenapa", "kepada", "kepadanya",
 "kesampaian", "keseluruhan", "keseluruhannya", "keterlaluhan",

"ketika", "khususnya", "kini", "kinilah", "kira", "kira-kira", "kiranya", "kita", "kitalah", "kok", "kurang", "lagi", "lagian", "lah", "lain", "lainnya", "lalu", "lama", "lamanya", "lanjut", "lanjutnya", "lebih", "lewat", "lima", "luar", "macam", "maka", "makanya", "makin", "malah", "malahan", "mampu", "mampukah", "mana", "manakala", "manalagi", "masa", "masalah", "masalahnya", "masih", "masihkah", "masing", "masing-masing", "mau", "maupun", "melainkan", "melakukan", "melalui", "melihat", "melihatnya", "memang", "memastikan", "memberi", "memberikan", "membuat", "memerlukan", "memihak", "meminta", "memintakan", "memisalkan", "memperbuat", "mempergunakan", "memperkirakan", "memperlihatkan", "mempersiapkan", "mempersoalkan", "mempertanyakan", "mempunyai", "memulai", "memungkinkan", "menaiki", "menambahkan", "menandaskan", "menanti", "menanti-nanti", "menantikan", "menanya", "menanyai", "menanyakan", "mendapat", "mendapatkan", "mendatang", "mendatangi", "mendatangkan", "menegaskan", "mengakhiri", "mengapa", "mengatakan", "mengatakannya", "mengenai", "mengerjakan", "mengetahui", "menggunakan", "menghendaki", "mengibaratkan", "mengibaratkannya", "mengingat", "mengingatkan", "menginginkan", "mengira", "mengucapkan", "mengucapkannya", "mengungkapkan", "menjadi", "menjawab", "menjelaskan", "menuju", "menunjuk", "menunjuki", "menunjukkan", "menunjuknya", "menurut", "menuturkan", "menyampaikan", "menyangkut", "menyatakan", "menyebutkan", "menyeluruh", "menyiapkan", "merasa", "mereka", "merekalah", "merupakan", "meski", "meskipun", "meyakini", "meyakinkan", "minta", "mirip", "misal", "misalkan", "misalnya", "mula", "mulai", "mulailah", "mulanya", "mungkin", "mungkinkah", "nah", "naik", "namun", "nanti", "nantinya", "nyaris", "nyatanya", "oleh", "olehnya", "pada", "padahal", "padanya", "pak", "paling", "panjang", "pantas", "para", "pasti", "pastilah", "penting", "pentingnya", "per", "percuma", "perlu", "perlukah", "perlunya", "pernah", "persoalan", "pertama", "pertama-tama", "pertanyaan", "pertanyakan", "pihak", "pihaknya", "pukul", "pula", "pun", "punya", "rasa", "rasanya", "rata", "rupanya", "saat", "saatnya", "saja", "sajalah", "saling", "sama", "sama-sama", "sambil", "sampai", "sampai-sampai", "sampaikan", "sana", "sangat", "sangatlah", "satu", "saya", "sayalah", "se", "sebab", "sebabnya", "sebagai", "sebagaimana", "sebagainya", "sebagian", "sebaik", "sebaik-baiknya", "sebaiknya", "sebaliknya", "sebanyak", "sebegini", "sebegini", "sebelum", "sebelumnya", "sebenarnya", "seberapa", "sebesar", "sebetulnya", "sebisanya", "sebuah", "sebut", "sebutlah", "sebutnya", "secara", "secukupnya", "sedang", "sedangkan", "sedemikian", "sedikit", "sedikitnya", "seenaknya", "segala", "segalanya", "segera", "seharusnya", "sehingga", "seingat", "sejak", "sejauh", "sejenak", "sejumlah", "sekadar", "sekadarnya", "sekali", "sekali-kali", "sekalian", "sekaligus", "sekalipun", "sekarang", "sekarang", "sekecil", "seketika", "sekiranya", "sekitar", "sekitarnya", "sekurang-kurangnya", "sekurangnya", "sela", "selain", "selaku", "selalu", "selama", "selama-lamanya", "selamanya", "selanjutnya", "seluruh", "seluruhnya", "semacam", "semakin", "semampu", "semampunya",

```

"semasa", "semasih", "semata", "semata-mata", "semaunya",
"sementara", "semisal", "semisalnya", "sempat", "semua",
"semuanya", "semula", "sendiri", "sendirian", "sendirinya",
"seolah", "seolah-olah", "seorang", "sepanjang", "sepantasnya",
"sepantasnyalah", "seperlunya", "seperti", "sepertinya", "sepihak",
"sering", "seringnya", "serta", "serupa", "sesaat", "sesama",
"sesampai", "sesegera", "sesekali", "seseorang", "sesuatu",
"sesuatunya", "sesudah", "sesudahnya", "setelah", "setempat",
"setengah", "seterusnya", "setiap", "setiba", "setibanya",
"setidak-tidaknya", "setidaknya", "setinggi", "seusai", "sewaktu",
"siap", "siapa", "siapakah", "siapapun", "sini", "sinilah", "soal",
"soalnya", "suatu", "sudah", "sudahkah", "sudahlah", "supaya",
"tadi", "tadinya", "tahu", "tahun", "tak", "tambah", "tambahnya",
"tampak", "tampaknya", "tandas", "tandasnya", "tanpa", "tanya",
"tanyakan", "tanyanya", "tapi", "tegas", "tegasnya", "telah",
"tempat", "tengah", "tentang", "tentu", "tentulah", "tentunya",
"tepat", "terakhir", "terasa", "terbanyak", "terdahulu",
"terdapat", "terdiri", "terhadap", "terhadapnya", "teringat",
"teringat-ingat", "terjadi", "terjadilah", "terjadinya", "terkira",
"terlalu", "terlebih", "terlihat", "termasuk", "ternyata",
"tersampaikan", "tersebut", "tersebutlah", "tertentu", "tertuju",
"terus", "terutama", "tetap", "tetapi", "tiap", "tiba", "tiba-
tiba", "tidak", "tidakkah", "tidaklah", "tiga", "tinggi", "toh",
"tunjuk", "turut", "tutur", "tuturnya", "ucap", "ucapnya", "ujar",
"ujarnya", "umum", "umumnya", "ungkap", "ungkapnya", "untuk",
"usah", "usai", "waduh", "wah", "wahai", "waktu", "waktunya",
"walau", "walaupun", "wong", "yaitu", "yakini", "yakni", "yang"]
module.exports = {
  stopWord
}

```

```
views/partials/add-files.ejs
```

```

<div class="modal fade fixed top-0 left-0 hidden w-full h-full
outline-none overflow-x-hidden overflow-y-auto "
  id="addFilesModal" tabindex="-1" aria-
labelledby="addFilesModalTitle" aria-modal="true" role="dialog">
  <div class="modal-dialog modal-dialog-centered relative w-auto
pointer-events-none">
    <div
      class="modal-content border-none shadow-lg relative
flex flex-col w-full pointer-events-auto bg-sky-800 bg-clip-padding
rounded-md outline-none text-current backdrop-filter backdrop-blur-
lg bg-opacity-30">
      <div
        class="modal-header flex flex-shrink-0 items-
center justify-between p-4 border-b border-gray-700 rounded-t-md
backdrop-filter backdrop-blur-lg bg-opacity-30">
        <h5 class="text-xl font-medium leading-normal text-
sky-200" id="exampleModalScrollableLabel">
          Add Files

```

```

        </h5>
        <button type="button"
            class="btn-close box-content w-4 h-4 p-1 text-
black border-none rounded-none opacity-50 focus:shadow-none
focus:outline-none focus:opacity-100 hover:text-black
hover:opacity-75 hover:no-underline"
            data-bs-dismiss="modal" aria-
label="Close"></button>
    </div>
    <div class="modal-body relative bg-sky-800 p-4
backdrop-filter backdrop-blur-lg bg-opacity-30">
        <form action="/pdf" method="POST"
enctype="multipart/form-data">
            <div class="w-full px-4 mb-8">
                <label for="id" class="text-base font-thin
text-white">Title</label>
                <input type="text" name="title" id="id"
                    class="w-full bg-sky-700 text-sky-200
p-3 rounded-md focus:outline-none focus:ring-sky-400 focus:ring-1"
/>
            </div>
            <div class="w-full my-5 px-4 flex items-center
justify-between text-sky-200">
                <label for="upload">Upload Your File
(*.pdf)</label>
                <input
                    class="file:bg-sky-700 file:border-0
file:text-white file:rounded-md file:p-2 file:hover:bg-sky-600"
                    type="file" name="upload">
            </div>
        </div>
    </div>
    <div
        class="modal-footer flex flex-shrink-0 flex-wrap
items-center justify-end p-4 border-t border-sky-700 rounded-b-md
bg-sky-800 backdrop-filter backdrop-blur-lg bg-opacity-30">
        <button type="submit" class="w-full bg-sky-700 py-
2 rounded-lg text-white hover:bg-sky-600">
            Add File
        </button>
    </form>
    </div>
</div>
</div>
</div>

<div class="modal fade fixed top-0 left-0 hidden w-full h-full
outline-none overflow-x-hidden overflow-y-auto "
    id="deleteFileModal" tabindex="-1" aria-
labelledby="deleteFileModalTitle" aria-modal="true" role="dialog">
    <div class="modal-dialog modal-dialog-centered relative w-auto
pointer-events-none bg-opacity-30">

```

```

        <div
            class="modal-content border-none shadow-lg relative
flex flex-col w-full pointer-events-auto bg-sky-800 bg-clip-padding
rounded-md outline-none text-current backdrop-filter backdrop-blur-
lg bg-opacity-30">
            <div
                class="modal-header flex flex-shrink-0 items-
center justify-between p-4 border-b border-gray-700 rounded-t-md
bg-opacity-30">
                <h5 class="text-xl font-medium leading-normal text-
sky-200" id="exampleModalScrollableLabel">
                    Delete File
                </h5>
                <button type="button"
                    class="btn-close box-content w-4 h-4 p-1 text-
white border-none rounded-none opacity-50 focus:shadow-none
focus:outline-none focus:opacity-100 hover:text-black
hover:opacity-75 hover:no-underline"
                    data-bs-dismiss="modal" aria-
label="Close"></button>
                </div>
                <div class="modal-body relative bg-sky-800 p-4 bg-
opacity-30">
                    <p id="text-delete-file" class="text-white text-
base"></p>
                    <form action="/pdf?_method=DELETE" method="POST">
                        <input type="hidden" id="del-file-id"
name="id" value="">
                        <input type="hidden" id="del-file-title"
name="title" value="">
                    </div>
                    <div
                        class="modal-footer flex flex-shrink-0 flex-wrap
items-center justify-end p-4 border-t border-gray-700 rounded-b-md
bg-sky-800 bg-opacity-30">
                        <button type="submit" class="w-full bg-sky-700 py-
2 rounded-lg text-white hover:bg-sky-600"
                            id="modal-sub-user">
                            Delete File
                        </button>
                    </form>
                </div>
            </div>
        </div>
    </div>
</div>

```

views/partials/add-user.ejs

```

<div class="modal fade fixed top-0 left-0 hidden w-full h-full
outline-none overflow-x-hidden overflow-y-auto "

```

```

        id="addUserModal"                tabindex="-1"                aria-
labelledby="addUserModalTitle" aria-modal="true" role="dialog">
        <div class="modal-dialog modal-dialog-centered relative w-auto
pointer-events-none bg-opacity-30">
            <div
                class="modal-content border-none shadow-lg relative
flex flex-col w-full pointer-events-auto bg-sky-800 bg-clip-padding
rounded-md outline-none text-current backdrop-filter backdrop-blur-
lg bg-opacity-30">
                    <div
                        class="modal-header flex flex-shrink-0 items-
center justify-between p-4 border-b border-sky-700 rounded-t-md
backdrop-filter backdrop-blur-lg bg-opacity-30">
                            <h5 class="text-xl font-medium leading-normal text-
sky-200" id="exampleModalScrollableLabel">
                                Add User
                            </h5>
                            <button type="button"
                                class="btn-close box-content w-4 h-4 p-1 text-
black border-none rounded-none opacity-50 focus:shadow-none
focus:outline-none focus:opacity-100 hover:text-black
hover:opacity-75 hover:no-underline"
                                data-bs-dismiss="modal"                aria-
label="Close"></button>
                        </div>
                        <div class="modal-body relative bg-sky-800 p-4
backdrop-filter backdrop-blur-lg bg-opacity-30">
                            <form id="form-user" action="/admin-user"
method="POST">
                                <input type="hidden" value="" name="id"
id="id_user">
                                    <div class="w-full px-4 mb-8">
                                        <label for="id" class="text-base font-thin
text-white">Id (NIM)</label>
                                        <input type="text" name="nim"
id="nim_user"
                                            class="w-full bg-sky-700 text-sky-200
p-3 rounded-md focus:outline-none focus:ring-sky-400 focus:ring-1"
                                        />
                                    </div>
                                    <div class="w-full px-4 mb-8">
                                        <label for="name" class="text-base font-
thin text-white">Username</label>
                                        <input type="text" name="name"
id="username_user"
                                            class="w-full bg-sky-700 text-sky-200
p-3 rounded-md focus:outline-none focus:ring-sky-400 focus:ring-1"
                                        />
                                    </div>
                                    <div class="w-full px-4 mb-8">

```

```

        <label for="password" class="text-base
font-thin text-white">Password</label>
        <input type="password" name="password"
id="password_user" class=" w-full bg-sky-700 text-sky-200 p-3
rounded-md focus:outline-none
        focus:ring-sky-400          focus:ring-1
disabled:bg-sky-500" />
    </div>
</div>
<div
    class="modal-footer flex flex-shrink-0 flex-wrap
items-center justify-end p-4 border-t border-sky-700 rounded-b-md
bg-sky-800 backdrop-filter backdrop-blur-lg bg-opacity-30">
    <button type="submit" class="w-full bg-sky-700 py-
2 rounded-lg text-white hover:bg-sky-600"
        id="modal-sub-user">
        Add User
    </button>
</form>
</div>
</div>
</div>
</div>

<div class="modal fade fixed top-0 left-0 hidden w-full h-full
outline-none overflow-x-hidden overflow-y-auto "
    id="deleteUserModal"          tabindex="-1"          aria-
labelledby="deleteUserModalTitle" aria-modal="true" role="dialog">
    <div
        class="modal-dialog modal-dialog-centered relative w-auto
pointer-events-none backdrop-filter backdrop-blur-lg bg-opacity-
30">
        <div
            class="modal-content border-none shadow-lg relative
flex flex-col w-full pointer-events-auto bg-sky-800 bg-clip-padding
rounded-md outline-none text-current backdrop-filter backdrop-blur-
lg bg-opacity-30">
            <div
                class="modal-header flex flex-shrink-0 items-
center justify-between p-4 border-b border-sky-700 rounded-t-md
backdrop-filter backdrop-blur-lg bg-opacity-30">
                <h5 class="text-xl font-medium leading-normal text-
sky-200" id="exampleModalScrollableLabel">
                Delete User
            </h5>
            <button type="button"
                class="btn-close box-content w-4 h-4 p-1 text-
white border-none rounded-none opacity-50 focus:shadow-none
focus:outline-none          focus:opacity-100          hover:text-black
hover:opacity-75 hover:no-underline"

