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Lampiran 1. Daftar tabel *database* Aplikasi Template Persuratan

Tabel isi_surat

Column	Type	Null	Default
id (<i>Primary</i>)	int(11)	No	
isi_surat	text	No	

indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	2	A	No	

Tabel jenis_surat

Column	Type	Null	Default
id (<i>Primary</i>)	int(11)	No	
jenis_surat	varchar(255)	No	

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	2	A	No	

Tabel surat_ralat_judul_skripsi (surat 1)

Column	Type	Null	Default
id (<i>Primary</i>)	int(15)	No	
nomor	varchar(255)	No	
jenis	varchar(255)	No	
lampiran	varchar(255)	No	
perihal	varchar(255)	No	
tujuan	text	Yes	NULL
tujuan2	varchar(255)	Yes	NULL
Alamat_tujuan	varchar(255)	No	
isi_surat	text	No	
tanggal	date	No	

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	22	A	No	
	BTREE	No	No	nomor	22	A	No	
	BTREE	No	No	jenis	2	A	No	
	BTREE	No	No	perihal	22	A	No	



(lanjutan)

Tabel surat koordinator MK & Lab.Matematika dasar (surat 2)

Column	Type	Null	Default
id (<i>Primary</i>)	int(15)	No	
nomor	varchar(255)	No	
tanggal	date	No	
lampiran	int(15)	No	
jenis	varchar(255)	No	
perihal	varchar(255)	No	
tujuan	varchar(255)	Yes	NULL
tujuan2	varchar(255)	Yes	NULL
alamat_tujuan	varchar(255)	No	
isi_surat	text	No	

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	5	A	No	
	BTREE	No	No	nomor	5	A	No	
	BTREE	No	No	jenis	5	A	No	
	BTREE	No	No	perihal	5	A	No	

Tabel template_surat

Column	Type	Null	Default
id (<i>Primary</i>)	int(16)	No	
surat	varchar(255)	No	

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	10	A	No	



Content_model.php

```

<?php

class Content_model extends CI_model {
    public function getAllContent()
    {
        return $this->db->get('Surat1')->result_array();
    }

    public function hapusDataContent($id)
    {
        $this->db->where('id', $id);
        $this->db->delete('surat1', ['id' => $id]);
        $this->db->query("ALTER TABLE surat1 AUTO_INCREMENT $id");
    }

    public function getContentById($id)
    {
        return $this->db->get_where('isi_surat', ['id' => $id])->row_array();
    }

    public function tambahDataContent()
    {
        $data = [
            "nomor" => $this->input->post('nomor', true),
            "lampiran" => $this->input->post('lampiran', true),
            "perihal" => $this->input->post('perihal', true),
            "kepada" => $this->input->post('kepada', true),
            "nama" => $this->input->post('nama', true),
            "nim" => $this->input->post('nim', true),
            "judul_lama" => $this->input->post('judul_lama', true),
            "judul_baru" => $this->input->post('judul_baru', true),
            "tanggal" => $this->input->post('tanggal', true)
        ];

        $this->db->insert('surat1', $data);
    }

    public function ubahDataContent($id)
    {
        $data = [
            "isi_surat" => $this->input->post('isi_surat', true)
        ];

        $this->db->where('id', $id);
        $this->db->update('isi_surat', $data);
    }
}

```



Ralat_judul_skripsi_model.php

```

<?php

class Ralat_judul_skripsi_model extends CI_model {
    public function getAll()
    {
        return $this->db->get('Surat1')->result_array();
    }

    public function hapusDataSurat($id)
    {
        $this->db->where('id', $id);
        $this->db->delete('surat1', ['id' => $id]);
        $this->db->query("ALTER TABLE surat1 AUTO_INCREMENT $id");
    }

    public function getSuratById($id)
    {
        return $this->db->get_where('surat1', ['id' => $id])->row_array();
    }

    public function tambahDataSurat()
    {
        $temp = $this->input->post('tujuan');

        foreach($temp as $val1)
        {
            $temparr = $temparr . $val1. "<br>";
        }

        $temparr = substr(trim($temparr), 0, -1);

        $data = [

            "nomor" => $this->input->post('nomor', true),
            "lampiran" => $this->input->post('lampiran', true),
            "perihal" => $this->input->post('perihal', true),
            "jenis" => $this->input->post('jenis', true),
            "tujuan" => $temparr,
            "tujuan2" => $this->input->post('tujuan2', true),
            "alamat_tujuan" => $this->input->post('alamat_tujuan', true),
            "isi_surat" => $this->input->post('isi_surat', true),
            "tanggal" => $this->input->post('tanggal', true)
        ];

        $this->db->insert('surat1', $data);
    }

    public function ubahIsi()
    {
        $data = [
            "isi_surat" => $this->input->post('isi_surat', true)
        ];
    }
}

```



```

    $this->db->where('id', $this->input->post('id')); // query ubah berdasarkan id
    $this->db->update('isi_surat', $data); // query mengubah data isi surat
}
}

```

Usulan_koordinator_mk_model.php

```

<?php

class Usulan_koordinator_mk_model extends CI_model {
    public function getAll()
    {
        return $this->db->get('Surat2')->result_array();
    }

    public function hapusDataSurat($id)
    {
        $this->db->where('id', $id);
        $this->db->delete('surat2', ['id' => $id]);
        $this->db->query("ALTER TABLE surat2 AUTO_INCREMENT $id");
    }

    public function getSuratById($id)
    {
        return $this->db->get_where('surat2', ['id' => $id])->row_array();
    }

    public function tambahDataSurat()
    {
        $temp = $this->input->post('tujuan');

        foreach($temp as $val1)
        {
            $temparr = $temparr . $val1."<br>";
        }

        $data = [
            "nomor" => $this->input->post('nomor', true),
            "lampiran" => $this->input->post('lampiran', true),
            "perihal" => $this->input->post('perihal', true),
            "jenis" => $this->input->post('jenis', true),
            "tujuan" => $temparr,
            "tujuan2" => $this->input->post('tujuan2', true),
            "alamat_tujuan" => $this->input->post('alamat_tujuan', true),
            "isi_surat" => $this->input->post('isi_surat', true),
            "tanggal" => $this->input->post('tanggal', true)
        ];

        $this->db->insert('surat2', $data);
    }
}

