

Hello Everyone, I Am

Raisa Salsabil Yusriyya

raisasalsabil.com

Fresh graduate in **Information
Technology** from Gadjah Mada University

[Contact Me](#)

[Download
Resume](#)

[GitHub](#)



Skills and Tech Stacks

Portfolio Web:

raisasalsabil.com

GitHub:

github.com/raisasalsabily

Skill focus:



Tech stacks used:

React.js, Next.js, Node.js, Express.js, HTML5, CSS3, TailwindCSS, Sass, Javascript, Python, C#, MongoDB, PostgreSQL, MySQL, Git, Azure, AWS, Figma

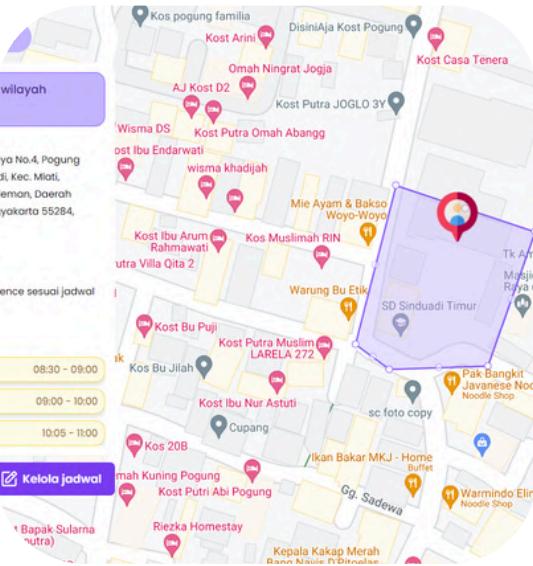


- Front-end web development
- Back-end web development
- Database management
- UI/UX Design

My Projects



PDDikti v2 - Integrated Data for Higher Education Web



Andal - Context-Based Child Safety Web App Using Geofencing



Rute.in - Tourism Route Recommendation Web App



BiSA - Campus Bike Rent Web Application



Web App for IoT-based Monitoring and Automation System for Integrated Laying Hens Cage Environment



“Desa Sehat” Website



Jogja Smart Service (JSS) - Frequently Asked Questions (FAQ) Page



“DietKuy” Desktop Application

PDDikti v2 Web

New Version of Pangkalan Data Pendidikan Tinggi

PDDikti is a collection of higher education implementation data from all universities that have been integrated nationally. The PDDikti web can be used to check data on higher education related things.

Link to web: pddikti.kemdikbud.go.id

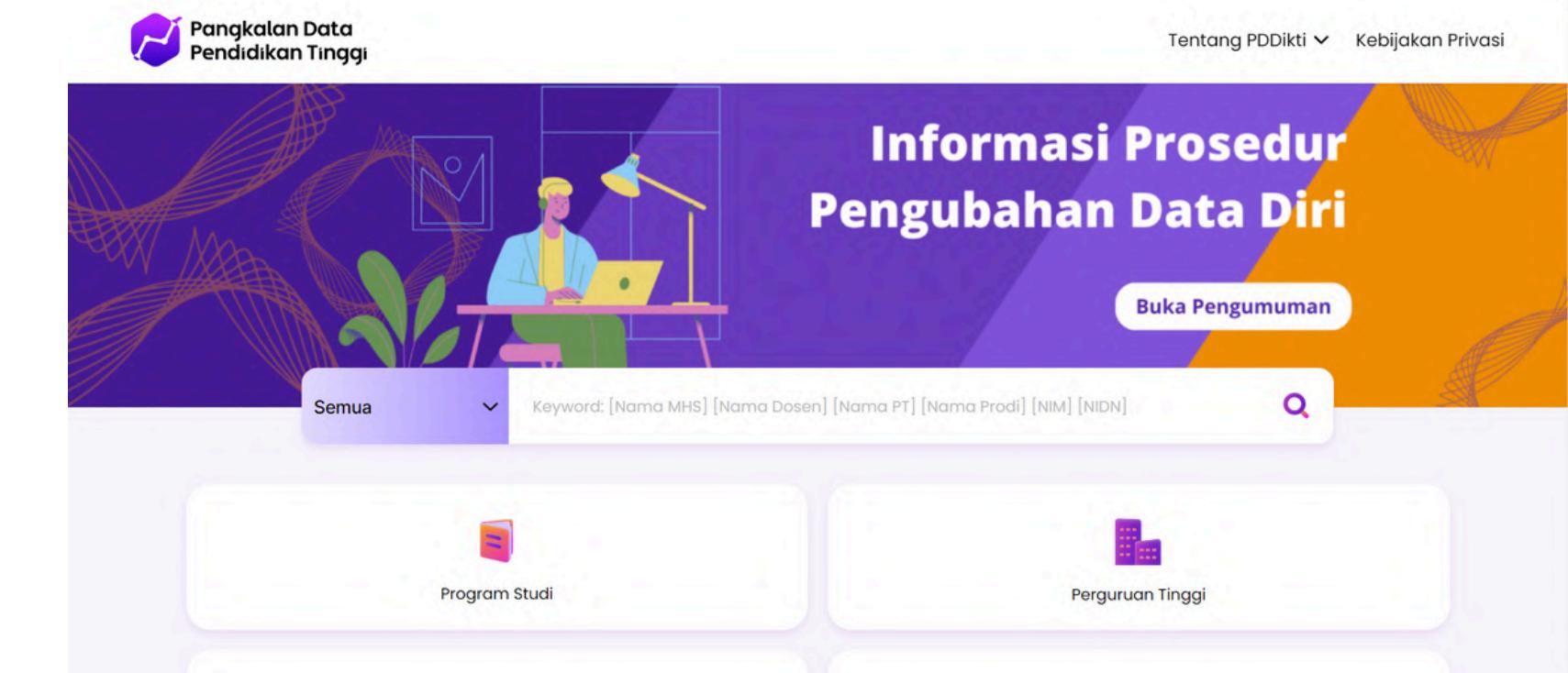
Role: Front-End Developer Intern (Kampus Merdeka)

