

DAFTAR PUSTAKA

- A. Shiri dan L. Zvyagintseva. *Dynamic Query Suggestion in Web Search Engines: A Comparative Examination*. dalam 42nd Annual Conference of the Canadian Association of Information Science & Inaugural Librarians' Research Institute Symposium Brock University. St. Catharines, Ontario, 2014.
- A.S., Rosa dan Shalahuddin, M. 2015. *Rekayasa Perangkat Lunak Terstruktur dan Berorientasi Objek*. Bandung: Informatika Bandung.
- Afifanto, Choerul. 2017. *Integrasi Data Terstruktur dan Tidak Terstruktur dalam Sistem Inteligensi Bisnis*. Jakarta: Sekolah Tinggi Ilmu Statistik
- Agustina, Maria. 2009. *Search Engine Optimization*. Andi. Yogyakarta
- Aisyah, Siti. 2017. Perancangan *Smart Search Engine* pada Sistem Website *Library* Berbasis *Keyword Matching on Content*.
- Beall, J, 2008. *The Weaknesses of Full-Text Searching*. *The Journal of Academic Librarianship*, 34(5), 438-444.
- Bobrikov, Igor. 2017. *A Practical Guide on elasticsearch Scoring and Relevancy*. Diakses pada tanggal 9 April 2021 dari <https://qbox.io/blog/practical-guide-elasticsearch-scoring-relevancy>.
- Chaudhary, Manoj. 2016. *9 Tips on elasticsearch Configuration for High Performance*. Diakses pada tanggal 23 Juni 2021 dari <https://www.loggly.com/blog/nine-tips-configuring-elasticsearch-for-high-performance/>

- Chowdhury, 1999. *Introduction to Modern Information Retrieval*. Library Association. London
- Divya, Manda Sai. dan Goyal, Shiv Kumar. 2013. *ElasticSearch, An advanced and quick search technique to handle voluminous data*. COMPUSOFT, An international journal of advanced computer technology, 2 (6), June-2013 (Volume-II, Issue-VI), hal. 171-175.
- Firdaus, Brillian. 2020. *An Introduction to Analyzer in elasticsearch*. Diakses pada tanggal 24 Juni 2020 dari <https://betterprogramming.pub/an-introduction-to-analyzers-in-elasticsearch-9596917693a2>
- Knox, Rita T.Eid, & A. White, 2005. *Management Update: Companies Should Align Their Structured and Unstructured Data*. Gartner Research.
- Kuc, Rafal. 2019. *Solr vs. Elasticsearch: Performance Differences & More. How to Decide Which One is Best for You*. Diakses pada tanggal 29 Oktober 2020 dari <https://sematext.com/blog/solr-vs-elasticsearch-differences/>
- Kuć, Rafał., Rogoziński, Marek. (2013). *Mastering elasticsearch*. PACKT Publishing, Birmingham-Mumbai.
- Ladjamudin, Al-Bahra Bin. 2013. *Analisis dan Desain Sistem Informasi*. Graha Ilmu. Yogyakarta.
- Lancaster, F.W. 1979. *Information Retrieval Systems: Characteristics, Testing, and Evaluation*. New York: John Willey.
- Liu, Shanhong. 2020. *Most Popular Database Management Systems Worldwide 2020*. Diakses pada tanggal 24 April 2021 dari

<https://www.statista.com/statistics/809750/worldwide-popularity-ranking-database-management-systems>

Mustaqbal, M. Sidi dkk. 2015. *Pengujian Aplikasi Menggunakan Black Box Testing Boundary Value Analysis*. Diakses pada tanggal 21 April 2021 dari <http://journal.widyatama.ac.id/index.php/jitter/article/view/62>.

Novitasari, R, 2015. *Temu Kembali Informasi Menggunakan elasticsearch pada Unstructured Data Text Multidimensi*. Fakultas Teknologi Industri. Institut Teknologi Sepuluh Nopember. Surabaya.

Paro, Alberto, 2013. *Mastering elasticsearch*. PACKT Publishing, Birmingham-Mumbai.

Rizky, Soetam. 2011. *Konsep Dasar Rekayasa Perangkat Lunak*. Jakarta: PT. Prestasi Pustakaraya.

Santoso, Bagus Aji. 2017. *Mengaplikasikan Full Text Search dengan MySQL di Ubuntu 16.04*. Diakses pada tanggal 21 Agustus 2020 dari <https://www.codepolitan.com/mengaplikasikan-full-text-search-dengan-mysql-di-ubuntu-1604-5a0d373e10b87>

Subrata, Gatot. 2009. *Perpustakaan Digital*. Diakses pada 21 Agustus 2020 dari <http://digilib.um.ac.id/images/stories/pustakawan/kargto/Perpustakaan%20Digital.pdf>

Sutabri, Tata. 2012. *Konsep Sistem Informasi*. Andi. Yogyakarta.