```

```

        data-bs-dismiss="modal"                                aria-
label="Close"></button>
    </div>
    <div class="modal-body relative bg-sky-800 p-4
backdrop-filter backdrop-blur-lg bg-opacity-30">
        <p id="text-delete" class="text-white text-
base"></p>
        <form action="/admin-user?_method=DELETE"
method="POST">
            <input type="hidden" id="del-user-id"
name="id" value="">
            <input type="hidden" id="del-user-name"
name="name" value="">
        </div>
        <div
            class="modal-footer flex flex-shrink-0 flex-wrap
items-center justify-end p-4 border-t border-sky-700 rounded-b-md
bg-sky-800 backdrop-filter backdrop-blur-lg bg-opacity-30">
            <button type="submit" class="w-full bg-sky-700 py-
2 rounded-lg text-white hover:bg-sky-600"
                id="modal-sub-user">
                Delete User
            </button>
        </form>
    </div>
</div>
</div>
</div>

```

views/partials/description.ejs

```

<!-- Description Section -->
<section class="mt-10 min-h-8 lg:mt-0">
    <div class="container">
        <div class="flex flex-wrap items-center">
            <div class="p-5 w-full h-40 lg:w-1/2 lg:h-full">
                <% if (typeof user !== 'undefined') { %>
                    <h1 class="font-medium text-xl text-sky-900 my-
auto">Selamat Datang <%= user %></h1>
                <% } %>
                    <h1 class="font-bold text-2xl text-sky-900 my-
auto">Plagiarism Checkers</h1>
                <p class="text-base">Website Ini Menggunakan Metode
Dice Similarity Untuk Mempersentasekan
                    Kemiripan Dokumen atau Teks Anda
                    dengan Dokumen yang Terdapat di Database</p>
            </div>
            <div class="w-full my-4 lg:w-1/2 p-3">
                <div class="p-4">
                    <!-- <form action="/result" method="POST"
enctype="multipart/form-data"> -->

```

```

        <form action="/result-none" method="POST"
enctype="multipart/form-data">
            <div class="w-full px-4">
                <div class="alert mt-2 bg-red-300
rounded-lg py-5 px-6 mb-3 text-base text-red-700 hidden items-
center w-full alert-dismissible fade show"
                    id="error-file" role="alert">
                        Gagal Melakukan Pendeteksian
                        <button type="button"
                            class="btn-close box-content
w-4 h-4 p-1 ml-auto text-yellow-900 border-none rounded-none
opacity-50 focus:shadow-none focus:outline-none focus:opacity-100
hover:text-yellow-900 hover:opacity-75 hover:no-underline"
                            data-bs-dismiss="alert" aria-
label="Close"></button>
                    </div>
                    <textarea type="text" id="text"
                        class="w-full bg-sky-800 text-
white p-3 rounded-md h-48 focus:border-2 focus:border-sky-700
focus:outline-none resize-none"
                        name="text" placeholder="Input
Your Text"></textarea>
                    </div>
                    <div class="w-full my-5 px-4 flex items-
center justify-between">
                        <label for="upload">or Upload Your File
(*.pdf)</label>
                        <input
                            class="file:bg-sky-800
file:border-0 file:text-white file:rounded-md file:p-2
file:hover:bg-sky-700"
                            type="file" name="upload-res"
id="upload-res">
                        </div>
                        <button type="submit" id="check"
                            class="w-full bg-sky-800 py-2 rounded-
lg text-white hover:bg-sky-700">
                            <i class="fa-solid fa-magnifying-glass
mr-2"></i> Check
                                Plagiarism</button>
                    </form>
                </div>
            </div>
        </div>
</section>
<!-- Description Section -->

views/partials/footer.ejs

```

```

<footer class="bg-sky-900 pt-10 pb-5 mt-3">
  <div class="container">
    <div class="w-full pt-10 border-t border-sky-700">
      <div class="flex items-center justify-center mb-5">
        <!-- Whatsapp -->
        <a
          href="https://wa.me/+6282195008936"
          target="_blank"
          class="w-9 h-9 mr-2 flex justify-center items-
            center">
          <svg role="img" width="25" class="fill-white
            hover:fill-sky-700" viewBox="0 0 24 24"
            xmlns="http://www.w3.org/2000/svg">
            <title>WhatsApp</title>
            <path
              d="M17.472 14.382c-.297-.149-1.758-
                .867-2.03-.967-.273-.099-.471-.148-.67.15-.197.297-.767.966-.94
                1.164-.173.199-.347.223-.644.075-.297-.15-1.255-.463-2.39-1.475-
                .883-.788-1.48-1.761-1.653-2.059-.173-.297-.018-.458.13-.606.134-
                .133.298-.347.446-.52.149-.174.198-.298.298-.497.099-.198.05-.371-
                .025-.52-.075-.149-.669-1.612-.916-2.207-.242-.579-.487-.5-.669-
                .51-.173-.008-.371-.01-.57-.01-.198 0-.52.074-.792.372-.272.297-
                1.04 1.016-1.04 2.479 0 1.462 1.065 2.875 1.213 3.074.149.198 2.096
                3.2 5.077 4.487.709.306 1.262.489 1.694.625.712.227 1.36.195
                1.871.118.571-.085 1.758-.719 2.006-1.413.248-.694.248-1.289.173-
                1.413-.074-.124-.272-.198-.57-.347m-5.421 7.403h-.004a9.87 9.87 0
                01-5.031-1.378l-.361-.214-3.741.982.998-3.648-.235-.374a9.86 9.86
                0 01-1.51-5.26c.001-5.45 4.436-9.884 9.888-9.884 2.64 0 5.122 1.03
                6.988 2.898a9.825 9.825 0 012.893 6.994c-.003 5.45-4.437 9.884-
                9.885 9.884m8.413-18.297A11.815 11.815 0 0012.05 0C5.495 0 .16
                5.335.157 11.892c0 2.096.547 4.142 1.588 5.945L.057 24l6.305-
                1.654a11.882 11.882 0 005.683 1.448h.005c6.554 0 11.89-5.335
                11.893-11.893a11.821 11.821 0 00-3.48-8.413Z" />
            </svg>
          </a>
          <a
            href="https://www.facebook.com/profile.php?id=100000053025926"
            target="_blank"
            class="w-9 h-9 mr-3 flex justify-center items-
              center">
            <svg role="img" width="25" viewBox="0 0 24 24"
              class="fill-white hover:fill-sky-700"
              xmlns="http://www.w3.org/2000/svg">
              <title>Facebook</title>
              <path
                d="M24 12.073c0-6.627-5.373-12-12-12s-
                  12 5.373-12 12c0 5.99 4.388 10.954 10.125 11.854v-8.385H7.078v-
                  3.47h3.047V9.43c0-3.007 1.792-4.669 4.533-4.669 1.312 0 2.686.235
                  2.686.235v2.953H15.83c-1.491 0-1.956.925-1.956 1.874v2.25h3.328l-
                  .532 3.47h-2.796v8.385C19.612 23.027 24 18.062 24 12.073z" />
              </svg>
            </a>

```

```

        <a
            href="https://github.com/arxs-abd"
            target="_blank"
            class="w-9 h-9 mr-3 flex justify-center items-
            center">
            <svg role="img" width="25" class="fill-white
            hover:fill-sky-700" viewBox="0 0 24 24"
            xmlns="http://www.w3.org/2000/svg">
                <title>GitHub</title>
                <path
                    d="M12 .297c-6.63 0-12 5.373-12 12 0
                    5.303 3.438 9.8 8.205 11.385.6.113.82-.258.82-.577 0-.285-.01-1.04-
                    .015-2.04-3.338.724-4.042-1.61-4.042-1.61C4.422 18.07 3.633 17.7
                    3.633 17.7c-1.087-.744.084-.729.084-.729 1.205.084 1.838 1.236
                    1.838 1.236 1.07 1.835 2.809 1.305 3.495.998.108-.776.417-1.305.76-
                    1.605-2.665-.3-5.466-1.332-5.466-5.93 0-1.31.465-2.38 1.235-3.22-
                    .135-.303-.54-1.523.105-3.176 0 0 1.005-.322 3.3 1.23.96-.267 1.98-
                    .399 3-.405 1.02.006 2.04.138 3 .405 2.28-1.552 3.285-1.23 3.285-
                    1.23.645 1.653.24 2.873.12 3.176.765.84 1.23 1.91 1.23 3.22 0 4.61-
                    2.805 5.625-5.475 5.92.42.36.81 1.096.81 2.22 0 1.606-.015 2.896-
                    .015 3.286 0 .315.21.69.825.57C20.565 22.092 24 17.592 24 12.297c0-
                    6.627-5.373-12-12-12" />
            </svg>
        </a>
    </div>
    <p class="font-medium text-xs text-sky-100 text-
    center">
        © <script>
            document.write(new Date().getFullYear())
        </script> Copyright : <span class="font-light">Aris
        Akhyar Abdillah</span>
    </p>
</div>
</div>
</footer>

```

views/partials/login.ejs

```

<section>
    <div class="container">
        <div class="w-3/4 my-4 lg:w-2/3 lg:mx-auto p-3 text-white
        bg-sky-800 rounded-md m-auto">
            <h2 class="font-semibold text-2xl mb-2 text-
            center">Login To Application</h2>
            <div class="p-4">
                <% if(errors.length !== 0) { %>
                    <div class="alert bg-red-300 rounded-lg py-5 px-6
                    mb-3 text-base text-red-700 inline-flex items-center w-full alert-
                    dismissible fade show"
                        role="alert">
                        <strong class="mx-1">NIM </strong> or

```

```

        <strong class="mx-1">Password </strong> is
Wrong
        <button type="button"
            class="btn-close box-content w-4 h-4 p-1
ml-auto text-yellow-900 border-none rounded-none opacity-50
focus:shadow-none focus:outline-none focus:opacity-100 hover:text-
yellow-900 hover:opacity-75 hover:no-underline"
            data-bs-dismiss="alert"                aria-
label="Close"></button>
        </div>
    <% } %>
    <form action="/login" method="POST">
        <div class="w-full px-4 mb-8">
            <label for="id" class="text-base font-thin
text-white">Id (NIM)</label>
            <input type="text" name="nim" id="id"
                class="w-full bg-sky-700 text-sky-200
p-3 rounded-md focus:outline-none focus:ring-sky-400 focus:ring-1"
            />
        </div>
        <div class="w-full px-4 mb-8">
            <label for="password" class="text-base
font-thin text-white">Password</label>
            <input type="password" name="password"
id="password" class=" w-full bg-sky-700 text-sky-200 p-3 rounded-
md focus:outline-none
                focus:ring-sky-400 focus:ring-1" />
        </div>
        <button type="submit"
            class="w-full bg-sky-700 py-2 rounded-lg
text-white hover:bg-sky-600">Login</button>
        </form>
    </div>
</div>
</div>
</section>

```

views/partials/navbar.ejs

```

<header
    class="bg-sky-900 top-0 left-0 w-full flex items-center p-1
backdrop-filter backdrop-blur-lg bg-opacity-90 border-b border-sky-
800">
    <!-- class="bg-sky-900 top-0 left-0 w-full flex items-center p-
1 backdrop-filter backdrop-blur-lg bg-opacity-90 border-b border-
sky-800 sticky z-10"> -->
    <div class="container">
        <div class="flex items-center justify-between">
            <div class="w-full ml-5 lg:ml-0">
                <a href="/" class="block font-bold text-xl text-
white py-4">Plagiarsm Checker</a>

```

```

        </div>
        <button id="hamburger" name="hamburger" type="button"
class="absolute right-10 block lg:hidden">
            <span class="hamburger-line origin-top-left
transition duration-300 ease-in-out"></span>
            <span class="hamburger-line transition duration-
300 ease-in-out"></span>
            <span class="hamburger-line origin-bottom-left
transition duration-300 ease-in-out"></span>
        </button>
        <nav id="nav-menu"
class="absolute right-4 hidden top-full w-full max-
w-[250px] rounded-lg bg-white py-5 shadow-lg -mt-3 lg:static
lg:block lg:max-w-full lg:rounded-none lg:bg-transparent lg:shadow-
none">
            <ul class="lg:flex lg:justify-end lg:text-white">
                <li class="mx-1 lg:mx-3 p-2 hover:bg-sky-700
hover:text-white hover:rounded-xl"><a href="/">Home</a>
                </li>
                <li class="mx-1 lg:mx-3 p-2 hover:bg-sky-700
hover:text-white hover:rounded-xl "><a
                    href="#about-me">About Me</a>
                <li class="mx-1 lg:mx-3 p-2 hover:bg-sky-700
hover:text-white hover:rounded-xl "><a
                    href="https://github.com/arxs-
abd/Main-Skripsi">How It
                    Works</a>
                </li>
                <li
                    class="mx-1 lg:mx-3 py-2 px-4 bg-sky-900
text-white rounded-xl hover:bg-sky-700 hover:text-white">
                    <% if (typeof user !== 'undefined') { %>
                    <a href="/logout">Logout</a>
                    <% } else {%>
                    <a href="/login">Login</a>
                    <% }%>
                </li>
            </ul>
        </nav>
        <!-- <nav class="text-white font-normal">
            <ul class="lg:flex hidden">
                <li class="mx-1 lg:mx-3 p-2 hover:bg-sky-700
hover:rounded-xl"><a href="/">Home</a></li>
                <li class="mx-1 lg:mx-3 p-2 hover:bg-sky-700
hover:rounded-xl "><a href="#about-me">About Me</a>
                <li class="mx-1 lg:mx-3 p-2 hover:bg-sky-700
hover:rounded-xl "><a href="#about-me">How It
                    Works</a>
                </li>
                <li class="mx-1 lg:mx-3 py-2 px-4 bg-sky-900
text-white rounded-xl hover:bg-sky-700">