Features Developed

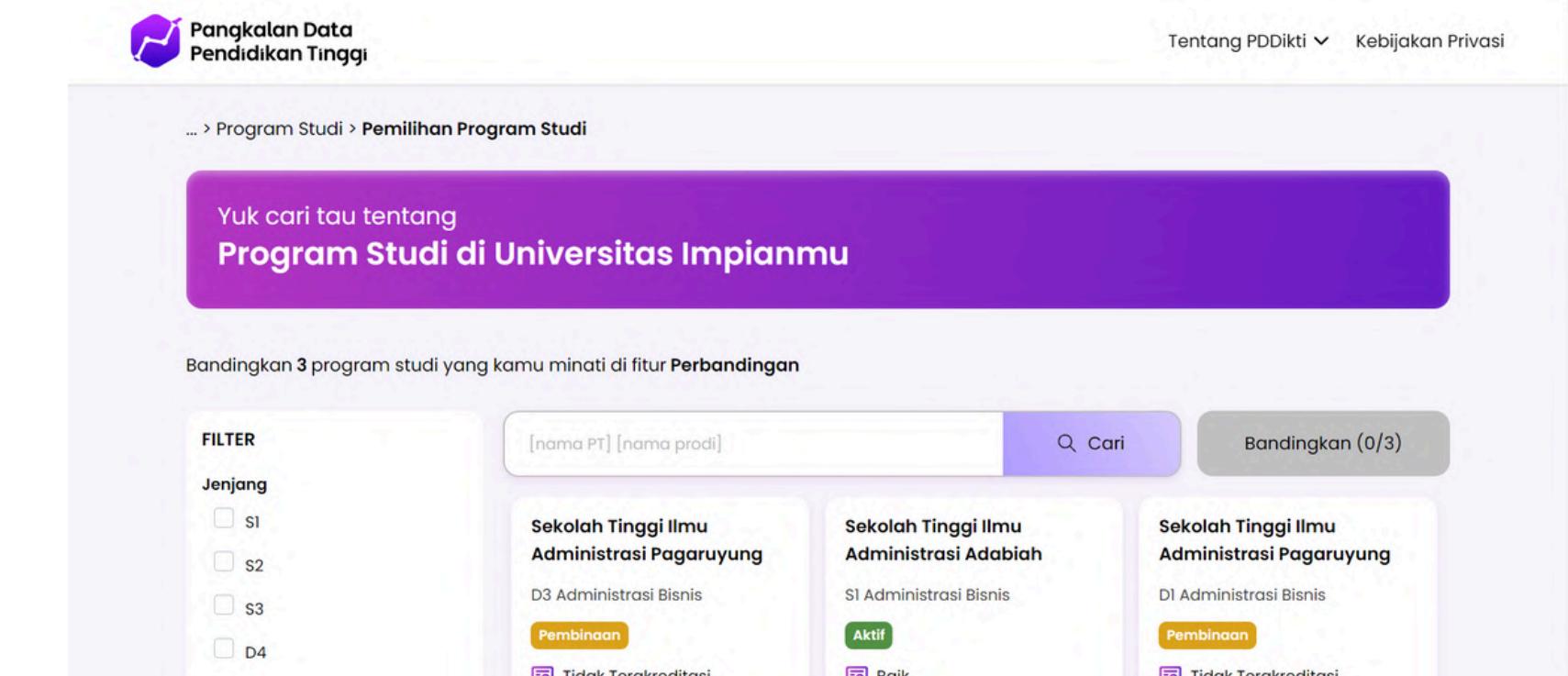
1. "Program Studi" features
2. "Perbandingan Program Studi" features
3. "Detail Dosen" page
4. "Detail Mahasiswa" page
5. "Pengumuman" page
6. Breadcrumb navigation
7. Back-end pagination feature