Winarko, Bambang. 2009. *Perpustakaan Digital di Indonesia dan Fitur-fitur yang Tersedia*. Diakses pada tanggal 21 Juni 2021 dari <http://203.190.36.42/publikasi/pp182093.pdf>

Yonatan, Kasamilale. 2018. *Implementasi Search Engine Optimization untuk Meningkatkan SERP pada Website PMK Exodus STMIK Akakom Yogyakarta*. Diakses pada tanggal 22 Agustus 2020 dari https://eprints.akakom.ac.id/8058/3/3_145410105_BAB_II.pdf.

LAMPIRAN

1. *Screenshot* Halaman *Login* Mahasiswa

DIGITAL LIBRARY
FAKULTAS TEKNIK UNHAS

Q Search ... Search

Username
admin_informatika

Password

*use your NEOSIA/APPS account to login.

Login

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2. Screenshot Halaman Submit Tugas Akhir

DIGITAL LIBRARY
FAKULTAS TEKNIK UNHAS

Q Search ... Search

Form Submit Tugas Akhir

Title

I
Enter Title

Abstract

I
Enter Abstract

Keywords

Enter keyword separate by comma (,)

Study Program Choose Study Program **Year** Enter year

Pembimbing Pilih Pembimbing **Tgl. Yudisium/Ujian Tutup** dd/mm/yyyy

[Tambah Pembimbing](#)

Upload your PDF

Browse

*max 25MB

Source Project Url (Optional)

Enter Source Project Url

Cancel Submit

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3. Screenshot Halaman Pencarian

The screenshot displays a digital library search interface. At the top left is the logo of Universitas Hasanuddin (UNHAS) and the text 'DIGITAL LIBRARY FAKULTAS TEKNIK UNHAS'. A search bar with a magnifying glass icon and the text 'Search...' is located at the top right, along with a 'Search' button and a user profile icon. Below the search bar, the page is divided into a left sidebar for filters and a main content area for search results.

Filters:

- Type:**
 - Proceeding (2)
 - Skripsi (2)
 - Jurnal (1)
- Study Program:**
 - Teknik Informatika S1 (2)
- Author/Writer:**
 - Zulkifli Tahir (4)
 - Amil Ahmad Ilham (2)
 - A. Ais Prayogi (1)
 - Zahir Zainuddin (1)
 - Ingrid Nurtanio (1)
 - Christoforus Yohannes (1)
 - Adnan (1)
 - Anugrayani Bustamin (1)
 - Rahmat Firman (1)
 - Syarif Hidayatullah (1)[Show more...](#)
- Years:**

2020 ————— 2021

From: To:

Apply Year Filter

Showing 1-2 of 2 :

Perancangan Sistem Pencarian berbasis *Full-Text Search Engine* dengan *Elasticsearch*. Studi Kasus: Web Digital *Library* Fakultas Teknik Universitas Hasanuddin SKRIPSI

Rahmat Firman | Amil Ahmad Ilham | Anugrayani Bustamin
Teknik Informatika S1 | 2021

Abstract:
Perkembangan teknologi informasi yang pesat baik dari segi ukuran data maupun jenisnya membuat kebutuhan akan pengelolaan informasi juga ikut meningkat. Tidak terkecuali dalam dunia pendidikan

[Read more](#) ▾

Rancang Bangun E-Commerce Custom T-Shirt berbasis Website dengan menggunakan Library FabricJS. SKRIPSI

Syarif Hidayatullah | Amil Ahmad Ilham | Zulkifli Tahir
Teknik Informatika S1 | 2020

Abstract:
Usaha dibidang jasa sablon baju kaos sedang banyak digeluti karena sangat menguntungkan sebab baju kaos adalah salah satu dari kebutuhan primer dari setiap orang. Namun selama ini usaha jasa sablon baju

[Read more](#) ▾

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4. Screenshot Halaman Detail Literature

The screenshot shows the header of a digital library website. On the left is the logo of Universitas Hasanuddin (UNHAS) and the text 'DIGITAL LIBRARY FAKULTAS TEKNIK UNHAS'. In the center is a search bar with a magnifying glass icon and the text 'Search ...'. On the right is a red 'Search' button and a user profile icon.