```

```

        < if (typeof user !== 'undefined') { %>
        <a href="/logout">Logout</a>
        < } else {%>
        <a href="/login">Login</a>
        < }%>
    </li>
</ul>
</nav> -->
</div>
</div>
</header>

<script>
    document.querySelector('#hamburger').addEventListener('click',
function () {
    this.classList.toggle('hamburger-active')
    document.querySelector('#nav-
menu').classList.toggle('hidden')
    })
</script>

```

views/partials/result-none.ejs

```

<div id="spinner" class="fixed top-0 left-0 hidden items-center
justify-center w-[100%] h-[100%] bg-black opacity-50">
    <div class="spinner-border animate-spin inline-block w-8 h-8
border-4 rounded-full text-white" role="status">
        <span class="visually-hidden text-white">Loading...</span>
    </div>
    <span id="loading-number" class="ml-5 text-base text-
white">Loading</span>
</div>
<section id="result-none" class="pt-20 text-white hidden">
    <div class="container">
        <div class="w-full px-4 text-center">
            <h1 class="font-semibold text-2xl mb-2 text-sky-
900">Result</h1>
        </div>
        <div class="flex flex-wrap justify-between">
            <div class="w-full h-[45rem] lg:w-[59%] lg:h-[25rem]
bg-sky-800 rounded-md p-4">
                <embed src="" id="preview" class="w-full h-full">
            </div>
            <div class="w-full lg:w-[39%] rounded-md flex flex-
col">
                <!-- <div class="bg-red-300 rounded-lg py-5 px-6
mb-4 text-base text-red-700" role="alert">
                    Your Document Is Unique
                </div> -->
                <div class="w-full bg-sky-800 rounded-md p-4 mt-5
lg:mt-0">

```

```

        <div class="flex flex-wrap justify-between">
            <h2 class="font-semibold text-xl mb-
3">Details</h2>
        </div>
        <div class="flex flex-col">
            <p class="text-base" id="file-name">File
Name : Namanya</p>
            <p class="text-base" id="file-size">File
Size : Namanya</p>
            <p class="text-base" id="file-
char">Character : Jumlahnya %</p>
            <p class="text-base" id="file-word">Words
: Katanya </p>
        </div>
    </div>

    <div class="w-full bg-sky-800 rounded-md p-4 mt-
5">
        <h2 class="font-semibold text-xl mb-
3">Plagirism Percentage</h2>
        <div class="">
            <div class="flex">
                <p class="text-base w-1/2">Unique :
<span id="text-uniq">10</span> %</p>
                <p class="text-base w-1/2">Plagiarism
: <span id="text-plag">10</span> %</p>
            </div>
            <div class="w-full mt-3 flex bg-sky-900
rounded-full">
                <div class="bg-sky-700 text-s font-
medium text-blue-100 text-center p-0.5 leading-none rounded-l-full"
                    id="bar-uniq" style="width: 10%;">
                    10 %
                </div>
                <div class="text-s font-medium text-
blue-100 text-center p-0.5 leading-none"
                    style="width: 90%;" id="bar-plag">
                    90 %
                </div>
            </div>
        </div>
    </div>
    <div class="w-full bg-sky-800 mt-5 rounded-md p-4 mb-
5">
        <h2 class="font-semibold text-xl mb-3">File With
High Similarity</h2>
        <table class="min-w-full text-white table-auto">
            <thead class="border-b border-sky-500 font-
semibold">
                <tr>

```

```

                <th scope="col" class="text-sm font-
medium px-6 py-4 text-left">
                    #
                </th>
                <th scope="col" class="text-sm font-
medium px-6 py-4 text-left">
                    Title Pdf
                </th>
                <th scope="col" class="text-sm font-
medium px-6 py-4 text-left">
                    Uploader
                </th>
                <th scope="col" class="text-sm font-
medium px-6 py-4 text-left">
                    Similarity
                </th>
                <th scope="col" class="text-sm font-
medium px-6 py-4 text-left">
                    Show
                </th>
            </tr>
        </thead>
        <tbody id="table-result">

        </tbody>
    </table>
</div>
</div>
</div>
</div>
</section>

-views/partial/result.ejs
<section class="pt-20 text-white">
    <div class="container">
        <div class="w-full px-4 text-center">
            <h1 class="font-semibold text-2xl mb-2">Result</h1>
        </div>
        <div class="flex flex-wrap justify-between">
            <div class="w-full lg:w-[49%] bg-sky-800 rounded-md p-
4">
                <h2 class="font-semibold text-xl mb-
3">Details</h2>
                <div class="flex flex-col">
                    <p class="text-base">File Name : <%=
result.fileInformation.originalname %></p>
                    <p class="text-base">Character : <%=
result.fileInformation.length %></p>
                    <p class="text-base">Words :
                        <%= result.fileInformation.word %></p>
                </div>
            </div>
        </div>
    </div>

```

```

        <div class="w-full mt-5 lg:w-[49%] lg:mt-0 bg-sky-800
rounded-md p-4">
            <h2 class="font-semibold text-xl mb-3">Plagirism
Percentage</h2>
            <div class="flex">
                <p class="text-base w-1/2">Unique : <%= `${100
- result.plag}%` %></p>
                <p class="text-base w-1/2">Plagiarism : <%=
`${result.plag}%` %></p>
            </div>
            <div class="w-full mt-3 flex bg-sky-900 rounded-
full">
                <div class="bg-sky-700 text-s font-medium text-
blue-100 text-center p-0.5 leading-none rounded-l-full w-[80%]"
                    style="width: <%= `${100 - result.plag}%`
%>;">
                    <%= `${100 - result.plag}%` %>
                </div>
                <div class="text-s font-medium text-blue-100
text-center p-0.5 leading-none"
                    style="width: <%= `${result.plag}%` %>;">
                    <%= `${result.plag}%` %>
                </div>
            </div>
        </div>
        <div class="w-full bg-sky-800 mt-5 rounded-md p-4">
            <h2 class="font-semibold text-xl mb-3">File With
High Similarity</h2>
            <table class="min-w-full text-white table-auto">
                <thead class="border-b border-sky-500 font-
semibold">
                    <tr>
                        <th scope="col" class="text-sm font-
medium px-6 py-4 text-left">
                            #
                        </th>
                        <th scope="col" class="text-sm font-
medium px-6 py-4 text-left">
                            Title Pdf
                        </th>
                        <th scope="col" class="text-sm font-
medium px-6 py-4 text-left">
                            Uploader
                        </th>
                        <th scope="col" class="text-sm font-
medium px-6 py-4 text-left">
                            Similarity
                        </th>
                        <th scope="col" class="text-sm font-
medium px-6 py-4 text-left">
                            Show

```

```

        </th>
      </tr>
    </thead>
    <tbody>
      <% result.resultAll.forEach((file, i) => {
%>
        <tr class="border-b border-sky-500">
          <td class="px-6 py-4 whitespace-nowrap
text-sm font-medium"><%= i + 1 %></td>
          <td class="text-sm font-light px-6 py-
4">
            <%= file.file.name %>
          </td>
          <td class="text-sm font-light px-6 py-
4">
            <% const index = user.findIndex(o
=> { %>
              <% return o._id.toHexString() ===
file.file.uploader %>
              <% }) %>
              <%= user[index].name %>
            </td>
            <td class="text-sm font-light px-6 py-
4 whitespace-nowrap">
              <%= file.result %>%
            </td>
            <td class="text-sm font-light px-6 py-
4 whitespace-nowrap">
              <a href="<%= 'docs/' +
file.file.fileName %>" target="_blank"
class="w-full bg-sky-700 p-3
rounded-lg text-white">
                Show
              </a>
            </td>
          </tr>
        <% }) %>
      </tbody>
    </table>
  </div>
</div>
</div>
</section>

views/partials/table-details.ejs

<section>
  <div class="container mb-5">
    <div class="flex flex-wrap justify-between">
      <div class="w-[95%] mx-auto bg-sky-800 lg:w-[49%] mt-5
rounded-md p-4">

```

```

        <div class="flex flex-wrap flex-row items-center
justify-between">
            <h2 class="font-semibold text-xl mb-3 text-
white">All User</h2>
            <button type="button" class="w-1/2 bg-sky-700
py-2 rounded-lg text-white hover:bg-sky-600"
                id="modal-user" data-bs-toggle="modal"
data-bs-target="#addUserModal"><i
                class="fas fa-plus mr-3"></i>Add
                User</button>
        </div>
        <% if(errorsUser.length !== 0) { %>
            <div class="alert mt-2 bg-red-300 rounded-lg py-5
px-6 mb-3 text-base text-red-700 inline-flex items-center w-full
alert-dismissible fade show"
                role="alert">
                <%= errorsUser %>
                <button type="button"
                    class="btn-close box-content w-4 h-4 p-1
ml-auto text-yellow-900 border-none rounded-none opacity-50
focus:shadow-none focus:outline-none focus:opacity-100 hover:text-
yellow-900 hover:opacity-75 hover:no-underline"
                    data-bs-dismiss="alert" aria-
label="Close"></button>
            </div>
            <% } %>

            <% if(successUser.length !== 0) { %>
                <div class="alert mt-2 bg-green-300 rounded-lg py-
5 px-6 mb-3 text-base text-green-700 inline-flex items-center w-
full alert-dismissible fade show"
                    role="alert">
                    <%= successUser %>
                    <button type="button"
                        class="btn-close box-content w-4 h-4 p-1
ml-auto text-yellow-900 border-none rounded-none opacity-50
focus:shadow-none focus:outline-none focus:opacity-100 hover:text-
yellow-900 hover:opacity-75 hover:no-underline"
                        data-bs-dismiss="alert" aria-
label="Close"></button>
                </div>
                <% } %>
            <div class="overflow-y-auto flex flex-col">
                <table class="min-w-full text-white table-
auto">
                    <thead class="border-b border-sky-500
font-semibold">
                        <tr>
                            <th scope="col" class="text-sm
font-medium px-6 py-4 text-left">
                                #

```

```

        </th>
        <th scope="col" class="text-sm
font-medium px-6 py-4 text-left">
            Username
        </th>
        <th scope="col" class="text-sm
font-medium px-6 py-4 text-left">
            Id (NIM)
        </th>
        <th scope="col" class="text-sm
font-medium px-6 py-4 text-left">
            Action
        </th>
    </tr>
</thead>
<tbody id="table-user">
</tbody>
</table>

<div class="paginaton mt-3 min-w-full">
    <div class="flex justify-center">
        <nav aria-label="Page navigation
example">
            <ul class="flex list-style-none
gap-1">
                <li class="page-item"><a
                    class="page-link
relative block py-1.5 px-3 rounded border-0 bg-transparent outline-
none transition-all duration-300 text-white hover:text-white
hover:bg-sky-900 focus:shadow-none"
                    href="#" aria-
label="First" data-page="false" data-click="false">
                        <span aria-
hidden="true">First</span>
                    </a></li>
                <li class="page-item"><a
                    class="page-link
relative block py-1.5 px-3 rounded border-0 bg-transparent outline-
none transition-all duration-300 text-white hover:text-white
hover:bg-sky-900 focus:shadow-none"
                    href="#" aria-
label="Previous" data-page="false" data-click="false">
                        <span aria-
hidden="true">&laquo;</span>
                    </a></li>
                <li class="page-item"><a
                    class="page-link
relative block py-1.5 px-3 rounded border-0 bg-sky-900 outline-none
transition-all duration-300 text-white hover:text-white hover:bg-
sky-900 focus:shadow-none"

```

```

data-click="false"
href="#">1</a></li>
    <li class="page-item"><a
      class="page-link
relative block py-1.5 px-3 rounded border-0 bg-transparent outline-
none transition-all duration-300 text-white hover:text-white
hover:bg-sky-900 focus:shadow-none"
      data-click="false"
href="#">2</a></li>
    <li class="page-item"><a
      class="page-link
relative block py-1.5 px-3 rounded border-0 bg-transparent outline-
none transition-all duration-300 text-white hover:text-white
hover:bg-sky-900 focus:shadow-none"
      data-click="false"
href="#">3</a></li>
    <li class="page-item"><a
      class="page-link
relative block py-1.5 px-3 rounded border-0 bg-transparent outline-
none transition-all duration-300 text-white hover:text-white
hover:bg-sky-900 focus:shadow-none"
      href="#"          aria-
label="Next" data-click="false">
      <span          aria-
hidden="true">&raquo;</span>
    </a></li>
    <li class="page-item"><a
      class="page-link
relative block py-1.5 px-3 rounded border-0 bg-transparent outline-
none transition-all duration-300 text-white hover:text-white
hover:bg-sky-900 focus:shadow-none"
      href="#"          aria-
label="Last" data-page="false" data-click="false">
      <span          aria-
hidden="true">Last</span>
    </a></li>
  </ul>
</nav>
</div>
</div>
</div>
</div>
</div>

<div class="w-[95%] mx-auto h-fit bg-sky-800 lg:w-[49%]
mt-5 rounded-md p-4 overflow-y-auto">
  <div class="flex flex-wrap flex-row items-center
justify-between">
    <h2 class="font-semibold text-xl mb-3 text-
white">All Files</h2>
    <button type="button" class="w-1/2 bg-sky-700
py-2 rounded-lg text-white hover:bg-sky-600"

```

```

                                data-bs-toggle="modal"                                data-bs-
target="#addFilesModal">
                                <i class="fas fa-plus mr-3"></i>Add
                                Files</button>
                                </div>
                                <% if(errorsFile.length !== 0) { %>
                                <div class="alert mt-2 bg-red-300 rounded-lg py-5
px-6 mb-3 text-base text-red-700 inline-flex items-center w-full
alert-dismissible fade show"
                                role="alert">
                                <%= errorsFile %>
                                <button type="button"
                                class="btn-close box-content w-4 h-4 p-1
ml-auto text-yellow-900 border-none rounded-none opacity-50
focus:shadow-none focus:outline-none focus:opacity-100 hover:text-
yellow-900 hover:opacity-75 hover:no-underline"
                                data-bs-dismiss="alert"                                aria-
label="Close"></button>
                                </div>
                                <% } %>

                                <% if(successFile.length !== 0) { %>
                                <div class="alert mt-2 bg-green-300 rounded-lg py-
5 px-6 mb-3 text-base text-green-700 inline-flex items-center w-
full alert-dismissible fade show"
                                role="alert">
                                <%= successFile %>
                                <button type="button"
                                class="btn-close box-content w-4 h-4 p-1
ml-auto text-yellow-900 border-none rounded-none opacity-50
focus:shadow-none focus:outline-none focus:opacity-100 hover:text-
yellow-900 hover:opacity-75 hover:no-underline"
                                data-bs-dismiss="alert"                                aria-
label="Close"></button>
                                </div>
                                <% } %>
                                <table class="min-w-full text-white table-auto ">
                                <thead class="border-b border-sky-500 font-
semibold">
                                <tr>
                                <th scope="col" class="text-sm font-
medium px-6 py-4 text-left">
                                #
                                </th>
                                <th scope="col" class="text-sm font-
medium px-6 py-4 text-left">
                                Title
                                </th>
                                <th scope="col" class="text-sm font-
medium px-6 py-4 text-left">
                                Uploader