Tech stacks:

React.js and TailwindCSS



Landing Page



Degree Program Compartarion

Pangkalan Data Pendidikan Tinggi

Tentang PDDikt  Kebijakan Privasi

Beranda > Program Studi

Yuk cari tau tentang
Program Studi Berdasarkan Bidang Ilmu di Indonesia

Cari program studi Cari

 Agama Total Lulusan Mahasiswa: 920.043 Percentase Lulusan: 44,68% Lihat Program Studi	 Ekonomi Total Lulusan Mahasiswa: 8.446.182 Percentase Lulusan: 51,90% Lihat Program Studi	 Humaniora Total Lulusan Mahasiswa: 915.550 Percentase Lulusan: 51,72% Lihat Program Studi
 Kesehatan Total Lulusan Mahasiswa: 4.764.132 Lihat Program Studi	 MIPA Total Lulusan Mahasiswa: 1.238.321 Lihat Program Studi	 Pendidikan Total Lulusan Mahasiswa: 10.493.547 Lihat Program Studi

Degree Program Fields

Pangkalan Data Pendidikan Tinggi

Tentang PDDikt  Kebijakan Privasi

Portofolio

Penelitian Pengabdian Masyarakat Publikasi Karya HKI/Paten

No	Judul Karya	Jenis Karya	Tahun
1	Pengaruh Profitabilitas Dan Ukuran Perusahaan Terhadap Nilai Perusahaan Dengan CSR Sebagai Pemoderasi	Prosiding seminar nasional	2018
2	Faktor-faktor yang berpengaruh pada perilaku pemilihan program studi bagi mahasiswa baru (Studi Kasus Sekolah Vokasi Universitas Gadjah Mada)	Lain-lain	2015
3	Pengaruh independensi, integritas, dan pengalaman kerja terhadap kualitas audit	Lain-lain	2018
4	Pengaruh kecerdasan spiritual, kecerdasan emosional, kecerdasan intelektual dan gender terhadap perilaku etis auditor masa depan	Lain-lain	2018
5	Pengaruh profitabilitas dan ukuran perusahaan terhadap nilai perusahaan dengan CSR sebagai pemoderasi	Lain-lain	2018
6	Factors That Influence The Interest In Using Tax Consultant Services	Lain-lain	2019

Lecturer Detail Page - Portfolio

... > ... > ... > Pemilihan Program Studi > **Sekolah Tinggi Ilmu Administrasi Menara Siswa**



Sekolah Tinggi Ilmu Administrasi Menara Siswa
Kab. Bogor, Prov. Jawa Barat



D3 Administrasi Bisnis

Kode 043033	Akreditasi Baik	Rasio Dosen : Mahasiswa 1:10.2	SK Selenggara 12225/D/T/K-IV/2012
Biaya Kuliah Rp1.500.000 - 1.500.000	Akreditasi Internasional -	Rasio Diterima : Pendaftar 1:1	Tanggal SK Selenggara 6 Juni 2012
Tanggal Berdiri 26 Oktober 1998			
 0251-8616927		 0251-616909	 info@menarasiswa.ac.id
 www.menarasiswa.ac.id			

Degree Program Detail

Andal Web App - Child Safety using Geofencing

A context-based application with GPS support

Andal web is a child safety application that can monitor the location of geofencing techniques. If the child goes outside the boundaries determined by the parent, a notification will be sent.