Perancangan Sistem Pencarian berbasis *Full-Text Search Engine* dengan *Elasticsearch*. Studi Kasus: Web Digital *Library* Fakultas Teknik Universitas Hasanuddin

Writer(s) : Rahmat Firman | Amil Ahmad Ilham | Anugrayani Bustamin
Teknik Informatika | Teknik Informatika S1

PDF

Abstract
Perkembangan teknologi informasi yang pesat baik dari segi ukuran data maupun jenisnya membuat kebutuhan akan pengelolaan informasi juga ikut meningkat. Tidak terkecuali dalam dunia pendidikan misalnya Perguruan Tinggi. Ratusan bahkan ribuan karya ilmiah yang dihasilkan oleh mahasiswa maupun tenaga pendidik tiap tahunnya. Namun tidak banyak dari karya ilmiah tersebut berhasil diarsipkan secara digital. Sehingga dibutuhkan sebuah sistem yang dapat mengelola data tersebut agar dapat ditemukan secara cepat dalam hal ini adalah Sistem *Digital Library* dengan konsep pencarian data menggunakan *Full-Text Search Engine* dengan *Elasticsearch*. Untuk menguji sebuah sistem pencarian berbasis *Full-Text search* dengan *Elasticsearch*, pada penelitian ini digunakan metode *Black Box* untuk pengujian fungsional sistem dan *Precision, Recall, F-Measure* serta *Search Response Time* untuk pengujian kinerja sistem. Penggunaan kata kunci yang beragam dalam penelitian ini juga diharapkan dapat menambah tingkat akurasi dari hasil pengujian yang dilakukan. Dalam penerapannya, konsep pencarian data berbasis *Full-Text Search* dengan *Elasticsearch* dapat diterapkan dalam sistem digital *library* dan dipadukan dengan relational database seperti *MySQL* untuk mempermudah proses management data. Sistem yang dibangun terbukti efektif dalam melakukan pencarian data, hal ini dibuktikan dari hasil pengujian dengan perolehan nilai *F-Measure* diatas 80%.

Keyword(s): *Search Engine, Elasticsearch, Full-Text Search, Digital Library, Management Data*
Year : 2021

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5. Screenshot Halaman CMS Login

The screenshot shows a login page for an administrator. The background is a light blue gradient. At the top center, the text 'Login Administrator' is displayed. Below this, there is a white box containing the following elements:

- The text 'Sign in to start your session'.
- A text input field labeled 'Username'.
- A text input field labeled 'Password'.
- A blue button labeled 'Sign In'.

6. Screenshot Halaman CMS Dashboard

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7. Screenshot Halaman CMS List User

<input type="checkbox"/>	Name	Email	Roles	Date Created
<input type="checkbox"/>	Admin Informatika	admin_informatika@gmail.com	Admin Teknik Informatika	14 Mar 2021 8:42 PM (+00:00 GMT)
<input type="checkbox"/>	Admin Elektro	admin_elektro@gmail.com	Admin Teknik Elektro	23 Jul 2021 4:00 PM (+00:00 GMT)
<input type="checkbox"/>	Informatika - Amil	amil99ai@gmail.com	Admin Teknik Informatika	24 Jul 2021 1:52 PM (+00:00 GMT)
<input type="checkbox"/>	Super Admin - Amil	amil@unhas.ac.id	Super Admin	25 Jul 2021 1:25 AM (+00:00 GMT)

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8. Screenshot Halaman CMS add User

DigiLib
☰
Reset Password
Sign out

Super admin
super_admin@digilib.com

MAIN NAVIGATION

- User Management
- User List
- Data Management

Add New User

Email address

Role List

Showing all 13

Filter

→ →

- Admin Arsitektur
- Admin Teknik Elektro
- Admin Teknik Geologi
- Admin Teknik Industri
- Admin Teknik Informatika
- Admin Teknik Kelautan
- Admin Teknik Lingkungan
- Admin Teknik Mesin
- Admin Teknik Perencanaan W
- Admin Teknik Perkapalan

Name

Empty list

Filter

← ←

Username

Password

Confirm Password

Admin Type

Admin Departemen
▼

CANCEL
SAVE

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Version 0.0.1

9. Screenshot Halaman CMS edit User

The screenshot shows the 'Edit User' page in the Digilib Admin interface. The page has a dark sidebar on the left with navigation options: 'User Management', 'User List', and 'Data Management'. The main content area is titled 'Edit User' and contains a form with the following fields:

- Email address:** admin_informatika@gmail.com
- Name:** Admin Informatika
- Username:** admin_informatika
- Admin Type:** Admin Departemen

At the bottom of the form are buttons for 'CANCEL', 'UPDATE', and 'Reset Password'. To the right of the form is a 'Role List' section showing a list of roles with a filter and navigation arrows. The roles listed are:

- Admin Arsitektur
- Admin Teknik Elektro
- Admin Teknik Geologi
- Admin Teknik Industri
- Admin Teknik Kelautan
- Admin Teknik Lingkungan
- Admin Teknik Mesin
- Admin Teknik Perencanaan W
- Admin Teknik Perkapalan
- Admin Teknik Pertambangan

The footer of the page contains the text: 'Copyright © 2021 Digilib Admin. All rights reserved.' and 'Version 0.0.1'.