```

```

        </th>
        <th scope="col" class="text-sm font-
medium px-6 py-4 text-left">
            Action
        </th>
    </tr>
</thead>
<tbody id="table-file">
    <% allFile.forEach((f, i) => { %>
        <%- include('table-file-row', { f : f, i :
i, user : allUser }) %>
        <% }) %>
    </tbody>
</table>
<div class="paginaton mt-3 min-w-full">
    <div class="flex justify-center">
        <nav aria-label="Page navigation example">
            <ul class="flex list-style-none gap-
1">
                <li class="page-item-file"><a
                    class="page-link relative
block py-1.5 px-3 rounded border-0 bg-transparent outline-none
transition-all duration-300 text-white hover:text-white hover:bg-
sky-900 focus:shadow-none"
                        href="#"                                aria-
label="First" data-page="false" data-click="false">
                            <span                                aria-
hidden="true">First</span>
                                </a></li>
                <li class="page-item-file"><a
                    class="page-link relative
block py-1.5 px-3 rounded border-0 bg-transparent outline-none
transition-all duration-300 text-white hover:text-white hover:bg-
sky-900 focus:shadow-none"
                        href="#"                                aria-
label="Previous" data-page="false" data-click="false">
                            <span                                aria-
hidden="true">&laquo;</span>
                                </a></li>
                <li class="page-item-file"><a
                    class="page-link relative
block py-1.5 px-3 rounded border-0 bg-sky-900 outline-none
transition-all duration-300 text-white hover:text-white hover:bg-
sky-900 focus:shadow-none"
                        data-click="false"
href="#">1</a></li>
                <li class="page-item-file"><a
                    class="page-link relative
block py-1.5 px-3 rounded border-0 bg-transparent outline-none
transition-all duration-300 text-white hover:text-white hover:bg-
sky-900 focus:shadow-none"

```

```

data-click="false"
href="#">2</a></li>
    <li class="page-item-file"><a
      class="page-link relative
block py-1.5 px-3 rounded border-0 bg-transparent outline-none
transition-all duration-300 text-white hover:text-white hover:bg-
sky-900 focus:shadow-none"
      data-click="false"
href="#">3</a></li>
    <li class="page-item-file"><a
      class="page-link relative
block py-1.5 px-3 rounded border-0 bg-transparent outline-none
transition-all duration-300 text-white hover:text-white hover:bg-
sky-900 focus:shadow-none"
      href="#" aria-label="Next"
data-click="false">
      <span
        aria-
hidden="true">&raquo;</span>
    </a></li>
    <li class="page-item-file"><a
      class="page-link relative
block py-1.5 px-3 rounded border-0 bg-transparent outline-none
transition-all duration-300 text-white hover:text-white hover:bg-
sky-900 focus:shadow-none"
      href="#" aria-label="Last"
data-page="false" data-click="false">
      <span
        aria-
hidden="true">Last</span>
    </a></li>
  </ul>
</nav>
</div>
</div>
</div>
</div>
</div>
</section>

```

views/partials/table-file-row.ejs

```

<tr class="border-b border-sky-500">
  <td class="px-6 py-4 whitespace-nowrap text-sm font-medium"><%=
i + 1 %> </td>
  <td class="text-sm font-light px-6 py-4">
    <%= f.name %>
  </td>
  <td class="text-sm font-light px-6 py-4 whitespace-nowrap">
    <% if (typeof user === 'string') { %>
    <%= user %>
    <% } else { %>
    <% const index = user.findIndex(o => { %>

```

```

        <% return o._id.toHexString() === f.uploader %>
        <% }) %>
        <%= user[index].name %>
        <% } %>

    </td>
    <td class="text-sm font-light px-6 py-4 whitespace-nowrap">
        <a href="docs/<%= f.fileName %> " target="_blank"
            class="w-full mx-1 bg-sky-700 p-3 rounded-lg text-white
            hover:bg-green-500">
            <i class="fa-solid fa-eye"></i>
        </a>
        <a href="" class="w-full mx-1 bg-sky-700 p-3 rounded-lg
            text-white hover:bg-red-500 delete-file"
            data-id="<%= f._id %>" data-name="<%= f.name %>" data-
            bs-toggle="modal" data-bs-target="#deleteFileModal">
            <i class="fa-solid fa-trash"></i>
        </a>
    </td>
</tr>

```

views/partial/table-user-row.ejs

```

<tr class="border-b border-sky-500">
    <td class="px-6 py-4 whitespace-nowrap text-sm font-medium"><%=
    i + 1 %> </td>
    <td class="text-sm font-light px-6 py-4">
        <%= u.name %>
    </td>
    <td class="text-sm font-light px-6 py-4 whitespace-nowrap">
        <%= u.uid %>
    </td>
    <td class="text-sm font-light px-6 py-4 whitespace-nowrap">
        <a href="" data-id="<%= u._id %> " data-uid="<%= u.uid %>"
        data-name="<%= u.name %>"
        class="w-full mx-1 bg-sky-700 p-3 rounded-lg text-white
        hover:bg-yellow-500 user-change"
        data-bs-toggle="modal" data-bs-target="#addUserModal">
            <i class="fa-solid fa-pencil"></i>
        </a>
        <a href="" class="w-full mx-1 bg-sky-700 p-3 rounded-lg
        text-white hover:bg-red-500 delete-user"
        data-id="<%= u._id %>" data-name="<%= u.name %> " data-
        bs-toggle="modal" data-bs-target="#deleteUserModal">
            <i class="fa-solid fa-trash"></i>
        </a>
    </td>
</tr>

```

-views/admin-page.ejs

```

<%- include('partials/description') %>

<%- include('partials/table-details') %>

<%- include('partials/add-user') %>

<%- include('partials/add-files') %>

<script defer>
  // User Modal
  const userIdInput = document.querySelector('#id_user')
  const userIdName = document.querySelector('#username_user')
  const userIdNim = document.querySelector('#nim_user')
  const userIdPass = document.querySelector('#password_user')
  // const userChange = document.querySelectorAll('.user-change')
  const modalUser = document.querySelector('#modal-user')
  const userModalButton = document.querySelector('#modal-sub-
user')
  const formUserModal = document.querySelector('#form-user')
  const modalTitle = document.querySelector('#exampleModalScrollableLabel')
  // const deleteUser = document.querySelectorAll('.delete-user')
  const idDeleteUser = document.querySelector('#del-user-id')
  const nameDeleteUser = document.querySelector('#del-user-
name')
  const deleteText = document.querySelector('#text-delete')
  // User Modal

  // File Modal
  const deleteFile = document.querySelectorAll('.delete-file')
  const idDeleteFile = document.querySelector('#del-file-id')
  const nameDeleteFile = document.querySelector('#del-file-
title')
  const deleteTextFile = document.querySelector('#text-delete-
file')
  // File Modal

  // File Modal
  deleteFile.forEach(file => {
    file.addEventListener('click', e => {
      e.preventDefault()
      idDeleteFile.value = file.getAttribute('data-id')
      nameDeleteFile.value = file.getAttribute('data-name')
      deleteTextFile.textContent =
        `Are You Sure Want Delete File With Title
${file.getAttribute('data-name')} ?`
    })
  })
  // File Modal

```

```

// User Modal
modalUser.addEventListener('click', (e) => {
  formUserModal.action = '/admin-user'
  e.preventDefault()
  userIdInput.value = ''
  userIdNim.value = ''
  userIdName.value = ''
  userIdPass.disabled = false
  modalTitle.textContent = 'Add User'
  userModalButton.textContent = 'Add User'
})

// User Modal

// User Tabel
const tableUser = document.querySelector('#table-user')
const navigationUser = document.querySelectorAll('.page-item')
let currentPage = 0
let totalPages = 0
const limit = 5
updateUserTable(currentPage)

// File Tabel
const tableFile = document.querySelector('#table-file')
const navigationFile = document.querySelectorAll('.page-item-
file')
let currentPageFile = 0
let totalPagesFile = 0
const limitFile = 5
updateFileTable(currentPageFile)

async function updateFileTable(page) {
  const result = await
getApi(`/file?limit=${limitFile}&pages=${page}`)
  const users = await getApi('/all-user')
  // return console.log(user)
  const data = result.data
  currentPageFile = result.currentPage
  totalPagesFile = result.totalPages
  tableFile.innerHTML = ''
  let number = (currentPageFile * limitFile) + 1
  for (const file of data) {
    const uploader = users.find(function (user) {
      return user._id === file.uploader
    })
    // console.log(uploader)
    tableFile.innerHTML += `
    <tr class="border-b border-sky-500">
      <td class="px-6 py-4 whitespace-nowrap text-sm
font-medium">${number}</td>

```

```

        <td class="text-sm font-light px-6 py-4 whitespace-
nowrap">${file.name}</td>
        <td class="text-sm font-light px-6 py-4 whitespace-
nowrap">${uploader.name}</td>
        <td class="text-sm font-light px-6 py-4 whitespace-
nowrap">
            <a
                href="docs/${file.fileName}"
                target="_blank"
                class="w-full mx-1 bg-sky-700 p-3 rounded-
lg text-white hover:bg-green-500">
                <i class="fa-solid fa-eye"></i>
            </a>
            <a href="" class="w-full mx-1 bg-sky-700 p-3
rounded-lg text-white hover:bg-red-500 delete-file"
                data-id="${file._id}" data-
name="${file.name}" data-bs-toggle="modal" data-bs-
target="#deleteFileModal">
                <i class="fa-solid fa-trash"></i>
            </a>
        </td>
    </tr>
    `
    number++
}
const deleteFile = document.querySelectorAll('.delete-
file')
deleteFile.forEach(file => {
    file.addEventListener('click', e => {
        e.preventDefault()
        idDeleteFile.value = file.getAttribute('data-id')
        nameDeleteFile.value = file.getAttribute('data-
name')
        deleteTextFile.textContent =
            `Are You Sure Want Delete File With Title
${file.getAttribute('data-name')} ?`
    })
})

let newCurrentPage = getNumberPage(currentPageFile,
totalPageFile)
for (const nav of navigationFile) {
    if (nav.children[0].ariaLabel === 'Previous') {
        nav.children[0].dataset.page = (currentPageFile -
1)
        if (nav.children[0].dataset.click === 'false') {
            pagingButtonListenerFile(nav.children[0],
'prev')
        }
    } else if (nav.children[0].ariaLabel === 'Next') {
        nav.children[0].dataset.page = (currentPageFile +
1)

```

```

        if (nav.children[0].dataset.click === 'false') {
            pagingButtonListenerFile(nav.children[0],
'next')
        }
    } else if (nav.children[0].ariaLabel === 'First') {
        if (nav.children[0].dataset.click === 'false') {
            nav.addEventListener('click', e => {
                if (currentPageFile === 0) return
e.preventDefault()
                updatePage(e, 1, 'file')
            })
            nav.children[0].dataset.click = 'true'
        }
    } else if (nav.children[0].ariaLabel === 'Last') {
        if (nav.children[0].dataset.click === 'false') {
            nav.addEventListener('click', e => {
                if (currentPageFile === totalPageFile - 1)
return e.preventDefault()
                updatePage(e, totalPageFile, 'file')
            })
            nav.children[0].dataset.click = 'true'
        }
    } else {
        nav.children[0].textContent = newCurrentPage
        if (currentPageFile + 1 === newCurrentPage) {
            removeIfExists(nav.children[0], 'bg-
transparent')
            addIfNotExist(nav.children[0], 'bg-sky-900')
        } else {
            removeIfExists(nav.children[0], 'bg-sky-900')
            addIfNotExist(nav.children[0], 'bg-
transparent')
        }
    }

    if (newCurrentPage > totalPageFile)
nav.style.display = 'none'
    // console.log(nav.children[0].dataset.click)
    if (nav.children[0].dataset.click === 'false') {
        pagingButtonListenerFile(nav.children[0])
    }
    newCurrentPage++
}

}

}

async function updateUserTable(page) {
    const result = await
getApi(`/user?limit=${limit}&pages=${page}`)
    const data = result.data

```

```

    currentPage = result.currentPage
    totalPage = result.totalPages
    tableUser.innerHTML = ''
    let number = (currentPage * limit) + 1
    for (const user of data) {
        tableUser.innerHTML += `
            <tr class="border-b border-sky-500">
                <td class="px-6 py-4 whitespace-nowrap text-sm
font-medium">${number} </td>
                <td class="text-sm font-light px-6 py-4">
                    ${user.name}
                </td>
                <td class="text-sm font-light px-6 py-4
whitespace-nowrap">
                    ${user.uid}
                </td>
                <td class="text-sm font-light px-6 py-4
whitespace-nowrap">
                    <a href="" data-id="${user._id}" data-
uid="${user.uid}" data-name="${user.name}"
                    class="w-full mx-1 bg-sky-700 p-3
rounded-lg text-white hover:bg-yellow-500 user-change"
                    data-bs-toggle="modal" data-bs-
target="#addUserModal">
                        <i class="fa-solid fa-pencil"></i>
                    </a>
                    <a href="" class="w-full mx-1 bg-sky-700 p-
3 rounded-lg text-white hover:bg-red-500 delete-user"
                    data-id="${user._id}" data-
name="${user.name}" data-bs-toggle="modal" data-bs-
target="#deleteUserModal">
                        <i class="fa-solid fa-trash"></i>
                    </a>
                </td>
            </tr>
        `
        number++
    }
    const userChange = document.querySelectorAll('.user-
change')
    userChange.forEach(user => {
        user.addEventListener('click', (e) => {
            e.preventDefault()
            formUserModal.action = '/admin-user?_method=PUT'
            userIdInput.value = user.getAttribute('data-id')
            userIdName.value = user.getAttribute('data-name')
            userIdNim.value = user.getAttribute('data-uid')
            userIdPass.disabled = true
            userModalButton.textContent = 'Update User'
            modalTitle.textContent = 'Update User'
        })
    })