***This web app is made for undergraduate thesis.**

Link to web: andal-app.vercel.app

Login with Parent -username: akuntamu pass: Raisa911@

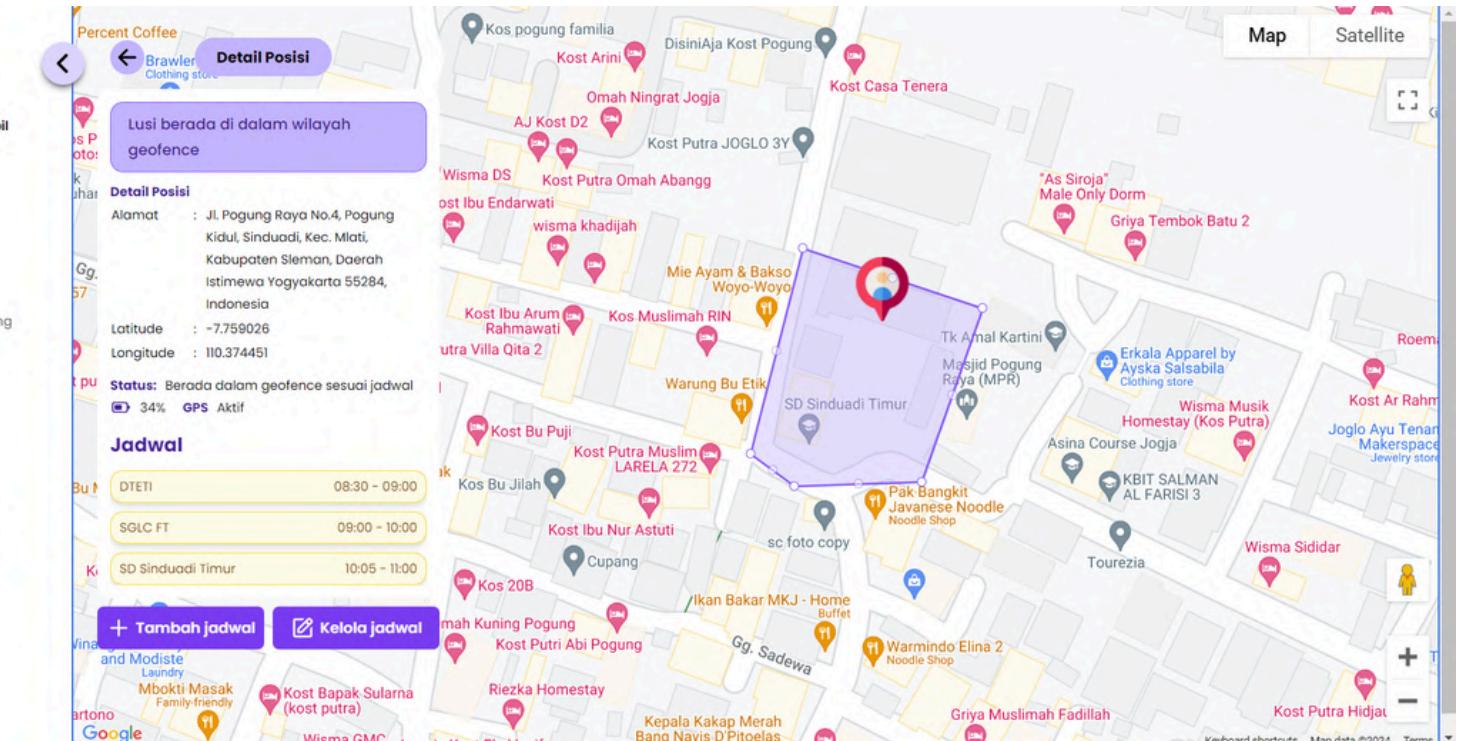
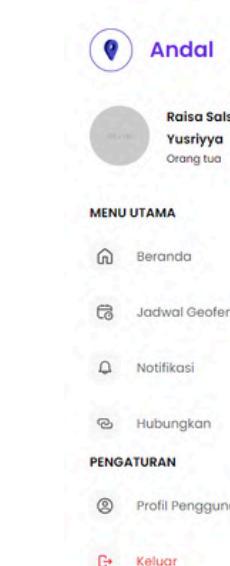
Child - username: nugrahafirman, pass: Nugraha911@