10. Screenshot Halaman CMS List Writer

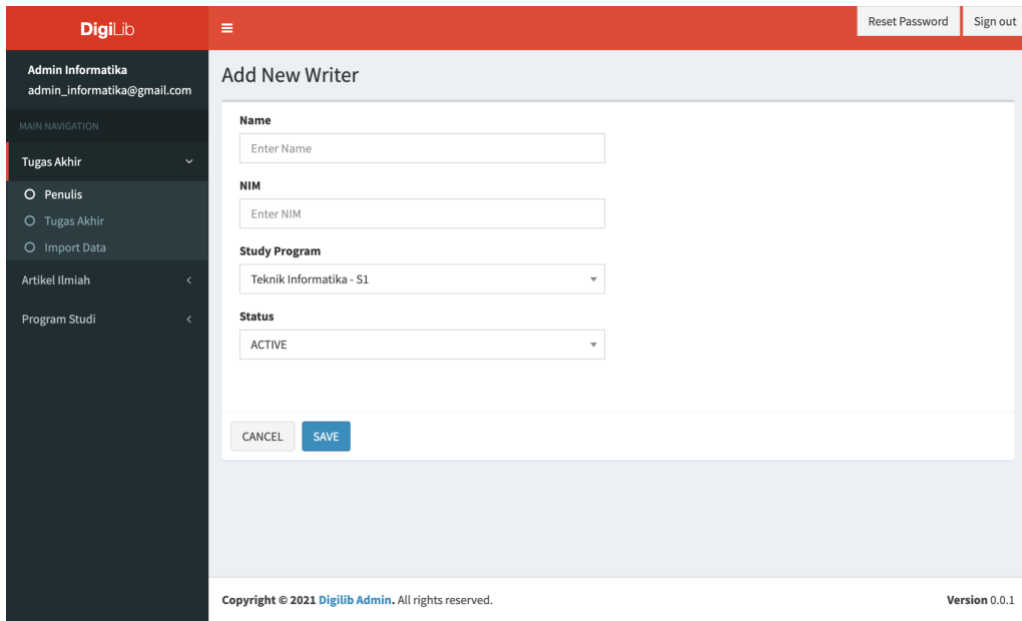
The screenshot shows the 'List Writer' page in the Digilib Admin interface. The page has a dark sidebar on the left with navigation options: 'Tugas Akhir', 'Penulis', 'Tugas Akhir', 'Import Data', 'Artikel Ilmiah', and 'Program Studi'. The main content area is titled 'List Writer' and contains a search bar and a table of active writers.

At the top of the table, there are buttons for 'Deactivate' and 'Add New Writer'. The table has the following columns: 'Name', 'NIM', 'Study Program', and 'Last Modified'. The data in the table is as follows:

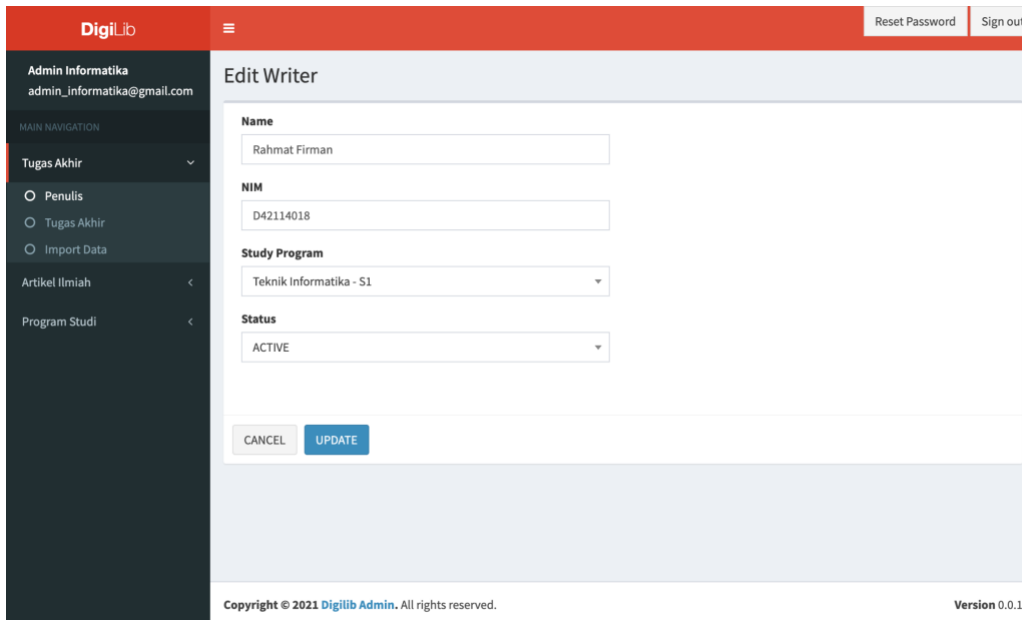
<input type="checkbox"/>	Name	NIM	Study Program	Last Modified
<input type="checkbox"/>	Abdillah Satri R	D42114516	Teknik Informatika S1	25 Jul 2021 4:24 AM (+00:00 GMT)
<input type="checkbox"/>	Andi Khairil Fajri R	D42114510	Teknik Informatika S1	25 Jul 2021 3:55 AM (+00:00 GMT)
<input type="checkbox"/>	Al Riefqy Dasmito	D42114502	Teknik Informatika S1	25 Jul 2021 2:35 AM (+00:00 GMT)
<input type="checkbox"/>	Yakip	D42114308	Teknik Informatika S1	25 Jul 2021 2:19 AM (+00:00 GMT)
<input type="checkbox"/>	Muh Ardiansyah A R	D42114303	Teknik Informatika S1	25 Jul 2021 2:09 AM (+00:00 GMT)
<input type="checkbox"/>	Syarif Hidayatullah	D42114514	Teknik Informatika S1	24 Jul 2021 3:42 PM (+00:00 GMT)
<input type="checkbox"/>	Rahmat Firman	D42114018	Teknik Informatika S1	22 Jul 2021 6:43 AM (+00:00 GMT)