```



Surat_model

<?php

```

class Surat_model extends CI_model {
    public function getAllJenisSurat()
    {
        return $this->db->get('jenis_surat')->result_array();
    }

    public function getSurat($js, $column)
    {
        $this->db->select('*');
        $this->db->limit(10);
        $this->db->from('jenis_surat');
        $this->db->like('jenis_surat', $js);
        return $this->db->get()->result_array();
    }

    public function hapusDataSurat($id)
    {
        $this->db->where('id', $id);
        $this->db->delete('template_surat', ['id' => $id]);
    }

    public function getSuratById($id)
    {
        return $this->db->get_where('template_surat', ['id' => $id])->row_array();
    }

    public function ubahDataSurat()
    {
        $data = [
            "perihal" => $this->input->post('perihal', true)
        ];

        $this->db->where('id', $this->input->post('id'));
        $this->db->update('template_surat', $data);
    }

    public function cariDataSurat()
    {
        $keyword = $this->input->post('keyword', true);
        $this->db->like('perihal', $keyword);
        // $this->db->or_like('jurusan', $keyword);
        // $this->db->or_like('nrp', $keyword);
        // $this->db->or_like('email', $keyword);
        return $this->db->get('template_surat')->result_array();
    }
}
}

```



Ralat_judul_skripsi (buat.php)

```

<div class="container">
  <div class="row mt-3">
    <div class="col-md-12">
      <div class="container-fluid">
        <div class="card-body row justify-content-center">
          <div class="col-md-1">
            <div class="card-header" style="width: 70px;">

              <div>
                <a href="<?= site_url()>surat/buat" class="fa fa-arrow-left btn btn-primary
btn-sm"></a>
              </div>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>

  <!-- SELECT JENIS SURAT -->
  <div class="dashboard-body col-md-10">
    <div class="card">
      <div class="card-body">
        <div class=" row justify-content-center mb-5 p-4">
          <div class="col-md-8">
            <form action="" method="post">
              <div class="text-center mb-5">
                <h1>Ralat Judul Skripsi</h1>
              </div>
              <div class="form-group">
                <label for="nomor">Nomor</label>
                <select class="form-control select2-nomor_surat" name="nomor"
id="nomor-surat">

                  <option value=""></option>
                  <?php for($i=0; $i < count($nomor); $i++): ?>
                    <option value="<?php echo $nomor[$i]['suratNomor'];?>">
                      <?php echo $nomor[$i]['suratNomor']; ?>

```




```

        </option>
        <?php endfor;?>

    </select>
</div>
<div class="form-group">
    <label for="tanggal">Tanggal</label>
    <input type="text" class="form-control datepicker" name="tanggal"
id="tanggal" value="<? = date("Y-m-d"); ?>">
</div>
<div style="display: none">
    <input type="text" name="jenis" value="Ralat Judul Skripsi">
</div>
<div class="form-group">
    <label for="perihal">Perihal</label>
    <input type="text" class="form-control" name="perihal" id="perihal"
value="Ralat Judul Skripsi">
</div>
<div class="form-group">
    <label for="lampiran">Lampiran</label>
    <input type="text" class="form-control" name="lampiran"
id="lampiran" placeholder="lampiran">
</div>
<div class="border p-3 mb-3">
    <div class="form-group" id="tujuan-toggle">
        <label for="tujuan1">Tujuan</label>
        <select class="form-control select2-tujuan" id="tujuan"
name="tujuan[]" multiple=multiple>
            <option value=""></option>
            <option value="aku">aku</option>
            <option value="kau">kau</option>
            <option value="dia">dia</option>
        </select>
        <small class="form-text text-danger"><? = form_error('tujuan');
</div>
<div class="text-center">

```



```

<a class="btn btn-default btn-sm" id="optional">Optional</a>
</div>

<div class="form-group" id="tujuan2-toggle" style="display: none;">
  <label for="tujuan-optional">Tujuan Optional</label>
  <input type="text" name="tujuan2" class="form-control"
id="tujuan-optional" placeholder="tujuan optional">
  <small class="form-text text-danger"><? = form_error("tujuan2");
?></small>

</div>
</div>
<div class="form-group">
  <label for="alamat_tujuan">Alamat Tujuan</label>
  <input type="text" class="form-control" name="alamat_tujuan"
id="alamat_tujuan" placeholder="Alamat Tujuan">
</div>

<div class="form-group">
  <label for="isi_surat">Konten</label>
  <textarea name="isi_surat" id="editor">
    <? = $content['isi_surat']; ?>
  </textarea>
</div>
<br>
<div class="text-center">
  <button type="submit" class="btn btn-primary" name="tambah"
onclick="return confirm('Cek dulu, udah fix blm ^^ ??');">Submit</button>
</div>

</form>
</div>
</div>
</div>
</div>
</div>
<!-- END JENIS SURAT -->
div>

```



```

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

```

Ralat_judul_skripsi (detail.php)

```

<div class="container-fluid">
    <div class="row mt-3">
        <div class="col">

            <div class="card">
                <div class="card-header">
                    <span class="text-bold">Detail Data surat</span>
                    <div class="pull-right"> <a href="#" class="fa fa-arrow-left btn btn-primary"
onClick="javascript:history.go(-1)"></a>
                    <a href="<?= site_url(); ?>ralat_judul_skripsi/pdf/<?= $id ?>" class="fa fa-download btn
btn-danger" target="_blank"> PDF</a><br>
                </div>

            </div>

            <div id="printableArea" class="card-body">
                <div class="media border-bottom">
                    
                    <div class="media-body text-center">
                        <h5 class="mt-0 font-weight-bold" style="font-size: 25px;">KEMENTERIAN RISET,
TEKNOLOGI DAN PENDIDIKAN TINGGI
                        <br> FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM <br>
UNIVERSITAS HASANUDDIN</h5>
                        <p style="font-size: 15px;">Kampus Unhas Tamalanrea Jln. Perintis Kemerdekaan
Km.10, TEL.0411-586200 (PES.2456,2457, 2458, 2451 <br> 0411-586016 FAX. 0411-588551
MAKASSAR,E-mail : fmipauh@indosat.net.id. )
                    </p>
                </div>
            </div>
        </div>
    </div>
</div>
<br>

```



```
<P>Nomor: <span class="variabel"><?= $ralat_judul_skripsi['nomor']; ?></span></P>
<P>Lampiran: <span class="variabel"><?= $ralat_judul_skripsi['lampiran'];
?></span></P>
<P>Hal: <span class="variabel"><?= $ralat_judul_skripsi['perihal']; ?></span></P>
<p>Kepada Yth<br><span class="variabel">
<?php
    echo $ralat_judul_skripsi['tujuan'].>';
    echo $ralat_judul_skripsi['tujuan2'];
?>
</span><br>Di -<br><br>
<span style="display:inline-block; width: 40px;"></span> Tempat</p>
<div>
<?= $ralat_judul_skripsi['isi_surat']; ?>
</div>

<br>
<p>Demikian Penyampaian kami, atas perhatian dan kerjasamanya kami ucapkan
banyak terima kasih.</p>
<p style="text-align: right"><span class="variabel"><?=
longdate_indo($ralat_judul_skripsi['tanggal']); ?></span><br>
Ketua Departemen Matematika <br><br><br><br>
Prof. Dr. Amir Kamal Amir, M.Sc<br>
NIP. 19680803 199202 1001
</p>

<p>
Tembusan : <br>
1. Dosen Penguji <br>
2. Mahasiswa ybs, <br>
3. Arsip
</p>

</div>
```