GitHub: github.com/Andal-app/andal-fe

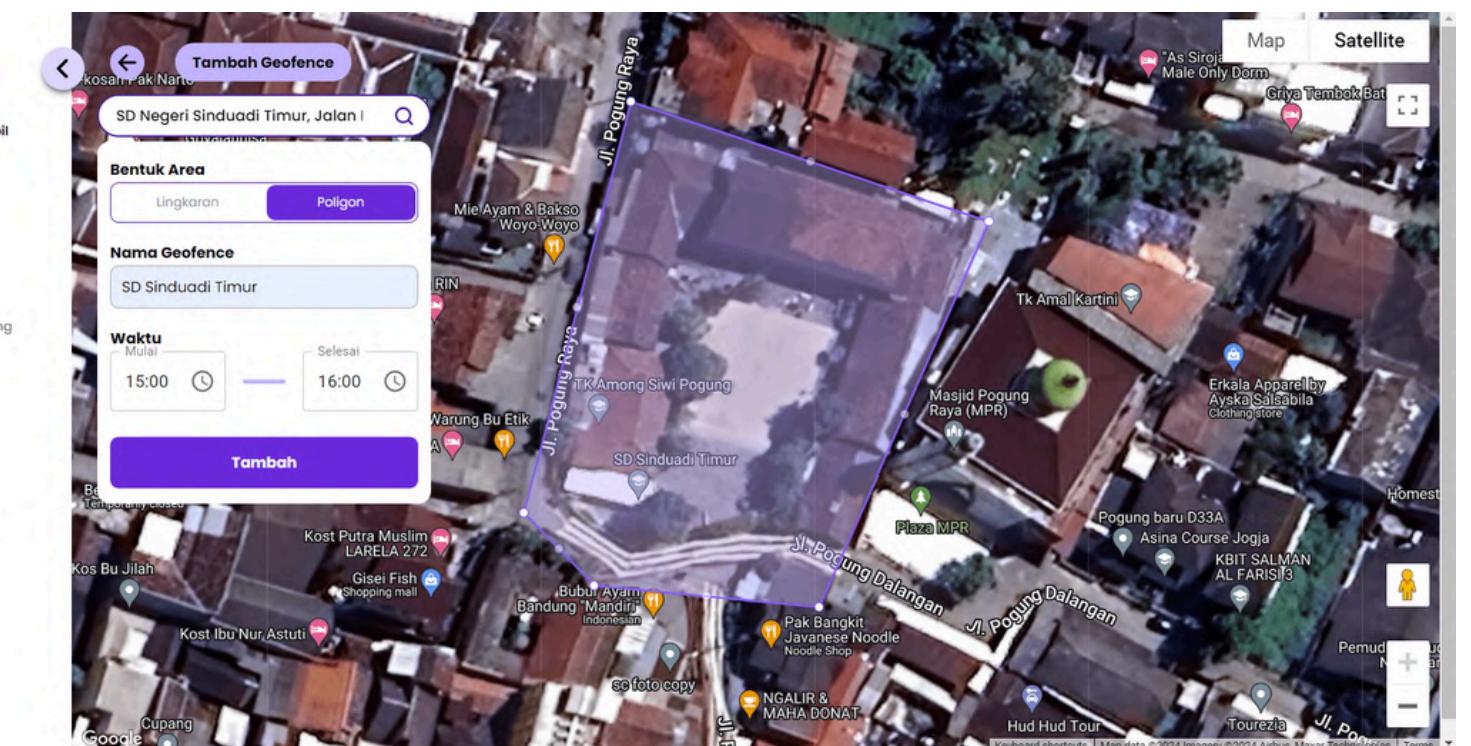
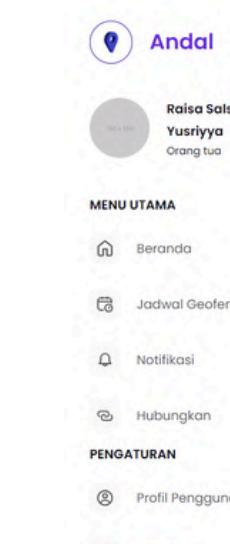
Role: Front-End Developer

Features Developed

1. Real-time device location and battery monitoring
2. Geofencing schedule management (CRUD)
3. Google Maps for drawing circular & polygonal geofences
4. Real-time push notifications
5. Geocoding (convert coordinates to addresses)
6. Child device change detection
7. QR code & OTP for linking parent and child accounts
8. Sign up, sign in, and log out
9. User profile management (edit & delete)
10. Desktop & Mobile responsivity & compatibility