The footer of the page contains the text: 'Copyright © 2021 Digilib Admin. All rights reserved.' and 'Version 0.0.1'.

11. Screenshot Halaman CMS add Writer



12. Screenshot Halaman CMS edit Writer



13. Screenshot Halaman CMS List Tugas Akhir

The screenshot displays the 'List Tugas Akhir' (Final Assignment List) page in the DigiLib CMS. The page features a sidebar on the left with navigation options: 'Tugas Akhir' (selected), 'Penulis', 'Artikel Ilmiah', and 'Program Studi'. The main content area shows a table of assignments with the following data:

<input type="checkbox"/>	Title	Writer	Pembimbing	Study Program	Last Modified
<input type="checkbox"/>	Plug and Play IoT Sensor Studi Kasus Monitoring ...	Andi Khairil Fajri R D42114510	1. Dr. Adnan, ST., MT. 2. Ir. Christoforus Yohannes, MT.	Teknik Informatika S1	25 Jul 2021 4:02 AM (+00:00 GMT)
<input type="checkbox"/>	Knowledge Management System Untuk Peningkatan Pelayanan ...	Muh Ardiansyah A R D42114303	1. Dr. Ir. Zahir Zainuddin, M.Sc. 2. Dr. Eng. Ir. Zulkifli Tahir, ST., M.Sc.	Teknik Informatika S1	25 Jul 2021 3:50 AM (+00:00 GMT)
<input type="checkbox"/>	Analisis Performansi Service Worker dengan ...	Al Riefqy Dasmito D42114502	1. Dr. Eng. Ir. Zulkifli Tahir, ST., M.Sc. 2. A. Ais Prayogi, ST., M.Eng	Teknik Informatika S1	25 Jul 2021 2:39 AM (+00:00 GMT)
<input type="checkbox"/>	Rancang Bangun system Klasifikasi Batuan dan Mineral ...	Yakip D42114308	1. Dr. Ir. Ingrid Nurtanio, MT 2. Dr. Eng. Ir. Zulkifli Tahir, ST., M.Sc.	Teknik Informatika S1	25 Jul 2021 2:25 AM (+00:00 GMT)
<input type="checkbox"/>	Perancangan Sistem Pencarian berbasis Full-Text ...	Rahmat Firman D42114018	1. Dr. Amil Ahmad Ilham, ST., MIT. 2. Anugrayani Bustamin, S.T., M.T.	Teknik Informatika S1	25 Jul 2021 1:43 AM (+00:00 GMT)
<input type="checkbox"/>	Rancang Bangun E-Commerce Custom T-Shirt berbasis ...	Syarif Hidayatullah D42114514	1. Dr. Amil Ahmad Ilham, ST., MIT. 2. Dr. Eng. Ir. Zulkifli Tahir, ST., M.Sc.	Teknik Informatika S1	24 Jul 2021 11:39 PM (+00:00 GMT)

At the bottom of the page, there is a copyright notice: 'Copyright © 2021 DigiLib Admin. All rights reserved.' and a version number: 'Version 0.0.1'.