```

```

    })

    const deleteUser = document.querySelectorAll('.delete-
user')
    deleteUser.forEach(user => {
        user.addEventListener('click', e => {
            e.preventDefault()
            idDeleteUser.value = user.getAttribute('data-id')
            nameDeleteUser.value = user.getAttribute('data-
name')

            deleteText.textContent =
                `Are You Sure Want Delete
${user.getAttribute('data-name')} ?`

        })
    })

    let newCurrentPage = getNumberPage(currentPage, totalPage)

    for (const nav of navigationUser) {
        if (nav.children[0].ariaLabel === 'Previous') {
            nav.children[0].dataset.page = (currentPage - 1)
            if (nav.children[0].dataset.click === 'false') {
                pagingButtonListener(nav.children[0], 'prev')
            }
        } else if (nav.children[0].ariaLabel === 'Next') {
            nav.children[0].dataset.page = (currentPage + 1)
            if (nav.children[0].dataset.click === 'false') {
                pagingButtonListener(nav.children[0], 'next')
            }
        } else if (nav.children[0].ariaLabel === 'First') {
            if (nav.children[0].dataset.click === 'false') {
                nav.addEventListener('click', e => {
                    if (currentPage === 0) return
                })
            }
            e.preventDefault()
            updatePage(e, 1, 'user')
            nav.children[0].dataset.click = 'true'
        } else if (nav.children[0].ariaLabel === 'Last') {
            if (nav.children[0].dataset.click === 'false') {
                nav.addEventListener('click', e => {
                    if (currentPage === totalPage - 1) return
                })
            }
            e.preventDefault()
            updatePage(e, totalPage, 'user')
            nav.children[0].dataset.click = 'true'
        } else {
            nav.children[0].textContent = newCurrentPage
            if (currentPage + 1 === newCurrentPage) {

```

```

        removeIfExist(nav.children[0], 'bg-
transparent')
        addIfNotExist(nav.children[0], 'bg-sky-900')
    } else {
        removeIfExist(nav.children[0], 'bg-sky-900')
        addIfNotExist(nav.children[0], 'bg-
transparent')
    }

    if (newCurrentPage > totalPage) nav.style.display
= 'none'

    // console.log(nav.children[0].dataset.click)
    if (nav.children[0].dataset.click === 'false') {
        pagingButtonListener(nav.children[0])
    }
    newCurrentPage++
}

}

function pagingButtonListener(nav, option = '') {
    nav.addEventListener('click', (e) => {
        e.preventDefault()
        if (option === 'next')
            if (currentPage === (totalPage - 1)) return
        if (option === 'prev')
            if (currentPage === 0) return
        updatePage(e, (Number(nav.dataset.page) + 1) ||
Number(nav.textContent), 'user')
    })
    nav.dataset.click = 'true'
}

function pagingButtonListenerFile(nav, option = '') {
    nav.addEventListener('click', (e) => {
        e.preventDefault()
        if (option === 'next')
            if (currentPageFile === (totalPageFile - 1)) return
        if (option === 'prev')
            if (currentPageFile === 0) return
        updatePage(e, (Number(nav.dataset.page) + 1) ||
Number(nav.textContent), 'file')
    })
    nav.dataset.click = 'true'
}

function updatePage(e, page, table) {
    e.preventDefault()
    console.log(page - 1)

```

```

        if (table === 'user') updateUserTable(page - 1)
        else if (table === 'file') updateFileTable(page - 1)
    }

    async function getApi(url) {
        const response = await fetch(url)
        const result = await response.json()
        return result
    }

    function getNumberPage(currentPage, totalPage) {
        if (currentPage == 0) {
            return currentPage + 1
        }
        if (currentPage + 1 == totalPage && totalPage > 2) {
            return currentPage - 1
        }
        return currentPage
    }

    function prevent(e) {
        e.preventDefault()
    }

    function removeIfExist(removeItem, removeClass) {
        if (removeItem.classList.contains(removeClass))
        removeItem.classList.remove(removeClass)
    }

    function addIfNotExist(addItem, addClass) {
        if (!addItem.classList.contains(addClass))
        addItem.classList.add(addClass)
    }
</script>

-views/home-login.ejs
<%- include('partials/description') %>

-views/home-page.ejs
<%- include('partials/description') %>

<% if (typeof user !== 'undefined') { if (user !== 'Admin') { %>

<div class="container flex flex-wrap justify-between">
    <div class="w-full bg-sky-800 lg:w-[49%] mt-5 rounded-md p-4
overflow-y-auto">
        <div class="flex flex-wrap flex-row items-center justify-
between">
            <h2 class="font-semibold text-xl mb-3 text-white">All
Files</h2>

```

```

        <button type="button" class="w-1/2 bg-sky-700 py-2
rounded-lg text-white hover:bg-sky-600"
            data-bs-toggle="modal"                                data-bs-
target="#addFilesModal">
            <i class="fas fa-plus mr-3"></i>Add
            Files</button>
    </div>

    <% if(typeof errorsFile !== 'undefined') {
if(errorsFile.length !== 0) { %>
        <div class="alert mt-2 bg-red-300 rounded-lg py-5 px-6 mb-
3 text-base text-red-700 inline-flex items-center w-full alert-
dismissible fade show"
            role="alert">
            <%= errorsFile %>
            <button type="button"
                class="btn-close box-content w-4 h-4 p-1 ml-auto
text-yellow-900 border-none rounded-none opacity-50 focus:shadow-
none focus:outline-none focus:opacity-100 hover:text-yellow-900
hover:opacity-75 hover:no-underline"
                data-bs-dismiss="alert"                                aria-
label="Close"></button>
            </div>
            <% } } %>

    <% if(typeof successFile !== 'undefined') {
if(successFile.length !== 0) { %>
        <div class="alert mt-2 bg-green-300 rounded-lg py-5 px-6
mb-3 text-base text-green-700 inline-flex items-center w-full
alert-dismissible fade show"
            role="alert">
            <%= successFile %>
            <button type="button"
                class="btn-close box-content w-4 h-4 p-1 ml-auto
text-yellow-900 border-none rounded-none opacity-50 focus:shadow-
none focus:outline-none focus:opacity-100 hover:text-yellow-900
hover:opacity-75 hover:no-underline"
                data-bs-dismiss="alert"                                aria-
label="Close"></button>
            </div>
            <% } } %>

    <table class="min-w-full text-white table-auto">
        <thead class="border-b border-sky-500 font-semibold">
            <tr>
                <th scope="col" class="text-sm font-medium px-
6 py-4 text-left">
                    #
                </th>
                <th scope="col" class="text-sm font-medium px-
6 py-4 text-left">

```

```

        Title
      </th>
      <!-- <th scope="col" class="text-sm font-medium
px-6 py-4 text-left">
        Uploader
      </th> -->
      <th scope="col" class="text-sm font-medium px-
6 py-4 text-left">
        Action
      </th>
    </tr>
  </thead>
  <tbody id="table-file">
    <!-- <%# file.forEach((f, i) => { %> -->
    <!-- <%# include('partials/table-file-row', { f :
f, i : i }) %> -->
    <!-- <# }) %> -->
  </tbody>
</table>
<div class="paginaton mt-3 min-w-full">
  <div class="flex justify-center">
    <nav aria-label="Page navigation example">
      <ul class="flex list-style-none gap-1">
        <li class="page-item-file"><a
          class="page-link relative block
py-1.5 px-3 rounded border-0 bg-transparent outline-none
transition-all duration-300 text-white hover:text-white hover:bg-
sky-900 focus:shadow-none"
          href="#" aria-label="First" data-
page="false" data-click="false">
            <span                                aria-
hidden="true">First</span>
          </a></li>
        <li class="page-item-file"><a
          class="page-link relative block
py-1.5 px-3 rounded border-0 bg-transparent outline-none
transition-all duration-300 text-white hover:text-white hover:bg-
sky-900 focus:shadow-none"
          href="#"      aria-label="Previous"
data-page="false" data-click="false">
            <span                                aria-
hidden="true">&laquo;</span>
          </a></li>
        <li class="page-item-file"><a
          class="page-link relative block
py-1.5 px-3 rounded border-0 bg-sky-900 outline-none transition-all
duration-300 text-white hover:text-white hover:bg-sky-900
focus:shadow-none"
          data-click="false"
href="#">1</a></li>
        <li class="page-item-file"><a

```

```

        class="page-link relative block
py-1.5 px-3 rounded border-0 bg-transparent outline-none
transition-all duration-300 text-white hover:text-white hover:bg-
sky-900 focus:shadow-none"
        data-click="false"
href="#">2</a></li>
        <li class="page-item-file"><a
        class="page-link relative block
py-1.5 px-3 rounded border-0 bg-transparent outline-none
transition-all duration-300 text-white hover:text-white hover:bg-
sky-900 focus:shadow-none"
        data-click="false"
href="#">3</a></li>
        <li class="page-item-file"><a
        class="page-link relative block
py-1.5 px-3 rounded border-0 bg-transparent outline-none
transition-all duration-300 text-white hover:text-white hover:bg-
sky-900 focus:shadow-none"
        href="#" aria-label="Next" data-
click="false">
        <span
        aria-
hidden="true">&raquo;</span>
        </a></li>
        <li class="page-item-file"><a
        class="page-link relative block
py-1.5 px-3 rounded border-0 bg-transparent outline-none
transition-all duration-300 text-white hover:text-white hover:bg-
sky-900 focus:shadow-none"
        href="#" aria-label="Last" data-
page="false" data-click="false">
        <span
        aria-
hidden="true">Last</span>
        </a></li>
    </ul>
</nav>
</div>
</div>
</div>
</div>

<div class="w-full h-max-[40px] bg-sky-800 lg:w-[49%] mt-5
rounded-md p-4">
    <div class="flex flex-wrap flex-row items-center justify-
between">
        <h2 class="font-semibold text-xl mb-3 text-
white">Profile</h2>
    </div>

    <% if(typeof errorsUpdate !== 'undefined') {
if(errorsUpdate.length !== 0) { %>

```

```

        <div class="alert mt-2 bg-red-300 rounded-lg py-5 px-6 mb-
3 text-base text-red-700 inline-flex items-center w-full alert-
dismissible fade show"
            role="alert">
                <%= errorsUpdate %>
                <button type="button"
                    class="btn-close box-content w-4 h-4 p-1 ml-auto
text-yellow-900 border-none rounded-none opacity-50 focus:shadow-
none focus:outline-none focus:opacity-100 hover:text-yellow-900
hover:opacity-75 hover:no-underline"
                    data-bs-dismiss="alert"                                aria-
label="Close"></button>
            </div>
            <% } } %>

            <% if(typeof successUpdate !== 'undefined') {
if(successUpdate.length !== 0) { %>
                <div class="alert mt-2 bg-green-300 rounded-lg py-5 px-6
mb-3 text-base text-green-700 inline-flex items-center w-full
alert-dismissible fade show"
                    role="alert">
                        <%= successUpdate %>
                        <button type="button"
                            class="btn-close box-content w-4 h-4 p-1 ml-auto
text-yellow-900 border-none rounded-none opacity-50 focus:shadow-
none focus:outline-none focus:opacity-100 hover:text-yellow-900
hover:opacity-75 hover:no-underline"
                            data-bs-dismiss="alert"                                aria-
label="Close"></button>
                    </div>
                    <% } } %>

            <form action="/user?_method=PUT" method="POST">
                <input type="hidden" name="_id" value="<%= details._id
%>">

                <div class="w-full px-4 mb-8">
                    <label for="id" class="text-base font-thin text-
white">Id (NIM)</label>
                    <input type="text" name="nim" id="id" value="<%=
details.uid %>"
                        class="w-full bg-sky-700 text-sky-200 p-3
rounded-md focus:outline-none focus:ring-sky-400 focus:ring-1" />
                    </div>
                    <div class="w-full px-4 mb-8">
                        <label for="id" class="text-base font-thin text-
white">Name</label>
                        <input type="text" name="name" id="name" value="<%=
details.name %>"
                            class="w-full bg-sky-700 text-sky-200 p-3
rounded-md focus:outline-none focus:ring-sky-400 focus:ring-1" />
                    </div>

```

```

        <div class="w-full px-4 mb-8">
            <label for="password" class="text-base font-thin
text-white">Password</label>
            <input type="password" name="password"
id="password" class="w-full bg-sky-700 text-sky-200 p-3 rounded-
md focus:outline-none
                focus:ring-sky-400 focus:ring-1" />
        </div>
        <button type="submit" class="w-full bg-sky-700 py-2
rounded-lg text-white hover:bg-sky-600">Update
        Profile</button>
    </form>

</div>
</div>

<div class="modal fade fixed top-0 left-0 hidden w-full h-full
outline-none overflow-x-hidden overflow-y-auto "
    id="addFilesModal" tabindex="-1" aria-
labelledby="addFilesModalTitle" aria-modal="true" role="dialog">
    <div class="modal-dialog modal-dialog-centered relative w-auto
pointer-events-none">
        <div
            class="modal-content border-none shadow-lg relative
flex flex-col w-full pointer-events-auto bg-sky-800 bg-clip-padding
rounded-md outline-none text-current backdrop-filter backdrop-blur-
lg bg-opacity-30">
            <div
                class="modal-header flex flex-shrink-0 items-
center justify-between p-4 border-b border-gray-700 rounded-t-md
backdrop-filter backdrop-blur-lg bg-opacity-30">
                <h5 class="text-xl font-medium leading-normal text-
sky-200" id="exampleModalScrollableLabel">
                    Add Files
                </h5>
                <button type="button"
                    class="btn-close box-content w-4 h-4 p-1 text-
black border-none rounded-none opacity-50 focus:shadow-none
focus:outline-none focus:opacity-100 hover:text-black
hover:opacity-75 hover:no-underline"
                    data-bs-dismiss="modal" aria-
label="Close"></button>
            </div>
            <div class="modal-body relative bg-sky-800 p-4">
                <form action="/pdf" method="POST"
enctype="multipart/form-data">
                    <div class="w-full px-4 mb-8">
                        <label for="id" class="text-base font-thin
text-white">Title</label>
                        <input type="text" name="title" id="id"