</div>

Ralat_judul_skripsi (index.php)

<div class="container-fluid">

<section class="dashboard-header">

<div class="card">

<div class="card-header">

Surat Ralat Judul Skripsi

<div class="pull-right"> <a href="<?= site_url()>surat" class="fa fa-arrow-left btn btn-primary">

<a href="<?= site_url(); ?>Surat1/buat" class="fa fa-envelope btn btn-primary">

Buat

</div>

</div>

</div>

<table id="example" class="table table-striped table-bordered">

<thead>

<tr>

<th>ID</th>

<th>Nomor</th>

<th>Lampiran</th>

<th>Perihal</th>

<th>Kepada</th>

<th>Nama</th>

<th>Nim</th>

<th>Judul_lama</th>

<th>Judul_baru</th>

<th>Tanggal</th>

<th style="padding-right: 1cm">Aksi</th>

</tr>

</thead>

</>

foreach (\$surat1 as \$s) : ?>

d><?= \$s['id']; ?></td>



```

<td><?= $s['nomor']; ?></td>
<td><?= $s['lampiran']; ?></td>
<td><?= $s['perihal']; ?></td>
<td><?= $s['kepada']; ?></td>
<td><?= $s['nama']; ?></td>
<td><?= $s['nim']; ?></td>
<td><?= $s['judul_lama']; ?></td>
<td><?= $s['judul_baru']; ?></td>
<td><?= $s['tanggal']; ?></td>
<td>
    <a href="<?= site_url(); ?>Surat1/detail/<?= $s['id']; ?> "class="btn btn-success btn-sm
fa fa-info mr-1" >
    </a><a href="<?= site_url(); ?>Surat1/hapus/<?= $s['id']; ?>"class="btn btn-danger
btn-sm fa fa-trash" onclick="return confirm('Are you sure you want to delete this item?');"></a>
</td>

<?php endforeach; ?>
</tbody>
</table>
</div>
</section>
<!-- Projects Section -->

```

Ralat_judul_skripsi (report_pdf.php)

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">

    <!-- Bootstrap CSS-->

```



```

Awesome CSS-->
    rel="stylesheet" href="<?= base_url();?>src/vendor/font-awesome/css/font-
nin.css">
    astic Custom icon font-->

```

```
<!-- theme stylesheet-->
<!-- Custom stylesheet - for your changes-->
<style>
  table, td, th {
    border: 1px solid #ddd;
    text-align: left;
  }

  table {
    border-collapse: collapse;
    width: 100%;
  }

  th, td {
    padding: 15px;
  }
</style>

<title>Document</title>
</head>
<body style="font-size: 12px; ">

  <div style = "width : 80%; margin: auto;">
    <div style="border-bottom : double">
      
      <div style = "text-align: center; padding-left: -30px;">
        <h5 style="font-size: 14px; ">KEMENTERIAN RISET, TEKNOLOGI DAN PENDIDIKAN
TINGGI
        <br> FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM <br> UNIVERSITAS
HASANUDDIN</h5>
        <p style="font-size: 9px; margin-top: -15px;">Kampus Unhas Tamalanrea Jln. Perintis
Kemerdekaan Km.10, TEL.0411-586200 (PES.2456,2457, 2458, 2451
<br> 0411-586016 FAX. 0411-588551 MAKASSAR,E-mail : fmipauh@indosat.net.id.
```



```

<div>
  <P>Nomor: <?= $ralat_judul_skripsi['nomor']; ?></p>
  <p>Lampiran: <?= $ralat_judul_skripsi['lampiran']; ?></p>
  <p>Hal: <?= $ralat_judul_skripsi['perihal']; ?></p>
  <p>Kepada Yth<br><?= $ralat_judul_skripsi['tujuan'];$ralat_judul_skripsi['tujuan2'];
?><br>Di -<br><br></p>
  <p class = "mt-4">Tempat</p>

<div>
  <?= $ralat_judul_skripsi['isi_surat']; ?>
</div>

  <br>
  <p>Demikian Penyampaian kami, atas perhatian dan kerjasamanya kami ucapkan
banyak terima kasih.</p>
  <br><br>
  <p style="text-align: right"><span class="variabel"><?=
longdate_indo($ralat_judul_skripsi['tanggal']); ?></span><br>
  Ketua Departemen Matematika <br><br><br><br>
  Prof. Dr. Amir Kamal Amir, M.Sc<br>
  NIP. 19680803 199202 1001
</p>

  <p>
  Tembusan : <br>
  1. Dosen Penguji <br>
  2. Mahasiswa ybs, <br>
  3. Arsip
</div>
</div>
</body>
</html>

```



```

(footer.php)
Footer-->
<div id="buat-surat" class="main-footer">
  <div class="container-fluid">
    <div class="row">

```



```

<div class="col-sm-6">
  <p>Your company &copy; 2017-2019</p>
</div>
<div class="col-sm-6 text-right">
  <p>Design by <a href="https://bootstrapious.com/p/admin-template"
class="external">Bootstrapious</a></p>
  <!-- Please do not remove the backlink to us unless you support further theme's
development at https://bootstrapious.com/donate. It is part of the license conditions. Thank you
for understanding :)-->
</div>
</div>
</div>
</div>
</div>
</div>
</div>
<!-- JavaScript files-->

<script src="https://code.jquery.com/jquery-3.3.1.js"></script>
<script src="<?= base_url();?>src/vendor/popper.js/umd/popper.min.js"> </script>
<script src="<?= base_url();?>src/vendor/bootstrap/js/bootstrap.min.js"></script>
<script src="<?= base_url();?>src/vendor/jquery.cookie/jquery.cookie.js"> </script>
<script src="<?= base_url();?>src/vendor/chart.js/Chart.min.js"></script>
<script src="<?= base_url();?>src/vendor/jquery-validation/jquery.validate.min.js"></script>
<script src="<?= base_url();?>src/js/charts-home.js"></script>
  <!-- Main File-->
<script src="<?= base_url();?>src/js/front.js"></script>
<script src="//cdn.datatables.net/1.10.19/js/jquery.dataTables.min.js"></script>
<script src="https://cdn.datatables.net/1.10.19/js/dataTables.bootstrap4.min.js"></script>
<script src="<?= base_url();?>src/js/bootstrap-datepicker.min.js"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/select2/4.0.3/js/select2.full.js"></script>
<script src="https://cdn.ckeditor.com/ckeditor5/15.0.0/classic/ckeditor.js"></script>