14. Screenshot Halaman CMS add Tugas Akhir

DigiLib Reset Password | Sign out

Admin Informatika
admin_informatika@gmail.com

MAIN NAVIGATION

- Tugas Akhir
- Penulis
- Tugas Akhir
- Import Data
- Artikel Ilmiah
- Program Studi

Tambah Tugas Akhir

Title

Enter Title

Abstract

Enter Abstract

Search Keyword (Optional)

Year

Penulis

Pembimbing 1

Source Type

Upload File

Project Source Url

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15. Screenshot Halaman CMS edit Tugas Akhir

DigiLib Reset Password Sign out

Admin Informatika
admin_informatika@gmail.com

MAIN NAVIGATION

- Tugas Akhir
- Penulis
- Tugas Akhir
- Import Data

Artikel Ilmiah

Program Studi

Edit Tugas Akhir

Title

Perancangan Sistem Pencarian berbasis *Full-Text Search Engine* dengan *Elasticsearch*. Studi Kasus: Web Digital Library Fakultas Teknik Universitas Hasanuddin

Abstract

Perkembangan teknologi informasi yang pesat baik dari segi ukuran data maupun jenisnya membuat kebutuhan akan pengelolaan informasi juga ikut meningkat. Tidak terkecuali dalam dunia pendidikan misalnya Perguruan Tinggi. Ratusan bahkan ribuan karya ilmiah yang dihasilkan oleh mahasiswa maupun tenaga pendidik tiap tahunnya. Namun tidak banyak dari karya ilmiah tersebut berhasil diarsipkan secara digital. Sehingga dibutuhkan sebuah sistem yang dapat mengelola data tersebut agar dapat ditemukan secara cepat dalam hal ini adalah Sistem *Digital Library* dengan konsep pencarian data menggunakan *Full-Text Search Engine* dengan *Elasticsearch*. Untuk menguji sebuah sistem pencarian berbasis *Full-Text search* dengan *Elasticsearch*, pada penelitian ini digunakan metode *Black Box* untuk pengujian fungsional sistem dan *Precision, Recall, F-Measure* serta *Search Response Time* untuk pengujian kinerja sistem. Penggunaan kata kunci yang beragam dalam penelitian ini juga diharapkan dapat menambah tingkat akurasi dari hasil pengujian yang dilakukan. Dalam penerapannya, konsep pencarian data berbasis *Full-Text Search* dengan *Elasticsearch* dapat diterapkan dalam sistem digital *library* dan dipadukan dengan *relational database* untuk mempermudah proses manajemen data. Sistem yang dibangun terbukti efektif dalam melakukan

Search Keyword (Optional)

Search Engine, Elasticsearch, Full-Text Search, Digital Library, Management Data

Year

2021

Penulis

Rahmat Firman - D42114018

Pembimbing 1

Dr. Amil Ahmad Ilham, ST.,MIT.

Pembimbing 2 Remove

Anugrayani Bustamin, S.T., M.T.

[Tambah Pembimbing](#)

Source Type

Upload File

Upload File

Browse Draft_Seminar_Hasil_Skripsi_RahmatFirman_D42114018.pdf

Project Source Url

Enter Project Source Url

[CANCEL](#) [PUBLISH](#)

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16. Screenshot Halaman CMS list Authors

The screenshot displays the 'List Author' page in the DigiLib CMS. The page features a search bar at the top, followed by filters for 'ACTIVE(2782)' and 'INACTIVE(0)'. A 'Deactivate' button and an 'Add New Author' button are also present. The main content is a table listing authors with columns for Name, NIP, and Last Modified. The table contains 10 rows of author data. At the bottom of the table, there is a pagination control showing '1' of 279 items.

<input type="checkbox"/>	Name	NIP	Last Modified
<input type="checkbox"/>	Suherwin		24 Jul 2021 3:12 PM (+00:00 GMT)
<input type="checkbox"/>	Dr. Ir. Asmiaty Sahur, MP.	196910101993032001	24 Jul 2021 3:00 PM (+00:00 GMT)
<input type="checkbox"/>	Suci Rahmadani, S.K.M., M.Kes	199004012019032018	24 Jul 2021 3:00 PM (+00:00 GMT)
<input type="checkbox"/>	Drh. Musdalifah, S.KH	7315125908930001	24 Jul 2021 3:00 PM (+00:00 GMT)
<input type="checkbox"/>	Muh. Fajaruddin Natsir, SKM.,M.Kes.	198902112015041002	24 Jul 2021 3:00 PM (+00:00 GMT)
<input type="checkbox"/>	Jordan Tirto Sumule S.Gz	3275041504950004	24 Jul 2021 3:00 PM (+00:00 GMT)
<input type="checkbox"/>	Dra. Christiana Lethe, M.Si., Apt	194810021982032001	24 Jul 2021 3:00 PM (+00:00 GMT)
<input type="checkbox"/>	Cindy Asraeni Ansar, S.Sos., M.Si	7371146912940002	24 Jul 2021 3:00 PM (+00:00 GMT)
<input type="checkbox"/>	Prof. Dr. Idayanti, SE., M.Si.	196906271994032002	24 Jul 2021 3:00 PM (+00:00 GMT)
<input type="checkbox"/>	Ir. Nandi Kuswandi Sukendar, M.APP.Sc.	195711031984061001	24 Jul 2021 3:00 PM (+00:00 GMT)