```

```

        class="w-full bg-sky-700 text-sky-200
p-3 rounded-md focus:outline-none focus:ring-sky-400 focus:ring-1"
/>
    </div>
    <div class="w-full my-5 px-4 flex items-center
justify-between text-sky-200">
        <label for="upload">Upload Your File
(*.pdf)</label>
        <input
            class="file:bg-sky-700 file:border-0
file:text-white file:rounded-md file:p-2 file:hover:bg-sky-600"
            type="file" name="upload">
    </div>
</div>
<div
    class="modal-footer flex flex-shrink-0 flex-wrap
items-center justify-end p-4 border-t border-gray-700 rounded-b-md
bg-sky-800">
    <button type="submit" class="w-full bg-sky-700 py-
2 rounded-lg text-white hover:bg-sky-600">
        Add File
    </button>
</form>
</div>
</div>
</div>
</div>

<div class="modal fade fixed top-0 left-0 hidden w-full h-full
outline-none overflow-x-hidden overflow-y-auto "
    id="deleteFileModal" tabindex="-1" aria-
labelledby="deleteFileModalTitle" aria-modal="true" role="dialog">
    <div class="modal-dialog modal-dialog-centered relative w-auto
pointer-events-none bg-opacity-30">
        <div
            class="modal-content border-none shadow-lg relative
flex flex-col w-full pointer-events-auto bg-sky-800 bg-clip-padding
rounded-md outline-none text-current backdrop-filter backdrop-blur-
lg bg-opacity-30">
            <div
                class="modal-header flex flex-shrink-0 items-
center justify-between p-4 border-b border-gray-700 rounded-t-md
backdrop-filter backdrop-blur-lg bg-opacity-30">
                <h5 class="text-xl font-medium leading-normal text-
sky-200" id="exampleModalScrollableLabel">
                    Delete File
                </h5>
                <button type="button"
                    class="btn-close box-content w-4 h-4 p-1 text-
white border-none rounded-none opacity-50 focus:shadow-none

```

```

focus:outline-none          focus:opacity-100          hover:text-black
hover:opacity-75 hover:no-underline"
          data-bs-dismiss="modal"          aria-
label="Close"></button>
</div>
<div class="modal-body relative bg-sky-800 p-4
backdrop-filter backdrop-blur-lg bg-opacity-30">
  <p id="text-delete-file" class="text-white text-
base"></p>
  <form action="/pdf?_method=DELETE" method="POST">
    <input type="hidden" id="del-file-id"
name="id" value="">
    <input type="hidden" id="del-file-title"
name="title" value="">
  </div>
  <div
    class="modal-footer flex flex-shrink-0 flex-wrap
items-center justify-end p-4 border-t border-gray-700 rounded-b-md
bg-sky-800 backdrop-filter backdrop-blur-lg bg-opacity-30">
    <button type="submit" class="w-full bg-sky-700 py-
2 rounded-lg text-white hover:bg-sky-600"
      id="modal-sub-user">
      Delete File
    </button>
  </form>
</div>
</div>
</div>
</div>

<script>
  const idDeleteFile = document.querySelector('#del-file-id')
  const nameDeleteFile = document.querySelector('#del-file-
title')
  const deleteTextFile = document.querySelector('#text-delete-
file')

  const tableFile = document.querySelector('#table-file')
  const navigationFile = document.querySelectorAll('.page-item-
file')
  let currentPageFile = 0
  let totalPageFile = 0
  const limitFile = 5
  updateFileTable(currentPageFile)

  async function updateFileTable(page) {
    const result = await
getApi(`/file?limit=${limitFile}&pages=${page}`)
    // return console.log(result)
    const data = result.data
    currentPageFile = result.currentPage

```

```

totalPageFile = result.totalPages
tableFile.innerHTML = ''
let number = (currentPageFile * limitFile) + 1
for (const file of data) {
  tableFile.innerHTML += `
    <tr class="border-b border-sky-500">
      <td class="px-6 py-4 whitespace-nowrap text-sm
font-medium">${number}</td>
      <td class="text-sm font-light px-6 py-4 whitespace-
nowrap">${file.name}</td>
      <td class="text-sm font-light px-6 py-4 whitespace-
nowrap">
        <a
          href="docs/${file.fileName}"
          target="_blank"
          class="w-full mx-1 bg-sky-700 p-3 rounded-
lg text-white hover:bg-green-500">
            <i class="fa-solid fa-eye"></i>
          </a>
          <a href="" class="w-full mx-1 bg-sky-700 p-3
rounded-lg text-white hover:bg-red-500 delete-file"
            data-id="${file._id}"
            data-name="${file.name}"
            data-bs-toggle="modal"
            data-bs-target="#deleteFileModal">
              <i class="fa-solid fa-trash"></i>
            </a>
          </td>
        </tr>
      `
  number++
}
const deleteFile = document.querySelectorAll('.delete-
file')
deleteFile.forEach(file => {
  file.addEventListener('click', e => {
    e.preventDefault()
    idDeleteFile.value = file.getAttribute('data-id')
    nameDeleteFile.value = file.getAttribute('data-
name')
    deleteTextFile.textContent =
      `Are You Sure Want Delete File With Title
${file.getAttribute('data-name')} ?`
  })
})

let newCurrentPage = getNumberPage(currentPageFile,
totalPageFile)
for (const nav of navigationFile) {
  if (nav.children[0].ariaLabel === 'Previous') {
    nav.children[0].dataset.page = (currentPageFile -
1)
    if (nav.children[0].dataset.click === 'false') {

```

```

        pagingButtonListener(nav.children[0], 'prev')
    }
    } else if (nav.children[0].ariaLabel === 'Next') {
        nav.children[0].dataset.page = (currentPageFile +
1)
        if (nav.children[0].dataset.click === 'false') {
            pagingButtonListener(nav.children[0], 'next')
        }
    } else if (nav.children[0].ariaLabel === 'First') {
        if (nav.children[0].dataset.click === 'false') {
            nav.addEventListener('click', e => {
                if (currentPageFile === 0) return
e.preventDefault()
                updatePage(e, 1)
            })
            nav.children[0].dataset.click = 'true'
        }
    } else if (nav.children[0].ariaLabel === 'Last') {
        if (nav.children[0].dataset.click === 'false') {
            nav.addEventListener('click', e => {
                if (currentPageFile === totalPageFile - 1)
return e.preventDefault()
                updatePage(e, totalPageFile)
            })
            nav.children[0].dataset.click = 'true'
        }
    } else {
        nav.children[0].textContent = newCurrentPage
        if (currentPageFile + 1 === newCurrentPage) {
            removeIfExists(nav.children[0], 'bg-
transparent')
            addIfNotExist(nav.children[0], 'bg-sky-900')
        } else {
            removeIfExists(nav.children[0], 'bg-sky-900')
            addIfNotExist(nav.children[0], 'bg-
transparent')
        }
    }

    if (newCurrentPage > totalPageFile)
nav.style.display = 'none'
    // console.log(nav.children[0].dataset.click)
    if (nav.children[0].dataset.click === 'false') {
        pagingButtonListener(nav.children[0])
    }
    newCurrentPage++
}

}

}

```

```

function pagingButtonListener(nav, option = '') {
  nav.addEventListener('click', (e) => {
    e.preventDefault()
    if (option === 'next')
      if (currentPageFile === (totalPageFile - 1)) return
    if (option === 'prev')
      if (currentPageFile === 0) return
    updatePage(e, (Number(nav.dataset.page) + 1) ||
Number(nav.textContent))
  })
  nav.dataset.click = 'true'
}

function updatePage(e, page) {
  e.preventDefault()
  updateFileTable(page - 1)
}

async function getApi(url) {
  const response = await fetch(url)
  const result = await response.json()
  return result
}

function getNumberPage(currentPage, totalPage) {
  if (currentPage == 0) {
    return currentPage + 1
  }
  if (currentPage + 1 == totalPage && totalPage > 2) {
    return currentPage - 1
  }
  return currentPage
}

function prevent(e) {
  e.preventDefault()
}

function removeIfExist(removeItem, removeClass) {
  if (removeItem.classList.contains(removeClass))
removeItem.classList.remove(removeClass)
}

function addIfNotExist(addItem, addClass) {
  if (!addItem.classList.contains(addClass))
addItem.classList.add(addClass)
}
</script>

<% } } %>

```

```

<%- include('partials/result-none') %>

<script defer>
  "use strict"
  document.addEventListener('DOMContentLoaded', () => {
    const checkPlags = document.querySelector('#check')
    const uploadPlags = document.querySelector('#upload-res')
    const resultSection = document.querySelector('#result-
none')
    const spinner = document.querySelector('#spinner')
    const spinnerT = document.querySelector('#loading-number')

    const fileName = document.querySelector('#file-name')
    const fileSize = document.querySelector('#file-size')
    const fileChar = document.querySelector('#file-char')
    const fileWord = document.querySelector('#file-word')

    const textUniq = document.querySelector('#text-uniq')
    const textPlag = document.querySelector('#text-plag')
    const barUniq = document.querySelector('#bar-uniq')
    const barPlag = document.querySelector('#bar-plag')
    const previewPlag = document.querySelector('#preview')
    const errorDokumen = document.querySelector('#error-file')

    const tableFile = document.querySelector('#table-result')

    checkPlags.addEventListener('click', e => {
      e.preventDefault()
      if (uploadPlags.files.length === 0) return
      if (spinner.classList.contains('hidden')) {
        spinner.classList.remove('hidden')
        spinner.classList.add('flex')
      }
      if (!resultSection.classList.contains('hidden'))
resultSection.classList.add('hidden')
      const formData = new FormData()
      formData.append('upload-res', uploadPlags.files[0])
      formData.append('text',
document.querySelector('textarea').value)
      const [file] = uploadPlags.files
      if (errorDokumen.classList.contains('inline-flex')) {
        errorDokumen.classList.add('hidden')
        errorDokumen.classList.remove('inline-flex')
      }
      if (file.name.split('.')[1].toLowerCase() !== 'pdf') {
        spinner.classList.add('hidden')
        spinner.classList.remove('flex')
        if (errorDokumen.classList.contains('hidden')) {
          errorDokumen.classList.remove('hidden')
          errorDokumen.classList.add('inline-flex')
        }
      }
    })
  })

```

```

        return console.log('gagal')
    }
    //
    console.log(file.name.split('.')[1].toLowerCase() === 'pdf')
    previewPlag.src = URL.createObjectURL(file)

    fetch('/result-none', {
        method: 'post',
        body: formData
    }).then(res => {
        return res.json()
    }).then(async res => {
        resultSection.classList.remove('hidden')
        const data = res.data
        const trainData = res.file
        const user = res.user

        let allData = {}
        let all = []

        addDict(data, all)
        trainData.forEach(data => {
            addDict(data.text, all)
        })

        all = [...new Set(all)]
        all.forEach(e => allData[e] = {})

        data.split(' ').forEach(e => {
            allData[e]['s'] = (allData[e]['s'] || 0) + 1
        })

        trainData.forEach((str, i) => {
            str.text.split(' ').forEach(f => {
                allData[f]['s' + (i + 1)] = (allData[f]['s'
+
                    (i + 1)
                ] || 0) + 1
            })
        })

        let resultAll = []

        let averageSimilarity = 0
        const keys = Object.keys(allData)
        for (let i = 0; i < trainData.length; i++) {
            let e = 's' + (i + 1)
            let aTimesB = 0
            let aa = 0
            let bb = 0

```

```

        keys.forEach(f => {
            const a = allData[f]['s'] || 0
            const b = allData[f][e] || 0
            aTimesB += a * b
            aa += a * a
            bb += b * b
        })

        const result = (2 * aTimesB) / (aa + bb)
        // console.log(
        //     `Similarity Data ${i + 1} Is
        ${Math.round(result * 100)} %`
        // )
        resultAll.push({
            file: trainData[i],
            result: Math.round(result * 100)
        })
        averageSimilarity += Math.round(result * 100)
    }
    averageSimilarity /= trainData.length
    averageSimilarity = Math.round(averageSimilarity)
    spinnerT.textContent = 'Selesai'
    await sleep()
    if (spinner.classList.contains('flex')) {
        spinner.classList.remove('flex')
        spinner.classList.add('hidden')
    }
    resultAll.sort((a, b) => (a.result < b.result) ? 1
: -1)

    // console.log(resultAll, averageSimilarity)
    // resultAll = resultAll.filter(result => {
    //     return result.result > 40
    // })
    resultAll = resultAll.slice(0, 10)

    fileName.textContent = 'File Name : ' +
res.fileUpload.name
    fileSize.textContent = 'File Size : ' +
formatBytes(res.fileUpload.size)
    fileChar.textContent = 'Character : ' +
separator(res.fileUpload.char)
    fileWord.textContent = 'Words : ' +
separator(res.fileUpload.word)

    textUniq.textContent = 100 - averageSimilarity
    textPlag.textContent = averageSimilarity
    barUniq.textContent = 100 - averageSimilarity + '
%'

    barUniq.style.width = 100 - averageSimilarity + '%'
    barPlag.textContent = averageSimilarity + '%'
    barPlag.style.width = averageSimilarity + '%'

```

```

tableFile.innerHTML = ''
resultAll.forEach((res, i) => {
  const index = user.findIndex(o => {
    return o._id === res.file.uploader
  })
  const tr = document.createElement('tr')
  tr.classList.add('border-b', 'border-sky-500')

  const tdFileNumber =
document.createElement('td')
  tdFileNumber.classList.add('px-6', 'py-4',
'whitespace-nowrap',
    'text-sm', 'font-medium')
  tdFileNumber.textContent = i + 1
  tr.appendChild(tdFileNumber)

  const tdFileName =
document.createElement('td')
  tdFileName.classList.add('text-sm', 'font-
light', 'px-6',
    'py-4')
  tdFileName.textContent = res.file.name
  tr.appendChild(tdFileName)

  const tdFileUploader =
document.createElement('td')
  tdFileUploader.classList.add('text-sm', 'font-
light', 'px-6',
    'py-4')
  tdFileUploader.textContent = user[index].name
  tr.appendChild(tdFileUploader)

  const tdFileResult =
document.createElement('td')
  tdFileResult.classList.add('text-sm', 'font-
light', 'px-6',
    'py-4', 'whitespace-nowrap')
  tdFileResult.textContent = res.result + ' %'
  tr.appendChild(tdFileResult)

  const tdFileShow =
document.createElement('td')
  tdFileShow.classList.add('text-sm', 'font-
light', 'px-6',
    'py-4', 'whitespace-nowrap')
  const link = document.createElement('a')
  link.classList.add('w-full', 'bg-sky-700', 'p-
3',
    'rounded-lg', 'text-white')
  link.textContent = 'Show'