<script type="text/javascript">
  $(document).ready(function() {
    $('#example').DataTable( {
      pageLength : 5,
      lengthMenu: [[5, 10, 20, -1], [5, 10, 20, 'Todos']],
      "sDom": '<"row view-filter"<"col-sm-12"<"pull-left"l><"pull-right"f><"clearfix mb-3">>>t<"row view-pager"<"col-sm-12"<"float-right mt-3"p>>>',
      "scrollX": true,
      "scrollY": true
    });
  });

```



```

type="text/javascript">
function(){
datepicker").datepicker({
format: 'yyyy-mm-dd',

```

```

        autoclose: true,
        todayHighlight: true,
    });
});
</script>

<script>

$.fn.select2.defaults.set( "theme", "bootstrap" );

$(document).ready(function () {

    $(".select2-jenis_surat").select2({
        placeholder: "-Pilih Jenis Surat-"
    });

    $(".select2-nomor_surat").select2({
        placeholder: "-Pilih Nomor Surat--",
        width: '100%'
    });

    $(".select2-tujuan").select2({
        placeholder: "select",
        width: '100%'
    });
});

</script>

<!-- Amazing stuff goes here :) -->

<script>
var jenis_surat = jQuery('#jenis-surat');
var select = this.value;
jenis_surat.change(function () {

    if ($(this).val() == 'Ralat Judul Skripsi')
    {
        window.location = "<?=" site_url()>Ralat_judul_skripsi/buat/1";
    }
    else if ($(this).val() == 'Usulan Koordinator MK dan Lab. Matematika Dasar')
    {
        window.location = "<?=" site_url()>Usulan_koordinator_mk/buat/2";
    }
    // else if ($(this).val() == 'Usulan Tim Pembimbing')

'.surat3').show();
'.surat1').hide();
'.surat2').hide();

```



```

});

$(document).ready(
function() {
    $("#optional").click(function() {
        $('#tujuan-toggle').toggle();
        $('#tujuan2-toggle').toggle();
    });

    $("#optional_1").click(function() {
        $('#tujuan1_1').toggle();
        $('#tujuan2_1').toggle();
    });

    $("#optional_2").click(function() {
        $('#tujuan1_2').toggle();
        $('#tujuan2_2').toggle();
    });
});
</script>

<script>
    ClassicEditor
        .create( document.querySelector( '#editor' ) )
        .then( editor => {
            console.log( editor );
        } )
        .catch( error => {
            console.error( error );
        } );
</script>

<script>
    ClassicEditor
        .create( document.querySelector( '#editor2' ) )
        .then( editor => {
            console.log( editor );
        } )
        .catch( error => {
            console.error( error );
        } );
</script>

<script>
    ClassicEditor
        .create( document.querySelector( '#editor3' ) )
        .then( editor => {
            console.log( editor );
        } )
        .catch( error => {
            console.error( error );
        } );

```



```

</script>

</body>
</html>

Templater (header.php)
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <title>Bootstrap Material Admin by Bootstrapious.com</title>
  <meta name="description" content="">
  <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
  <meta name="robots" content="all, follow">
  <!-- Bootstrap CSS-->
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
integrity="sha384-
ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
crossorigin="anonymous">

  <link href="http://select2.github.io/select2-bootstrap-theme/css/select2-bootstrap.css"
rel="stylesheet"/>
  <link href="https://cdnjs.cloudflare.com/ajax/libs/select2/4.0.3/css/select2.min.css"
rel="stylesheet" />

  <!-- Font Awesome CSS-->
  <link rel="stylesheet" href="<?= base_url();?>src/vendor/font-awesome/css/font-
awesome.min.css">
  <!-- Fontastic Custom icon font-->
  <link rel="stylesheet" href="<?= base_url();?>src/css/fontastic.css">
  <!-- Google fonts - Poppins -->
  <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Poppins:300,400,700">
  <!-- theme stylesheet-->
  <link rel="stylesheet" href="<?= base_url();?>src/css/style.default.css">
  <!-- Custom stylesheet - for your changes-->
  <link rel="stylesheet" href="<?= base_url();?>src/css/custom.css">
  <!-- Favicon-->
  <link rel="shortcut icon" href="<?= base_url();?>src/img/favicon.ico">
  <link rel="shortcut icon" href="//cdn.datatables.net/1.10.19/css/jquery.dataTables.min.css">
  <!-- <link rel="shortcut icon" href="https://cdnjs.cloudflare.com/ajax/libs/twitter-
bootstrap/4.1.3/css/bootstrap.css"> -->
  <link rel="shortcut icon" href="https://cdn.datatables.net/1.10.19/css/dataTables.bootstrap4.min.css">

  <link rel="stylesheet" href="<?= base_url();?>src/css/bootstrap-datepicker.min.css">

```

```

  <!-->
  <script src="https://oss.maxcdn.com/html5shiv/3.7.3/html5shiv.min.js"></script>
  <script src="https://oss.maxcdn.com/respond/1.4.2/respond.min.js"></script><![endif]-->

```