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17. Screenshot Halaman CMS add Authors

DigiLib Reset Password Sign out

Admin Informatika
admin_informatika@gmail.com

MAIN NAVIGATION

- Tugas Akhir <
- Artikel Ilmiah ▾
- Author
- Artikel Ilmiah
- Program Studi <

Add New Author

Name

NIP

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18. Screenshot Halaman CMS edit Authors

DigiLib Reset Password Sign out

Admin Informatika
admin_informatika@gmail.com

MAIN NAVIGATION

- Tugas Akhir <
- Artikel Ilmiah ▾
- Author
- Artikel Ilmiah
- Program Studi <

Edit Author

Name

NIP

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19. Screenshot Halaman CMS edit Publisher

The screenshot shows the 'Edit Publisher' interface. The form contains the following data:

Field	Value
Name	IEEE
Url	Enter Url Publisher

Buttons: CANCEL, UPDATE

Footer: Copyright © 2014-2019 AdminLTE. All rights reserved. Version 2.4.18-pre

20. Screenshot Halaman CMS list Journal

The screenshot shows the 'List Journal' interface with the following table of data:

Title	ISBN	Publisher	Publish Date	Last Modified
Semantic Reasoning for Context-Aware Internet of Things ...	2327-4662	IEEE	01 Oct 2020 1:58 AM (+08:00 GMT)	26 Dec 2020 8:32 PM (+08:00 GMT)
Apparent Ultra-High b-Value Diffusion-Weighted Image ...	1558-254X	IEEE	01 Oct 2020 1:58 AM (+08:00 GMT)	01 Nov 2020 1:58 AM (+08:00 GMT)
A Reference Model for Internet of Things Middleware...	2327-4662	IEEE	01 Oct 2020 1:58 AM (+08:00 GMT)	01 Nov 2020 1:58 AM (+08:00 GMT)
Filter-based coded-excitation system for high-speed ...	1558-254X	IEEE	01 Oct 2020 1:58 AM (+08:00 GMT)	01 Nov 2020 1:58 AM (+08:00 GMT)
Advancing NovaGenesis Architecture Towards Future Internet ...	2327-4662	IEEE	01 Oct 2020 1:58 AM (+08:00 GMT)	01 Nov 2020 1:58 AM (+08:00 GMT)
Distributed vector Processing of a new local MultiScale ...	1558-254X	IEEE	01 Oct 2020 1:58 AM (+08:00 GMT)	01 Nov 2020 1:58 AM (+08:00 GMT)
MAN: Mutual Attention Neural Networks Model for Aspect-...	2327-4662	IEEE	01 Oct 2020 1:58 AM (+08:00 GMT)	01 Nov 2020 1:58 AM (+08:00 GMT)
The X-Space Formulation of the Magnetic Particle Imaging ...	1558-254X	IEEE	01 Oct 2020 1:58 AM (+08:00 GMT)	01 Nov 2020 1:58 AM (+08:00 GMT)
Object-Oriented Network: A Named-Data Architecture ...	2327-4662	IEEE	01 Oct 2020 1:58 AM (+08:00 GMT)	01 Nov 2020 1:58 AM (+08:00 GMT)
Real-Time Reconstruction of Sensitivity Encoded Radial ...	1558-254X	IEEE	01 Oct 2020 1:58 AM (+08:00 GMT)	01 Nov 2020 1:58 AM (+08:00 GMT)

Footer: Copyright © 2014-2019 AdminLTE. All rights reserved. Version 2.4.18-pre

21. Screenshot Halaman CMS add Journal

The screenshot displays the 'Add New Journal' interface in the DigiLib CMS. The page has a red header with the 'DigiLib' logo and user information (admin, admin@digilib.com). A sidebar on the left contains navigation links: Administrative, Skripsi Management, and Journal Management (with sub-links for Journal List, Author List, and Publisher List). The main content area is titled 'Add New Journal' and contains the following form fields:

- Title:** A text input field with the placeholder 'Enter Title Book'.
- Abstract:** A rich text editor with a toolbar containing icons for bold, italic, underline, list, link, unlink, and undo. The placeholder text is 'Enter Abstract'.
- Search Keyword:** A text input field with the placeholder 'Enter Search Keyword, separate by comma (,)'.
- Author(s):** A section with two columns. The left column is titled 'Showing all 1907' and contains a list of authors: Mohammad Javad, Shahid A. Haider, Alexander Wong, Dorothy Lui, Andrew Cameron, Ameen Modhafar, Paul Fieguth, Masoom A. Haider, Jan Shen, and E.S. Ebbini. The right column is titled 'Empty list' and is currently empty.
- ISBN:** A text input field with the placeholder 'Enter ISBN'.
- Number of Pages:** A text input field with the placeholder 'Enter Number of Pages'.
- Copyright Year:** A text input field with the placeholder 'Enter Year'.
- Publisher:** A dropdown menu with the option 'Select Publisher'.
- Source Type:** A dropdown menu with the option 'Upload File'.
- Cover:** A 'Browse' button for selecting a cover image.
- Date Publish:** A date input field with a clear (x) and calendar icon.
- Date Archive:** A date input field with a clear (x) and calendar icon.

At the bottom of the form are three buttons: 'CANCEL', 'SAVE', and 'PUBLISH'. The footer of the page contains the copyright notice 'Copyright © 2014-2019 AdminLTE. All rights reserved.' and the version number 'Version 2.4.18-pre'.

22. Screenshot Halaman CMS edit Journal

The screenshot displays the 'Edit Journal' interface in the DigiLib CMS. The top navigation bar includes 'DigiLib', a menu icon, and links for 'Reset Password' and 'Sign out'. The left sidebar shows the user 'admin' and navigation options: 'Administrative', 'Skripsi Management', 'Journal Management' (selected), 'Journal List', 'Author List', and 'Publisher List'. The main content area is titled 'Edit Journal' and contains the following fields:

- Title:** Semantic Reasoning for Context-Aware Internet of Things Applications
- Abstract:** Acquiring knowledge from continuous and heterogeneous data streams is a prerequisite for Internet of Things (IoT) applications. Semantic technologies provide comprehensive tools and applicable methods for representing, integrating, and acquiring knowledge. However, resource-constraints, dynamics, mobility, scalability, and real-time requirements introduce challenges for applying these methods in IoT environments. We study how to utilize semantic IoT data for reasoning of actionable knowledge by applying state-of-the-art semantic technologies. For performing these studies, we have developed a semantic reasoning system operating in a realistic IoT environment. We evaluate the scalability of different reasoning approaches, including a state-of-the-art distributed reasoning mobile reasoning and a hybrid of them. We...
- Search Keyword:** Enter Search Keyword, separate by comma (,)
- Author(s):** Showing all 1904 authors. Filterable list including: Mohammad Javac, Shahid A. Haider, Alexander Wong, Dorothy Lui, Andrew Cameron, Ameen Modhafar, Paul Fieguth, Masoom A. Haider, Jian Shen, E.S. Ebbini, Altı İleri Maarala, Xiang Su, and Jukka Riekk.
- ISBN:** 2327-4662
- Number of Pages:** 35
- Copyright Year:** 2016
- Publisher:** IEEE
- Source Type:** Url
- Url Source:** https://ieeexplore.ieee.org/document/7505971
- Date Publish:** 01/10/2020
- Date Archive:** (empty)

At the bottom of the form are 'CANCEL' and 'UPDATE' buttons. The footer contains the copyright notice 'Copyright © 2014-2019 AdminLTE. All rights reserved.' and the version 'Version 2.4.18-pre'.

LEMBAR PEBAIKAN SKRIPSI

**PERANCANGAN SISTEM Pencarian Berbasis *FULL-TEXT*
SEARCH ENGINE DENGAN *ELASTICSEARCH*. STUDI KASUS: WEB
DIGITAL LIBRARY FAKULTAS TEKNIK
UNIVERSITAS HASANUDDIN**

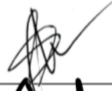

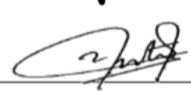

Oleh:

RAHMAT FIRMAN

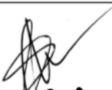
D421 14 018

Skripsi ini telah dipertahankan pada Ujian Akhir Sarjana tanggal 03 Agustus 2021. Telah dilakukan perbaikan penulisan dan isi skripsi berdasarkan usulan dari penguji dan pembimbing skripsi.

Persetujuan perbaikan oleh Tim Penguji:

	Nama	Tanda Tangan
Ketua	Dr. Amil Ahmad Ilham, ST., M.IT	
Sekretaris	Anugrayani Bustamin, ST., MT	
Anggota	Dr.Eng. Intan Sari Areni, ST., MT	
	Iqra Aswad, ST., MT	

Persetujuan perbaikan oleh Pembimbing:

Pembimbing	Nama	Tanda Tangan
I	Dr. Amil Ahmad Ilham, ST., M.IT	
II	Anugrayani Bustamin, ST., MT	