```

```

        link.href = 'docs/' + res.file.fileName
        link.target = '_blank'
        tdFileShow.appendChild(link)
        tr.appendChild(tdFileShow)

        tableFile.appendChild(tr)
    })
})

function sleep() {
    return new Promise(resolve => setTimeout(resolve, 100))
}

function formatBytes(bytes, decimals = 2) {
    if (bytes === 0) return '0 Bytes'

    const k = 1024
    const dm = decimals < 0 ? 0 : decimals
    const sizes = ['Bytes', 'Kb', 'Mb', 'Gb', 'Tb', 'Pb',
'Eb', 'Zb', 'Yb']

    const i = Math.floor(Math.log(bytes) / Math.log(k))

    return parseFloat((bytes / Math.pow(k, i)).toFixed(dm))
+ ' ' + sizes[i]
}

function addDict(datax, to) {
    to.push(...datax.toLowerCase().split(' '))
}
// function addDict(datax, to) {
//     datax.toLowerCase().split(' ').forEach(e => {
//         e.trim()
//         if (!to.hasOwnProperty(e)) to[e] = {}
//     })
// }

function separator(num) {
    let str = num.toString().split(".");
    str[0] = str[0].replace(/B(?=(\d{3})+(?!\\d))/g, ".");
    return str.join(".");
}

})
</script>

-views/index.ejs
<!DOCTYPE html>
<html lang="en">

```

```

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>PlagCheck</title>
  <link rel="stylesheet" href="csss/output.css">
  <script      src="https://kit.fontawesome.com/524dd30d0c.js"
crossorigin="anonymous"></script>
</head>

<body class="bg-dark">

  <!-- Nav Section -->
  <header
    class="bg-slate-900 top-0 left-0 w-full flex items-center
p-2 backdrop-filter backdrop-blur-lg bg-opacity-30 border-b border-
gray-800 sticky">
    <div class="container">
      <div class="flex items-center justify-between">
        <div class="px-4">
          <a href="" class="block font-bold lg:text-xl
text-white py-4">Plagiarsm Checker</a>
        </div>
        <nav class="text-white font-normal">
          <ul class="flex">
            <li class="mx-1 lg:mx-3 p-2 hover:bg-slate-
700 hover:rounded-xl">Beranda</li>
            <li class="mx-1 lg:mx-3 p-2 hover:bg-slate-
700 hover:rounded-xl ">Tentang Saya</li>
            <li class="mx-1 lg:mx-3 py-2 px-4 bg-slate-
800 text-white rounded-xl hover:bg-slate-700">Masuk
            </li>
          </ul>
        </nav>
      </div>
    </div>
  </header>
  <!-- Nav Section -->

  <!-- Description Section -->
  <section class="mt-10 text-white min-h-8 lg:mt-0">
    <div class="container">
      <div class="flex flex-wrap items-center">
        <div class="p-5 w-full h-40 lg:w-1/2 lg:h-full">
          <h1 class="font-bold text-2xl my-
auto">Plagiarism Checker</h1>
          <p class="text-base">Website Ini Menggunakan
Metode Jaccard Coefficient Untuk Mempersentasekan
Kemiripian Dokumen Anda

```

```

Database</p>
    </div>
    <div class="w-full my-4 lg:w-1/2 p-3">
        <div class="p-4">
            <form action="">
                <div class="w-full px-4">
                    <textarea type="text" id="text"
                        class="w-full bg-slate-800
text-white p-3 rounded-md h-48 focus:border-2 focus:border-slate-
700 focus:outline-none resize-none"
                        placeholder="Input Your
Text"></textarea>
                </div>
                <div class="w-full my-5 px-4 flex
items-center justify-between">
                    <label for="upload">or Upload Your
File (*.pdf)</label>
                    <input
                        class="file:bg-slate-800
file:border-0 file:text-white file:rounded-md file:p-2
file:hover:bg-slate-700"
                        type="file" name="upload">
                    </div>
                    <button type="submit"
                        class="w-full bg-slate-800 py-2
rounded-lg text-white hover:bg-slate-700"> <i
                        class="fa-solid fa-magnifying-
glass mr-2"></i> Check
                        Plagiarism</button>
                </form>
            </div>
        </div>
    </div>
</div>
</section>
<!-- Description Section -->

<!-- Result -->

<section class="pt-20 text-white">
    <div class="container">
        <div class="w-full px-4 text-center">
            <h1 class="font-semibold text-2xl mb-
2">Result</h1>
        </div>
        <div class="flex flex-wrap justify-between">
            <div class="w-full lg:w-[49%] bg-slate-800 rounded-
md p-4">

```

```

<h2 class="font-semibold text-xl mb-3">Details</h2>
<div class="flex">
  <p class="text-base w-1/2">Character :
2000</p>
  <p class="text-base w-1/2">Words : 50</p>
</div>
</div>
<div class="w-full mt-5 lg:w-[49%] lg:mt-0 bg-slate-800 rounded-md p-4">
  <h2 class="font-semibold text-xl mb-3">Plagirism Percentage</h2>
  <div class="flex">
    <p class="text-base w-1/2">Unique : 40%</p>
    <p class="text-base w-1/2">Plagiarism :
60%</p>
  </div>
  <div class="w-full mt-3 flex bg-slate-900 rounded-full">
    <div
      class="bg-slate-700 text-s font-medium text-blue-100 text-center p-0.5 leading-none rounded-l-full w-[60%]">
      60%
    </div>
    <div class="text-s font-medium text-blue-100 text-center p-0.5 leading-none w-[40%]">
      40%
    </div>
  </div>
</div>
<div class="w-full bg-slate-800 mt-5 rounded-md p-4">
  <h2 class="font-semibold text-xl mb-3">File With High Similarity</h2>
  <table class="min-w-full text-white table-auto">
    <thead class="border-b border-slate-500 font-semibold">
      <tr>
        <th scope="col" class="text-sm font-medium px-6 py-4 text-left">#
        </th>
        <th scope="col" class="text-sm font-medium px-6 py-4 text-left">Title Pdf
        </th>
        <th scope="col" class="text-sm font-medium px-6 py-4 text-left">Similarity
      </tr>
    </thead>
  </table>

```

```

        </th>
        <th scope="col" class="text-sm
font-medium px-6 py-4 text-left">
            Show
        </th>
    </tr>
</thead>
<tbody>
    <tr class="border-b border-slate-500">
        <td class="px-6 py-4 whitespace-
nowrap text-sm font-medium">1</td>
        <td class="text-sm font-light px-6
py-4">
            Analisa Hasil USaha Dalam
Rangka Menyambut Hari H
        </td>
        <td class="text-sm font-light px-6
py-4 whitespace-nowrap">
            50 %
        </td>
        <td class="text-sm font-light px-6
py-4 whitespace-nowrap">
            <a href="" class="w-full bg-
slate-700 p-3 rounded-lg text-white">
                Show
            </a>
        </td>
    </tr>
    <tr class="border-b border-slate-500">
        <td class="px-6 py-4 whitespace-
nowrap text-sm font-medium">2</td>
        <td class="text-sm font-light px-6
py-4">
            Analisa Hasil USaha Dalam
Rangka Menyambut Hari H
        </td>
        <td class="text-sm font-light px-6
py-4 whitespace-nowrap">
            50 %
        </td>
        <td class="text-sm font-light px-6
py-4 whitespace-nowrap">
            <a href="" class="w-full bg-
slate-700 p-3 rounded-lg text-white">
                Show
            </a>
        </td>
    </tr>
</tbody>
</table>
</div>

```

```

        </div>
    </div>
</section>

<!-- Result -->

<!-- User and File View -->

<section>
    <div class="container">
        <div class="flex flex-wrap justify-between">
            <div class="w-full bg-slate-800 lg:w-[49%] mt-5
rounded-md p-4">
                <h2 class="font-semibold text-xl mb-3 text-
white">All User</h2>
                <table class="min-w-full text-white table-
auto">
                    <thead class="border-b border-slate-500
font-semibold">
                        <tr>
                            <th scope="col" class="text-sm
font-medium px-6 py-4 text-left">
                                #
                            </th>
                            <th scope="col" class="text-sm
font-medium px-6 py-4 text-left">
                                Username
                            </th>
                            <th scope="col" class="text-sm
font-medium px-6 py-4 text-left">
                                Id (NIM)
                            </th>
                            <th scope="col" class="text-sm
font-medium px-6 py-4 text-left">
                                Action
                            </th>
                        </tr>
                    </thead>
                    <tbody>
                        <tr class="border-b border-slate-500">
                            <td class="px-6 py-4 whitespace-
nowrap text-sm font-medium">1</td>
                            <td class="text-sm font-light px-6
py-4">
                                Aris Akhyar Abdillah
                            </td>
                            <td class="text-sm font-light px-6
py-4 whitespace-nowrap">
                                H071171505
                            </td>

```

```

py-4 whitespace-nowrap">
        <td class="text-sm font-light px-6
            <a href=""
                class="w-full mx-1 bg-
slate-700 p-3 rounded-lg text-white hover:bg-yellow-500">
                <i class="fa-solid fa-
pencil"></i>
            </a>
            <a href=""
                class="w-full mx-1 bg-
slate-700 p-3 rounded-lg text-white hover:bg-red-500">
                <i class="fa-solid fa-
trash"></i>
            </a>
        </td>
    </tr>
</tbody>
</table>
</div>

<div class="w-full bg-slate-800 lg:w-[49%] mt-5
rounded-md p-4">
    <h2 class="font-semibold text-xl mb-3 text-
white">All Files</h2>
    <table class="min-w-full text-white table-
auto">
        <thead class="border-b border-slate-500
font-semibold">
            <tr>
                <th scope="col" class="text-sm
font-medium px-6 py-4 text-left">
                    #
                </th>
                <th scope="col" class="text-sm
font-medium px-6 py-4 text-left">
                    Title
                </th>
                <th scope="col" class="text-sm
font-medium px-6 py-4 text-left">
                    Uploader
                </th>
                <th scope="col" class="text-sm
font-medium px-6 py-4 text-left">
                    Action
                </th>
            </tr>
        </thead>
        <tbody>
            <tr class="border-b border-slate-500">
                <td class="px-6 py-4 whitespace-
nowrap text-sm font-medium">1</td>

```

```

py-4">
    <td class="text-sm font-light px-6
    Analisa Hasil Usaha Dalam
Rangka Menyambut Hari H
    </td>
    <td class="text-sm font-light px-6
py-4 whitespace-nowrap">
    H071171505
    </td>
    <td class="text-sm font-light px-6
py-4 whitespace-nowrap">
    <a href=""
        class="w-full mx-1 bg-
slate-700 p-3 rounded-lg text-white hover:bg-green-500">
        <i class="fa-solid fa-
eye"></i>
    </a>
    <a href=""
        class="w-full mx-1 bg-
slate-700 p-3 rounded-lg text-white hover:bg-red-500">
        <i class="fa-solid fa-
trash"></i>
    </a>
    </td>
    </tr>
    </tbody>
    </table>
    </div>
    </div>
    </div>
    </div>
    </section>

    <!-- User and File View -->

    <!-- Login -->
    <section>
        <div class="container">
            <div class="w-full my-4 lg:w-1/2 lg:mx-auto p-3 text-
white bg-slate-800 rounded-md">
                <h2 class="font-semibold text-2xl mb-2 text-
center">Login To Application</h2>
                <div class="p-4">
                    <form action="">
                        <div class="w-full px-4 mb-8">
                            <label for="id" class="text-base font-
thin text-white">Id (NIM)</label>
                            <input type="text" id="id"
                                class="w-full bg-slate-700 text-
slate-200 p-3 rounded-md focus:outline-none focus:ring-slate-400
focus:ring-1" />
                        </div>

```

```

        <div class="w-full px-4 mb-8">
            <label for="password" class="text-base
font-thin text-white">Password</label>
            <input type="password" id="password"
class=" w-full bg-slate-700 text-slate-200 p-3 rounded-md
focus:outline-none
            focus:ring-slate-400 focus:ring-1" />
        </div>
        <button type="submit"
            class="w-full bg-slate-700 py-2
rounded-lg text-white hover:bg-slate-600">Login</button>
        </form>
    </div>
</div>
</div>
</section>
<!-- Login -->

<!-- Footer -->
<footer class="bg-dark pt-10 pb-5">
    <div class="container">
        <div class="w-full pt-10 border-t border-slate-700">
            <div class="flex items-center justify-center mb-5">
                <!-- Whatsapp -->
                <a
                    href="https://wa.me/+6282195008936"
target="_blank"
                    class="w-9 h-9 mr-2 flex justify-center
items-center">
                    <svg role="img" width="25" class="fill-
white hover:fill-slate-700" viewBox="0 0 24 24"
                    xmlns="http://www.w3.org/2000/svg">
                        <title>WhatsApp</title>
                        <path
                            d="M17.472 14.382c-.297-.149-
1.758-.867-2.03-.967-.273-.099-.471-.148-.67.15-.197.297-.767.966-
.94 1.164-.173.199-.347.223-.644.075-.297-.15-1.255-.463-2.39-
1.475-.883-.788-1.48-1.761-1.653-2.059-.173-.297-.018-.458.13-
.606.134-.133.298-.347.446-.52.149-.174.198-.298.298-.497.099-
.198.05-.371-.025-.52-.075-.149-.669-1.612-.916-2.207-.242-.579-
.487-.5-.669-.51-.173-.008-.371-.01-.57-.01-.198 0-.52.074-
.792.372-.272.297-1.04 1.016-1.04 2.479 0 1.462 1.065 2.875 1.213
3.074.149.198 2.096 3.2 5.077 4.487.709.306 1.262.489
1.694.625.712.227 1.36.195 1.871.118.571-.085 1.758-.719 2.006-
1.413.248-.694.248-1.289.173-1.413-.074-.124-.272-.198-.57-.347m-
5.421 7.403h-.004a9.87 9.87 0 01-5.031-1.378l-.361-.214-
3.741.982.998-3.648-.235-.374a9.86 9.86 0 01-1.51-5.26c.001-5.45
4.436-9.884 9.888-9.884 2.64 0 5.122 1.03 6.988 2.898a9.825 9.825
0 012.893 6.994c-.003 5.45-4.437 9.884-9.885 9.884m8.413-
18.297A11.815 11.815 0 0012.05 0C5.495 0 .16 5.335.157 11.892c0
2.096.547 4.142 1.588 5.945L.057 24l6.305-1.654a11.882 11.882 0