```

<body>

<div class="page">
  <!-- Main Navbar-->
  <header class="header">
    <nav class="navbar">
      <div class="container-fluid">
        <div class="navbar-holder d-flex align-items-center justify-content-between">
          <!-- Navbar Header-->
          <div class="navbar-header">
            <!-- Navbar Brand --><a href="<?= site_url(); ?>" class="navbar-brand d-none d-sm-
inline-block">
              <div class="brand-text d-none d-lg-inline-block"><span>Arc-
</span><strong>Project</strong></div>
              <div class="brand-text d-none d-sm-inline-block d-lg-
none"><strong>AP</strong></div></a>
            <!-- Toggle Button--><a id="toggle-btn" href="#" class="menu-btn
active"><span></span><span></span><span></span><span></span></a>
          </div>
          <!-- Navbar Menu -->
          <ul class="nav-menu list-unstyled d-flex flex-md-row align-items-md-center">
            <!-- Logout -->
            <li class="nav-item"><a href="login.html" class="nav-link logout"> <span class="d-none
d-sm-inline">Logout</span><i class="fa fa-sign-out"></i></a></li>
          </ul>
        </div>
      </div>
    </nav>
  </header>
  <div class="page-content d-flex align-items-stretch">
    <!-- Side Navbar -->
    <nav class="side-navbar">
      <!-- Sidebar Header-->
      <div class="sidebar-header d-flex align-items-center">
        <div class="avatar"></div>
        <div class="title">
          <h1 class="h4">Fika Amaliah</h1>
          <p>Web Designer</p>
        </div>
      </div>
      <!-- Sidebar Navigation Menus--><span class="heading">Main</span>
      <ul class="list-unstyled">
        <li class="<?php if($judul == 'Halaman Home') echo 'active'?>"><a href="<?= site_url()?>">
<i class="icon-home"></i>Home </a></li>
        <li class="<?php if($judul == 'Data Surat') echo 'active'?>"><a href="<?= site_url()?>Surat">
<i class="icon-mail"></i>Data Surat </a></li>
      </ul>
      <span class="heading">Reference</span>
      <ul class="list-unstyled">
        <a href="#"> <i class="icon-flask"></i>Demo </a></li>
        <a href="#"> <i class="icon-screen"></i>Demo </a></li>
        <a href="#"> <i class="icon-mail"></i>Demo </a></li>
        <a href="#"> <i class="icon-picture"></i>Demo </a></li>

```



```

</ul>
</nav>
<div class="content-inner">
  <!-- Page Header-->
  <header class="page-header">
    <div class="container-fluid">
      <h2 class="no-margin-bottom"><?= $judul?></h2>
    </div>
  </header>

```

Usulan_koordinator_mk (buat.php)

```

<div class="container">
  <div class="row mt-3">
    <div class="col-md-12">
      <div class="container-fluid">
        <div class="card-body row justify-content-center">
          <div class="col-md-1">
            <div class="card-header" style="width: 70px;">
              <div>
                <a href="<?= site_url()?>surat/buat" class="fa fa-arrow-left btn btn-primary
                btn-sm"></a>
              </div>
            </div>
          </div>
          <!-- SELECT JENIS SURAT -->
          <div class="dashboard-body col-md-10">
            <div class="card">
              <div class="card-body">
                <div class="row justify-content-center mb-5 p-4">
                  <div class="col-md-8">
                    <form action="" method="post">
                      <div class="text-center mb-5">
                        <h1>Usulan Koordinator MK dan Lab. Matematika Dasar</h1>
                      </div>
                      <div class="form-group">
                        <label for="nomor">Nomor</label>
                        <select class="form-control select2-nomor_surat" name="nomor"
                        id="nomor-surat">
                          <option value=""></option>
                          <?php foreach ($nomor as $a) { ?>
                            <option value="<?php echo $a['suratNomor'];?>"><?php echo
                            $a['suratNomor']; ?></option>
                          <?php } ?>
                        </select>
                      </div>
                      <div class="form-group">
                        <label for="tanggal">Tanggal</label>
                        <input type="text" class="form-control datepicker" name="tanggal"
                        value="<?= date("Y-m-d"); ?>">
                      </div>
                    </form>
                  </div>
                </div>
              </div>
            </div>
          </div>

```



```

<div style="display: none">
  <input type="text" name="jenis" value="Usulan Koordinator MK dan
Lab. Matematika Dasar">
</div>
<div class="form-group">
  <label for="perihal">Perihal</label>
  <input type="text" class="form-control" name="perihal" id="perihal"
value="Usulan Koordinator MK dan Lab. Matematika Dasar">
</div>
<div class="form-group">
  <label for="lampiran">Lampiran</label>
  <input type="text" class="form-control" name="lampiran"
id="lampiran" placeholder="lampiran">
</div>
<div class="border p-3 mb-3">
  <div class="form-group" id="tujuan-toggle">
    <label for="tujuan1">Tujuan</label>
    <select class="form-control" select2-tujuan" id="tujuan"
name="tujuan" multiple=multiple>
      <option value=""></option>
      <option value="aku">aku</option>
      <option value="kau">kau</option>
      <option value="dia">dia</option>
    </select>
    <small class="form-text text-danger"><?= form_error('tujuan');
?></small>
  </div>
  <div class="text-center">
    <a class="btn btn-default btn-sm" id="optional">Optional</a>
  </div>

  <div class="form-group" id="tujuan2-toggle" style="display: none;">
    <label for="tujuan-optional">Tujuan Optional</label>
    <input type="text" name="tujuan2" class="form-control"
id="tujuan-optional" placeholder="tujuan optional">
    <small class="form-text text-danger"><?= form_error('tujuan2');
?></small>
  </div>
</div>
<div class="form-group">
  <label for="alamat_tujuan">Alamat Tujuan</label>
  <input type="text" class="form-control" name="alamat_tujuan"
id="alamat_tujuan" placeholder="Alamat Tujuan">
</div>

<div class="form-group">
  <label for="isi_surat">Konten</label>
  <textarea name="isi_surat" id="editor">
    <?= $content['isi_surat']; ?>
  </textarea>
</div>
<br>
<div class="text-center">
  <button type="submit" class="btn btn-primary" name="tambah"
turn confirm('Cek dulu, udah fix blm ^^ ??');">Submit</button>

```



```

        </div>
    </form>
</div>
</div>
</div>
</div>
</div>
</div>
<!-- END JENIS SURAT -->
</div>
</div>
</div>
</div>
</div>

```

Usulan_koordinator_mk (detail.php)

```

<div class="container">
  <div class="row mt-3">
    <div class="col">

      <div class="card">
        <div class="card-header">
          <span class="text-bold">Detail Data surat</span>
          <div class="pull-right"> <a href="<?=> surat/" class="fa fa-arrow-left btn btn-primary"></a>
          <a href="<?=> usulan_koordinator_mk/pdf/<?=> $id ?>" class="fa fa-download btn btn-danger" target="_blank"> PDF</a><br>
        </div>
      </div>
      <div id="printableArea" class="card-body">
        <div class="media border-bottom">
          
          <div class="media-body text-center">
            <h5 class="mt-0 font-weight-bold" style="font-size: 25px;>KEMENTERIAN RISET, TEKNOLOGI DAN PENDIDIKAN TINGGI
            <br> FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM <br> UNIVERSITAS HASANUDDIN <br> <span style="font-size: 30px;>DEPARTEMEN MATEMATIKA</span></h5>
            <p style="font-size: 15px;>Kampus Unhas Tamalanrea Jln. Perintis Kemerdekaan Km.10, TEL.0411-586200 (PES.2456,2457, 2458, 2451 <br> 0411-586016 FAX. 0411-588551 MAKASSAR,E-mail : fmipauh@indosat.net.id. )
          </p>
        </div>
      </div>
    </div>
    <div>
      <p style="float: left;">Nomor: <span class="variabel"><?=>
        <?=> coordinator_mk['nomor']; ?></span><p>
      <p style="float: right;">Makassar, <span class="variabel"><?=>
        <?=> indo($usulan_koordinator_mk['tanggal']); ?></span></p>
    </div>

```




```

        <p style="clear: both;">Lampiran: <span class="variabel"><?=
        $usulan_koordinator_mk['lampiran']; ?></span></p>
        <p>Hal: <span class="variabel"><?= $usulan_koordinator_mk['perihal'];
        ?></span></p>
        <br>
        <p>Kepada Yth<br><span class="variabel">
        <?php
            echo $usulan_koordinator_mk['tujuan'].<'>;
            echo $usulan_koordinator_mk['tujuan2'];
        ?>
        </span><br>Di -<br><br>
        <span style="display:inline-block; width: 40px;"></span> Tempat</p>

        <div>
        <?= $usulan_koordinator_mk['isi_surat']; ?>
        </div>

        <br>
        <p>Demikian Usulan kami, atas perhatian dan kerjasamanya kami ucapkan banyak
        terima kasih.</p>
        <p style="text-align: right">
        Ketua Departemen Matematika, <br><br><br><br>
        <span class="font-weight-bold"> Prof. Dr. Amir Kamal Amir, M.Sc<br>
        NIP. 19680803 199202 1001</span>

        </p>
        <p>
        Tembusan Yth: <br>
        1. Wakil Dekan 1 Fak. MIPA Unhas, <br>
        2. Kepala Tata Usaha Fak. Mipa Unhas, <br>
        3. Dosen yang bersangkutan, <br>
        4. Arsip
        </p>

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

```

Usulan_koordinator_mk (index.php)

```

<div class="container-fluid">
<section class="dashboard-header">

    <div class="card">
        <div class="card-header">
            <span class="text-bold">Surat Ralat Judul Skripsi</span>
            <div class="pull-right"> <a href="<?= site_url()?>surat" class="fa fa-arrow-left btn btn-
            primary"></a>
            <a href="<?= site_url(); ?>Surat2/buat" class="fa fa-envelope btn btn-primary">
            <br>
            </div>
        </div>
    </div>

```



```

<table id="example" class="table table-striped table-bordered">
<thead>
  <tr>
    <th>ID</th>
    <th>Nomor</th>
    <th>Tanggal</th>
    <th>Lampiran</th>
    <th style="padding-right: 6cm">Perihal</th>
    <th>Kepada</th>
    <th>Tanggal_Acara</th>
    <th>Dosen</th>
    <th>NIP</th>
    <th>Jabatan</th>
    <th>Dosen2</th>
    <th>NIP2</th>
    <th>Jabatan2</th>
    <th>Dosen_usulan</th>
    <th>NIP_usulan</th>
    <th>Jabatan_usulan</th>
    <th>Dosen2_usulan</th>
    <th>NIP2_usulan</th>
    <th>Jabatan2_usulan</th>
    <th style="padding-right: 1cm">Aksi</th>
  </tr>
</thead>
<tbody>
<?php foreach ($surat2 as $s) : ?>
  <tr>
    <td><?= $s['id']; ?></td>
    <td><?= $s['nomor']; ?></td>
    <td><?= $s['tanggal']; ?></td>
    <td><?= $s['lampiran']; ?></td>
    <td><?= $s['perihal']; ?></td>
    <td><?= $s['kepada']; ?></td>
    <td><?= $s['tanggal_acara']; ?></td>
    <td><?= $s['dosen']; ?></td>
    <td><?= $s['nip']; ?></td>
    <td><?= $s['jabatan']; ?></td>
    <td><?= $s['dosen2']; ?></td>
    <td><?= $s['nip2']; ?></td>
    <td><?= $s['jabatan2']; ?></td>
    <td><?= $s['dosen_usulan']; ?></td>
    <td><?= $s['nip_usulan']; ?></td>
    <td><?= $s['jabatan_usulan']; ?></td>
    <td><?= $s['dosen2_usulan']; ?></td>
    <td><?= $s['nip2_usulan']; ?></td>
    <td><?= $s['jabatan2_usulan']; ?></td>
  <tr>
    <td><?= $s['id']; ?> <a href="<?= site_url(); ?>Surat2/detail/<?= $s['id']; ?>" class="btn btn-success btn-sm btn-block">Detail</a> <a href="<?= site_url(); ?>Surat2/hapus/<?= $s['id']; ?>" class="btn btn-danger btn-sm btn-block" onclick="return confirm('Are you sure you want to delete this item?');">Hapus</a>
  </td>
  </tr>
</tbody>
</table>

```



```

        <?php endforeach; ?>
    </tbody>
</table>
</div>
</section>
    <!-- Projects Section -->

```

Usulan_koordinator_mk (report_pdf.php)

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <title>Document</title>
</head>
<body style="font-size: 9px;">
    <div style = "width : 80%; margin: auto;">
        <div style="border-bottom : double">
            
            <div style ="text-align: center; padding-left: -30px;">
                <h5 style="font-size: 14px; ">KEMENTERIAN RISET, TEKNOLOGI DAN PENDIDIKAN
TINGGI
                <br> FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM <br>
UNIVERSITAS HASANUDDIN</h5>
                <p style="font-size: 9px; margin-top: -15px;">Kampus Unhas Tamalanrea Jln.
Perintis Kemerdekaan Km.10, TEL.0411-586200 (PES.2456,2457, 2458, 2451
                <br> 0411-586016 FAX. 0411-588551 MAKASSAR,E-mail :
fmipauh@indosat.net.id. )</p>
            </div>
        </div>

        <div>
            <p style="float: left;">Nomor: <span class="variabel"><?=$usulan_koordinator_mk['nomor']; ?></span><p>
            <p style="float: right;"><span class="variabel"><?=$longdate_indo($usulan_koordinator_mk['tanggal']); ?></span></p>
        </div>

        <p style="clear: both;">Lampiran: <span class="variabel"><?=$usulan_koordinator_mk['lampiran']; ?></span></p>
        <p>Hal: <span class="variabel"><?=$usulan_koordinator_mk['perihal']; ?></span></p>
        <br><p>Kepada Yth<br><span class="variabel">
        <?php
            echo $usulan_koordinator_mk['tujuan'].>;
            echo $usulan_koordinator_mk['tujuan2'];
        ?>
        </span><br>Di -<br><br>
        <span style="display:inline-block; width: 40px;">Tempat</p>
    </div>
    <?=$usulan_koordinator_mk['isi_surat']; ?>
</div>