```

```

005.683 1.448h.005c6.554 0 11.89-5.335 11.893-11.893a11.821 11.821
0 00-3.48-8.413Z" />
    </svg>
  </a>
  <a
href="https://www.facebook.com/profile.php?id=100000053025926"
target="_blank"
class="w-9 h-9 mr-3 flex justify-center
items-center">
    <svg role="img" width="25" viewBox="0 0 24
24" class="fill-white hover:fill-slate-700"
xmlns="http://www.w3.org/2000/svg">
      <title>Facebook</title>
      <path
d="M24 12.073c0-6.627-5.373-12-12-12-
12s-12 5.373-12 12c0 5.99 4.388 10.954 10.125 11.854v-8.385H7.078v-
3.47h3.047V9.43c0-3.007 1.792-4.669 4.533-4.669 1.312 0 2.686.235
2.686.235v2.953H15.83c-1.491 0-1.956.925-1.956 1.874v2.25h3.328l-
.532 3.47h-2.796v8.385C19.612 23.027 24 18.062 24 12.073z" />
    </svg>
  </a>
  <a href="https://github.com/arxs-abd/arxs-abd"
target="_blank"
class="w-9 h-9 mr-3 flex justify-center
items-center">
    <svg role="img" width="25" class="fill-
white hover:fill-slate-700" viewBox="0 0 24 24"
xmlns="http://www.w3.org/2000/svg">
      <title>Git Hub</title>
      <path
d="M12 .297c-6.63 0-12 5.373-12 12
0 5.303 3.438 9.8 8.205 11.385.6113.82-.258.82-.577 0-.285-.01-
1.04-.015-2.04-3.338.724-4.042-1.61-4.042-1.61C4.422 18.07 3.633
17.7 3.633 17.7c-1.087-.744.084-.729.084-.729 1.205.084 1.838 1.236
1.838 1.236 1.07 1.835 2.809 1.305 3.495.998.108-.776.417-1.305.76-
1.605-2.665-.3-5.466-1.332-5.466-5.93 0-1.31.465-2.38 1.235-3.22-
.135-.303-.54-1.523.105-3.176 0 0 1.005-.322 3.3 1.23.96-.267 1.98-
.399 3-.405 1.02.006 2.04.138 3 .405 2.28-1.552 3.285-1.23 3.285-
1.23.645 1.653.24 2.873.12 3.176.765.84 1.23 1.91 1.23 3.22 0 4.61-
2.805 5.625-5.475 5.92.42.36.81 1.096.81 2.22 0 1.606-.015 2.896-
.015 3.286 0 .315.21.69.825.57C20.565 22.092 24 17.592 24 12.297c0-
6.627-5.373-12-12-12" />
    </svg>
  </a>
</div>
<p class="font-medium text-xs text-slate-500 text-
center">
  © 2022 Copyrigh : <span class="font-
semibold">Aris Akhyar Abdillah</span>.
</p>
</div>

```

```

    </div>
  </footer>

```

```

    <!-- Footer -->
  </body>

```

```

</html>

```

```
views/login-page.ejs
```

```
<%- include('partials/login') %>
```

```
views/main.ejs
```

```

<!DOCTYPE html>
<html lang="en">

```

```

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>PlagCheck</title>
  <link rel="stylesheet" href="css/output.css">
  <script src="https://kit.fontawesome.com/524dd30d0c.js"
crossorigin="anonymous"></script>
</head>

```

```
<body class="bg-sky-200">
```

```
  <%- include('partials/navbar') %>
```

```
  <%- body %>
```

```
  <%- include('partials/footer') %>
```

```

  <script src="js/tw/index.js"></script>
</body>

```

```
</html>
```

```
.env
```

```

MONGODB_URL=mongodb://127.0.0.1:27017/latihan
SECRET_KEY=1n15kr1ps1

```

```
index.js
```

```

require('dotenv').config()
const express = require('express')

```

```

const session = require('express-session')
const ejsLayout = require('express-ejs-layouts')
const bodyParser = require('body-parser')
const cookieParser = require('cookie-parser')
const flash = require('connect-flash')
const methodeOverride = require('method-override')

// Router
const activityRouter = require('./routes/activity')

const app = express()

app.set('view engine', 'ejs')

app.use(ejsLayout)
app.use(bodyParser.json())
app.use(bodyParser.urlencoded({
  extended : true
}))
app.use(express.static(__dirname + '/public'))
app.use(cookieParser('1n15KR1p51'))
app.use(session({
  resave: true,
  saveUninitialized: true,
  secret: '1n15KR1p51',
}))
app.use(methodeOverride('_method'))
app.use(flash())

app.use(activityRouter)

// listen on port
app.listen(3000, () => console.log('Server Running at
http://localhost:3000'))

```

package.json

```

{
  "name": "skripsi",
  "version": "1.0.0",
  "description": "Tugas Akhirku",
  "main": "index.js",
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1",
    "start": "node index.js",
    "dev": "nodemon -e js",
    "tailwind": "npx tailwindcss -i ./public/css/input.css -o
./public/css/output.css --watch"
  },

```

```

"keywords": [
  "skirpsi"
],
"author": "Aris Akhyar Abdillah",
"license": "ISC",
"dependencies": {
  "bcryptjs": "^2.4.3",
  "body-parser": "^1.20.0",
  "connect-flash": "^0.1.1",
  "cookie-parser": "^1.4.6",
  "dotenv": "^16.0.1",
  "ejs": "^3.1.8",
  "express": "^4.17.3",
  "express-ejs-layouts": "^2.5.1",
  "express-fileupload": "^1.3.1",
  "express-session": "^1.17.2",
  "express-validator": "^6.14.0",
  "flash": "^1.1.0",
  "jsonwebtoken": "^8.5.1",
  "method-override": "^3.0.0",
  "mongodb": "^4.4.1",
  "mongoose": "^6.2.10",
  "mongoose-paginate-v2": "^1.6.3",
  "multer": "^1.4.4",
  "nodemon": "^2.0.19",
  "pdf-parse": "^1.1.1",
  "sastrawijs": "^1.0.4",
  "tailwindcss": "^3.0.23",
  "tw-elements": "^1.0.0-alpha12"
}
}

```

Lampiran 2 (Detail Data Jurnal yang Digunakan)

NO	JUDUL JURNAL	PENULIS JURNAL	TAHUN
1	Aplikasi Budaya Toba Samosir Berbasis Android	Harni Kusniyati, Nicky Saputra Pangondian Sitanggang	2016
2	Aplikasi Mobile <i>Driver</i> Online Berbasis Android Untuk Perusahaan Rental Kendaraan	Surawijaya Surahman, Eko Budi Setiawan	2017
3	Aplikasi Penanda Lokasi Peta Digital Berbasis Mobile GIS pada <i>Smartphone</i> Android	Gunti Mustika Hati, Andri Suprayogi, Bandi Sasmito	2013
4	Media Pembelajaran Berbasis Android Pada Mata Pelajaran Sistem Operasi Jaringan Kelas XI	Joko Kuswanto, Ferri Radiansah	2018
5	Pembuatan Aplikasi Android <i>Driver Control</i> Sebagai Sarana Memonitor Anak Berkendara Secara Waktu-Nyata	Lia Lidya Roza, R. Rizal Isnanto, Eko Didik Widiyanto	2016
6	Pencarian Rumah Makan Berbasis Android	Faris Sifauttijani, Tri Listyorini, Rizkysari Meimaharani	2017
7	Pengembangan Bahan Ajar Interaktif Berbasis Android Pada Materi Jurnal Penyesuaian dan Jurnal Koreksi Untuk Kelas XII Akuntansi di SMKN 1 Surabaya	Arina Manasikana, Agung Listiadi	2017
8	Pengembangan <i>Game</i> Edukatif Berbasis Android Sebagai Media Pembelajaran Akuntansi Pada Materi Jurnal Penyesuaian Perusahaan Jasa	Ditto Rahmawan Putra, Mahendra Adhi Nugroho	2016
9	Perancangan Aplikasi Mobile <i>Learning</i> Berbasis Android di SMK Negeri 6 Padang	Rahmat Fadillah, Legiman Slamet	2019
10	Rancang Bangun Aplikasi Mobile Siska Berbasis Android	Ni Kadek Ceryna Dewi, Ida Bagus Gede Anandita, Ketut Jaya Atmaja, Putu Wirayudi Aditama	2018
11	Aplikasi <i>Internet Of Things</i> (IOT) Untuk Pemantauan Dan Pengendalian Beban Listrik Di Ruang	Erwan Eko Prasetyo	2017
12	Implementasi <i>Internet Of Things</i> Dalam Kehidupan Sehari-Hari	Ferdy Susanto, Ni Komang Prasiani, Putu Darmawan	2022

13	<i>Internet Of Things (IOT) Sistem Pengendalian Lampu Menggunakan Raspberry PI Berbasis Mobile</i>	Yoyon Efendi	2018
14	Pengembangan Instrumen Pengukuran Aliran Air Berbasis <i>Internet of Things (IoT)</i>	M. Irfan Wahyuni, Hollanda Arief Kusuma, Sapta Nugraha	2021
15	Pengendali Pintu Gerbang Berbasis IOT (<i>Internet of Thinigs Gate Controller Berbasis IOT (Internet of Things)</i>)	Putri Dwi Lestari, Lita Karlitasari, Sufiatul Maryana	2021
16	Perancangan Sistem Kamar Kos Pintar Berbasis IoT	Ricky Novian Riyadi, Esti Wijayanti, Alif Catur Murti	2020
17	Potensi Implementasi <i>Internet Of Things (IOT)</i> Untuk Perpustakaan	Teguh Prasetyo Utomo	2019
18	Potensi <i>Internet of Things (IoT)</i> dan Ragam Sensor untuk Layanan Kesehatan	Gelmy Fitriawan, Dikpride Despa, Ika Kustiani	2019
19	Sistem Kontrol dan <i>Monitoring Smart House</i> Berbasis IoT Dengan <i>Smartphone</i> Android	Gharisa Nur Alamsyah, Slamet Winardi	2022
20	Teknologi Kontrol Lampu dan Kunci Rumah Berbasis Internet of Thinigs (IoT)	Ahmad Fitriansyah, Mochammad Riyan Suryanto	2021
21	<i>Black Box Testing Boundary Value Analysis</i> Pada Aplikasi <i>Submission System</i>	Luthfie Auditya Amarul Ma'ruf, Condro Kartiko, Citra Wiguna	2020
22	Metode <i>Rapid Application Development (RAD)</i> pada Perancangan <i>Website Inventory</i> PT. Sarana Abadi Makmur Bersama (S.A.M.B) Jakarta	Oky Irnawati, Galih Bayu Aji Listianto	2018
23	Model <i>Prototyping</i> Pada Pengembangan Sistem Informasi	Dwi Purnomo	2017
24	Penerapan Metode <i>Prototype</i> Pada Perancangan Sistem Informasi Penggajian Karyawan (Persis Gawan) Berbasis Web	Eka Wulansari Fridayanthie, Haryanto, Tsamarah Tsabitah	2021
25	Penerapan Metode <i>Prototype</i> Dalam Perancangan Apikasi SIPINJAM Berbasis <i>Website</i> pada Credit Union Canaga Antutn	Petrus Yoko, Rabiatal Adwiya, Wahyu Nugraha	2019
26	Penerapan Metode <i>Rapid Application Development (RAD)</i> Dalam Pengembangan Sistem Informasi Data Toko	Yahya Dwi Wijaya	2020

27	Penerapan Metode <i>Waterfall</i> Pada Sistem Informasi Manajemen Buku Perpustakaan Berbasis Web	Yuni Eka Achyani, Sela Saumi	2019
28	Pengujian <i>Black Box</i> pada Aplikasi Sistem Informasi Akademik Menggunakan Teknik <i>Equivalence Partitioning</i>	Dwi Bahar Muslimin, Dwi Kusmanto, Karina Femi Amilia, Muhammad Syamsul Ariffin, Siti Mardiana, Yulianti	2020
29	Pengujian <i>Black Box</i> pada Aplikasi Sistem Seleksi Sales Terbaik Menggunakan Teknik <i>Equivalence Partitions</i>	Fadhila Cahya Ningrum, Dandi Suherman, Sita Aryanti, Handika Angga Prasetya, Aries Saifudin	2019
30	Pengujian <i>Black Box</i> Testing pada Aplikasi <i>Action & Strategy</i> Berbasis Android Dengan Teknologi <i>Phonegap</i>	Wahyu Nur Cholifah, Yulianingsih, Sri Melati Sagita	2018
31	Pelatihan melalui Web Seminar terkait Publikasi Artikel untuk Menembus Jurnal Sinta 2 dan Scopus	Amrie Firmansyah, Resi Ariyasa Qadri, Amardianto Arham	2020
32	Pemanfaatan Sistem Informasi Perpustakaan Digital Berbasis <i>Website</i> Untuk Para Penulis	Agus Prayitno, Yulia Safitri	2015
33	Penerapan <i>Business Process Modeling Notation</i> (BPMN) Untuk Memodelkan Kebutuhan Sistem Proses Penyuntingan Tulisan Pada <i>Website</i> Jurnal Jtriste	Gilbert Krisantoso, Irfan AP, Mohammad Fajar	2015
34	Pengembangan <i>Website</i> Unit Penelitian dan Pengabdian Kepada Masyarakat dan Penerapan Jurnal Elektronik Berbasis <i>Open Source</i> di Politeknik Negeri Kupang	Imanuel Christian Mauko, Nicodemus Mardanus Setiohardjo, Fredrik Paulus Noach	2017
35	Pengukuran Kualitas Layanan Website Kementerian Kominfo Dengan Menggunakan Metode <i>Webqual 4.0</i>	Iman Sanjaya	2012
36	Perancangan <i>Website</i> Sebagai Media Promosi dan Informasi	Penda Sudarto Hasugian	2018
37	Portal Publikasi Jurnal Karya Ilmiah Program Studi Sistem Informasi FTK Universitas Harapan Berbasis Web dengan	Marina Elsera	2018

	Metode Fast (<i>Framework For The Application of System Thinking</i>)		
38	Rancang Bangun Sistem Informasi Desa Berbasis <i>Website</i> (Studi Kasus Desa Netpala)	Jimi Asmara	2019
39	Rancang Bangun Sistem Informasi Evaluasi Siswa dan Kehadiran Guru Berbasis Web (Studi Kasus di SMK Nusa Putra Kota Tangerang)	Ahmad Yani, Beni Saputra	2018
40	Rancang Bangun <i>Website</i> untuk Memeriksa Plagiat <i>E-Journal</i> Fakultas Kedokteran Universitas Palangka Raya	Widiatry, Nova Noor Kamala Sari	2019