```



```
<br>
<p>Demikian Usulan kami, atas perhatian dan kerjasamanya kami ucapkan banyak
terima kasih.</p>
<p style="text-align: right">
Ketua Departemen Matematika, <br><br><br><br><br>
<span class="font-weight-bold"> Prof. Dr. Amir Kamal Amir, M.Sc<br>
NIP. 19680803 199202 1001</span>

</p>
<p>
Tembusan Yth: <br>
1. Wakil Dekan 1 Fak. MIPA Unhas, <br>
2. Kepala Tata Usaha Fak. Mipa Unhas, <br>
3. Dosen yang bersangkutan, <br>
4. Arsip
</p>
</div>
</body>
</html>
```



Lampiran 3. Contoh *sintaks controllers*

Home.php

```
<?php

class Home extends CI_Controller {
    public function __construct()
    {
        parent::__construct();
        // $this->load->model('Surat_model');
        $this->load->library('form_validation');
    }
    public function index()
    {
        $data['judul'] = 'Halaman Home';
        // $data['surat'] = $this->Surat_model->getAllSurat();

        $this->load->view('templates/header', $data);
        $this->load->view('home/index', $data);
        $this->load->view('templates/footer');
    }
}
```

Ralat_judul_skripsi.php

```
<?php

class Ralat_judul_skripsi extends CI_Controller
{
    public function __construct()
    {
        parent::__construct();
        $this->load->model('Ralat_judul_skripsi_model');
        $this->load->model('Content_model');
        $this->load->library('form_validation');
        $this->load->helper('tgl_indo');
```

function index()



```

$data['judul'] = 'Surat';
$data['surat1'] = $this->Surat1_model->getAllSurat1();
//if( $this->input->post('keyword') ) {
    //$data['mahasiswa'] = $this->Mahasiswa_model->cariDataMahasiswa();
//}
$this->load->view('templates/header', $data);
$this->load->view('surat1/index', $data);
$this->load->view('templates/footer');
}
public function buat($id)
{
    // CURL API JANGAN DI HAPUS
    $url = 'http://apps.unhas.ac.id/suratapps/restapi/auth/login';
    $username = 'math';
    $password = 'kampusunhas';

    $post_data = array(
        'ACT' => '9',
        'RET' => '/login',
        'site_id' => '1',
        'username' => $username,
        'password' => $password,
        'autologin' => '1'
    );

    $ch = curl_init($url);

    $postargs = http_build_query($post_data);
    curl_setopt ($ch, CURLOPT_POST, true);
    curl_setopt ($ch, CURLOPT_POSTFIELDS, $postargs);
    curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
    curl_setopt($ch, CURLOPT_FOLLOWLOCATION, true);
    $output = curl_exec($ch);

    curl_close($ch);
    $data = json_decode($output, true);
    $token = $data['token'];
}

```



```
//end curl login

//curl surat
//setup the request, you can also use CURLOPT_URL

$url = 'http://apps.unhas.ac.id/suratapps/restapi/main/surat';
$data = array("tahun" => "2019","unit" => "1H");

    $postdata = json_encode($data);
//Initiate cURL.
$ch = curl_init($url);

$headers = array(
    'Content-Type: application/json',
    'Authorization: Bearer '.$token
);
curl_setopt($ch, CURLOPT_POSTFIELDS, $postdata);
curl_setopt($ch, CURLOPT_FOLLOWLOCATION, 1);
curl_setopt($ch, CURLOPT_POST, true);
curl_setopt($ch, CURLOPT_HTTPHEADER, $headers);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);

$response = curl_exec($ch);
$json = json_decode($response, true);
if(curl_errno($ch)){
    throw new Exception(curl_error($ch));
}

// echo $response;
//var_dump($json);

$data['nomor'] = $id;
$data['judul'] = 'Form Tambah Data Surat';
$content'] = $this->Content_model->getContentById($id);
form_validation->set_rules('nomor', 'Nomor', 'required');
form_validation->set_rules('jenis', 'Jenis', 'required');
```



```

$this->form_validation->set_rules('perihal', 'Perihal', 'required');
$this->form_validation->set_rules('lampiran', 'Lampiran', 'required');
$this->form_validation->set_rules('tujuan[]', 'Tujuan');
$this->form_validation->set_rules('tujuan2', 'Tujuan2');
$this->form_validation->set_rules('alamat_tujuan', 'Alamat_tujuan', 'required');
$this->form_validation->set_rules('isi_surat', 'Isi_surat', 'required');
$this->form_validation->set_rules('tanggal', 'Tanggal', 'required');
if ($this->form_validation->run() == false) {
    $this->load->view('templates/header', $data);
    $this->load->view('ralat_judul_skripsi/buat', $data);
    $this->load->view('templates/footer');
}
else {
    $this->Content_model->ubahDataContent($id);
    $this->Ralat_judul_skripsi_model->tambahDataSurat();
    $this->session->set_flashdata('flash', 'Ditambahkan');
    redirect('surat');
}
}
public function detail($id)
{
    $data['judul'] = 'Data Surat';
    $data['ralat_judul_skripsi'] = $this->Ralat_judul_skripsi_model->getSuratById($id);

    $data['id'] = $id;
    $this->load->view('templates/header', $data);
    $this->load->view('ralat_judul_skripsi/detail', $data);
    $this->load->view('templates/footer');
}

public function pdf($id)
    {
        $this->load->library('pdf');

```

```

        $data['ralat_judul_skripsi'] = $this->Ralat_judul_skripsi_model->getSuratById($id);
        $pdf->setPaper('A4', 'potrait');

```




```

    $this->pdf->filename = "surat.pdf";
    $this->pdf->load_view('ralat_judul_skripsi/report_pdf', $data);
}
public function pdf2($id)
    {
        $this->load->library('pdfgenerator');

        $data['judul'] = 'Detail Data Surat';
        $data['surat1'] = $this->Surat1_model->getSurat1ById($id);

        $html = $this->load->view('surat1/report_pdf', $data, true);
        $filename = 'report_'.time();
        $this->pdfgenerator->generate($html, $filename, true, 'A4', 'portrait');
    }
public function hapus($id)
    {
        $this->Ralat_judul_skripsi_model->hapusDataSurat($id);
        $this->session->set_flashdata('flash', 'Dihapus');
        redirect('surat');
    }
public function view()
    {
        $data['judul'] = 'Detail Data Surat';
        $this->load->view('surat1/report_pdf', $data);
    }
}

```

Report.php

```

<?php
defined('BASEPATH') OR exit('No direct script access allowed');

```

```

class Report extends CI_Controller {

```



```

    public function pdf()
    {
        $this->load->library('pdfgenerator');
    }
}

```

```

        $data['users']=array(

            array('firstname'=>'Agung','lastname'=>'Setiawan','email'=>'ag@setiawan.com'),

            array('firstname'=>'Hauril','lastname'=>'Maulida Nisfar','email'=>'hm@setiawan.com'),

            array('firstname'=>'Akhtar','lastname'=>'Setiawan','email'=>'akh@setiawan.com'),

            array('firstname'=>'Gitarja','lastname'=>'Setiawan','email'=>'git@setiawan.com')

        );

        $html = $this->load->view('surat1/detail', $data, true);

        $this->pdfgenerator->generate($html,'contoh');
    }
}

```

Surat.php

```

<?php

class Surat extends CI_Controller
{
    public function __construct()
    {
        parent::__construct();
        $this->load->model('Surat_model');
        $this->load->model('Ralat_judul_skripsi_model');
        $this->load->model('Usulan_koordinator_mk_model');
        $this->load->library('form_validation');
    }
}

```

```

function index()
{
    $data['judul'] = 'Data Surat';
}

```



```

$data['Ralat_judul_skripsi'] = $this->Ralat_judul_skripsi_model->getAll();
$data['usulan_koordinator_mk'] = $this->Usulan_koordinator_mk_model->getAll();
$this->load->view('templates/header', $data);
$this->load->view('surat/index', $data);
$this->load->view('templates/footer');
}
public function buat()
{
    $data['judul'] = 'Data Surat';
    $data['surat'] = $this->Surat_model->getAllJenisSurat();
    $this->load->view('templates/header', $data);
    $this->load->view('surat/buat', $data);
    $this->load->view('templates/footer');
}

```

Usulan_koordinator_mk.php

```

<?php
class Usulan_koordinator_mk extends CI_Controller
{
    public function __construct()
    {
        parent::__construct();
        $this->load->model('Usulan_koordinator_mk_model');
        $this->load->model('Content_model');
        $this->load->library('form_validation');
        $this->load->helper('tgl_indo');
    }
    public function index()
    {
        $data['judul'] = 'Surat';
        $data['surat2'] = $this->Surat2_model->getAllSurat2();
        //if( $this->input->post('keyword') ) {
            //$data['mahasiswa'] = $this->Mahasiswa_model->cariDataMahasiswa();

```

```

        $this->load->view('templates/header', $data);
        $this->load->view('surat2/index', $data);
        $this->load->view('templates/footer');
    }
}

```



```

}

public function buat($id)
{
    // CURL API JANGAN DI HAPUS
    $url = 'http://apps.unhas.ac.id/suratapps/restapi/auth/login';
    $username = 'math';
    $password = 'kampusunhas';

    $post_data = array(
        'ACT' => '9',
        'RET' => '/login',
        'site_id' => '1',
        'username' => $username,
        'password' => $password,
        'autologin' => '1'
    );

    $ch = curl_init($url);

    $postargs = http_build_query($post_data);
    curl_setopt ($ch, CURLOPT_POST, true);
    curl_setopt ($ch, CURLOPT_POSTFIELDS, $postargs);
    curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
    curl_setopt($ch, CURLOPT_FOLLOWLOCATION, true);
    $output = curl_exec($ch);
    curl_close($ch);
    // Will dump a beauty json :3
    $json = json_decode($output, true);
    $token = $json['token'];

    $url = 'http://apps.unhas.ac.id/suratapps/restapi/main/surat';
    $data = array("tahun" => "2019", "unit" => "1H");
    $jsondata = json_encode($data);
    // Create cURL
    $ch = curl_init($url);

```



```

$headers = array(
    'Content-Type: application/json',
    'Authorization: Bearer '.$token
);
curl_setopt($chh, CURLOPT_POSTFIELDS, $postdata);
curl_setopt($chh, CURLOPT_FOLLOWLOCATION, 1);
curl_setopt($chh, CURLOPT_POST, true);
curl_setopt($chh, CURLOPT_HTTPHEADER, $headers);
curl_setopt($chh, CURLOPT_RETURNTRANSFER, true);
$response = curl_exec($chh);
$json = json_decode($response, true);
if(curl_errno($chh)){
    throw new Exception(curl_error($chh));
}
$data['nomor'] = $json;
$data['judul'] = 'Form Tambah Data Surat';
$data['content'] = $this->Content_model->getContentById($id);

$this->form_validation->set_rules('nomor', 'Nomor', 'required');
$this->form_validation->set_rules('jenis', 'Jenis', 'required');
$this->form_validation->set_rules('perihal', 'Perihal', 'required');
$this->form_validation->set_rules('lampiran', 'Lampiran', 'required');
$this->form_validation->set_rules('tujuan', 'Tujuan');
$this->form_validation->set_rules('tujuan2', 'Tujuan2');
$this->form_validation->set_rules('alamat_tujuan', 'Alamat tujuan', 'required');
$this->form_validation->set_rules('isi_surat', 'Isi surat', 'required');
$this->form_validation->set_rules('tanggal', 'Tanggal', 'required');

if ($this->form_validation->run() == false) {
    $this->load->view('templates/header', $data);
    $this->load->view('usulan_koordinator_mk/buat', $data);
    $this->load->view('templates/footer');

    $this->Usulan_koordinator_mk_model->tambahDataSurat();
}

```



```

        $this->session->set_flashdata('flash', 'Ditambahkan');
        redirect('surat');
    }
}
public function detail($id)
{
    $data['judul'] = 'Data Surat';
    $data['usulan_koordinator_mk'] = $this->Usulan_koordinator_mk_model-
>getSuratById($id);
    $data['id'] = $id;
    $this->load->view('templates/header', $data);
    $this->load->view('usulan_koordinator_mk/detail', $data);
    $this->load->view('templates/footer');
}
public function pdf($id)
    {
        $this->load->library('pdf');
        $data['usulan_koordinator_mk'] = $this->Usulan_koordinator_mk_model-
>getSuratById($id);
        $this->pdf->setPaper('A4', 'potrait');
        $this->pdf->filename = "surat.pdf";
        $this->pdf->load_view('usulan_koordinator_mk/report_pdf', $data);
    }
public function hapus($id)
{
    $this->Usulan_koordinator_mk_model->hapusDataSurat($id);
    $this->session->set_flashdata('flash', 'Dihapus');
    redirect('surat2');
}
public function view()
{
    $data['judul'] = 'Detail Data Surat';
    $this->load->view('surat2/report_pdf', $data);
}

```