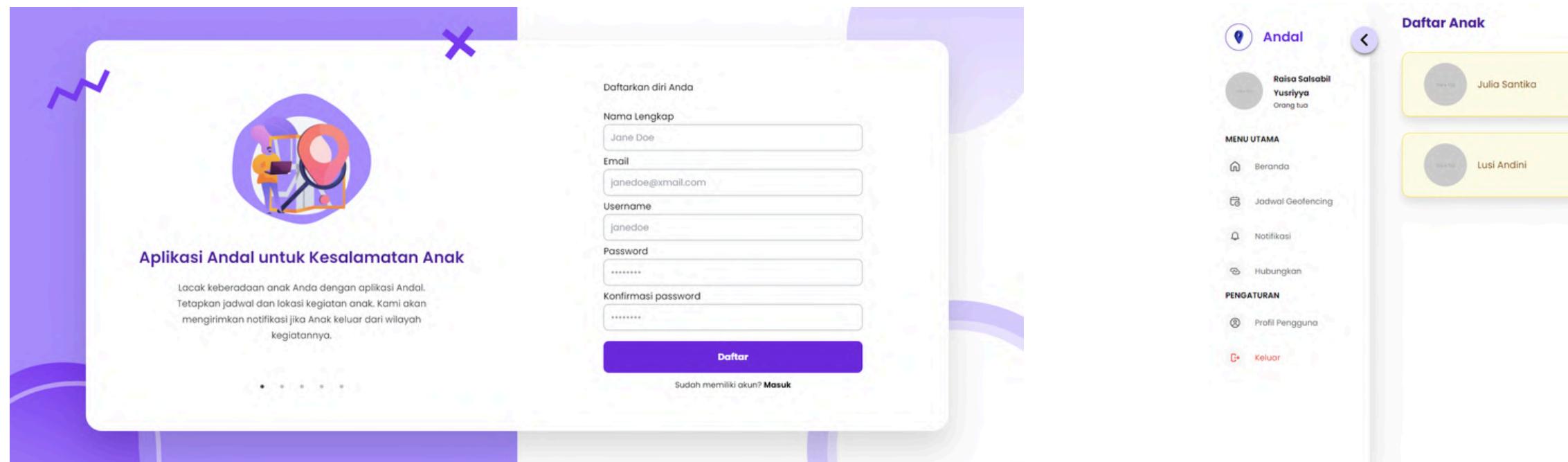


Child Position Detail



Add Geofencing

Tech stacks:
React.js, TailwindCSS, Google Maps API



Parent Sign Up

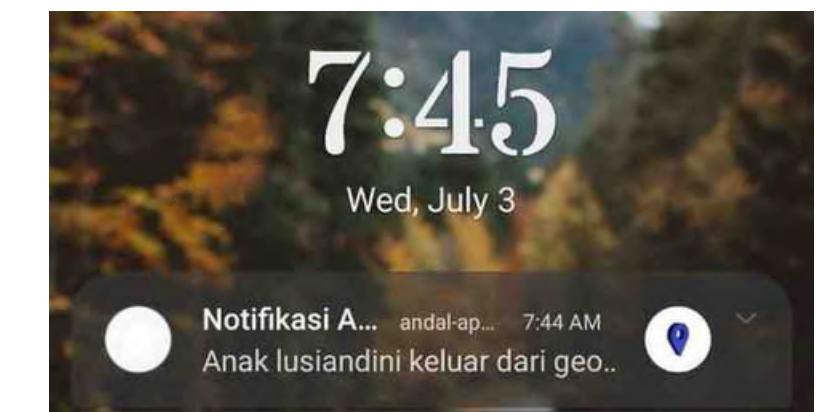
Parent Home Page

Linking Accounts

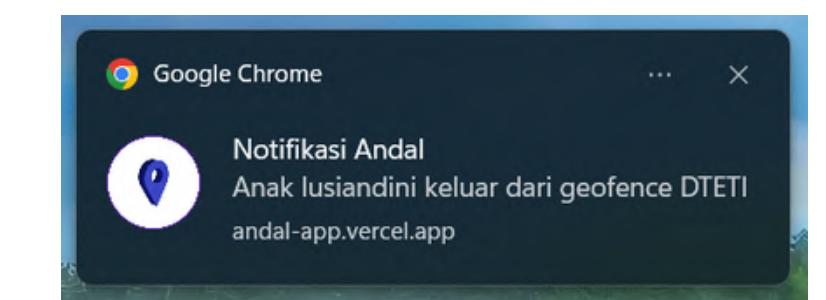
Geofencing Schedule

Notification History

User Profile



Push Notification on Smartphone

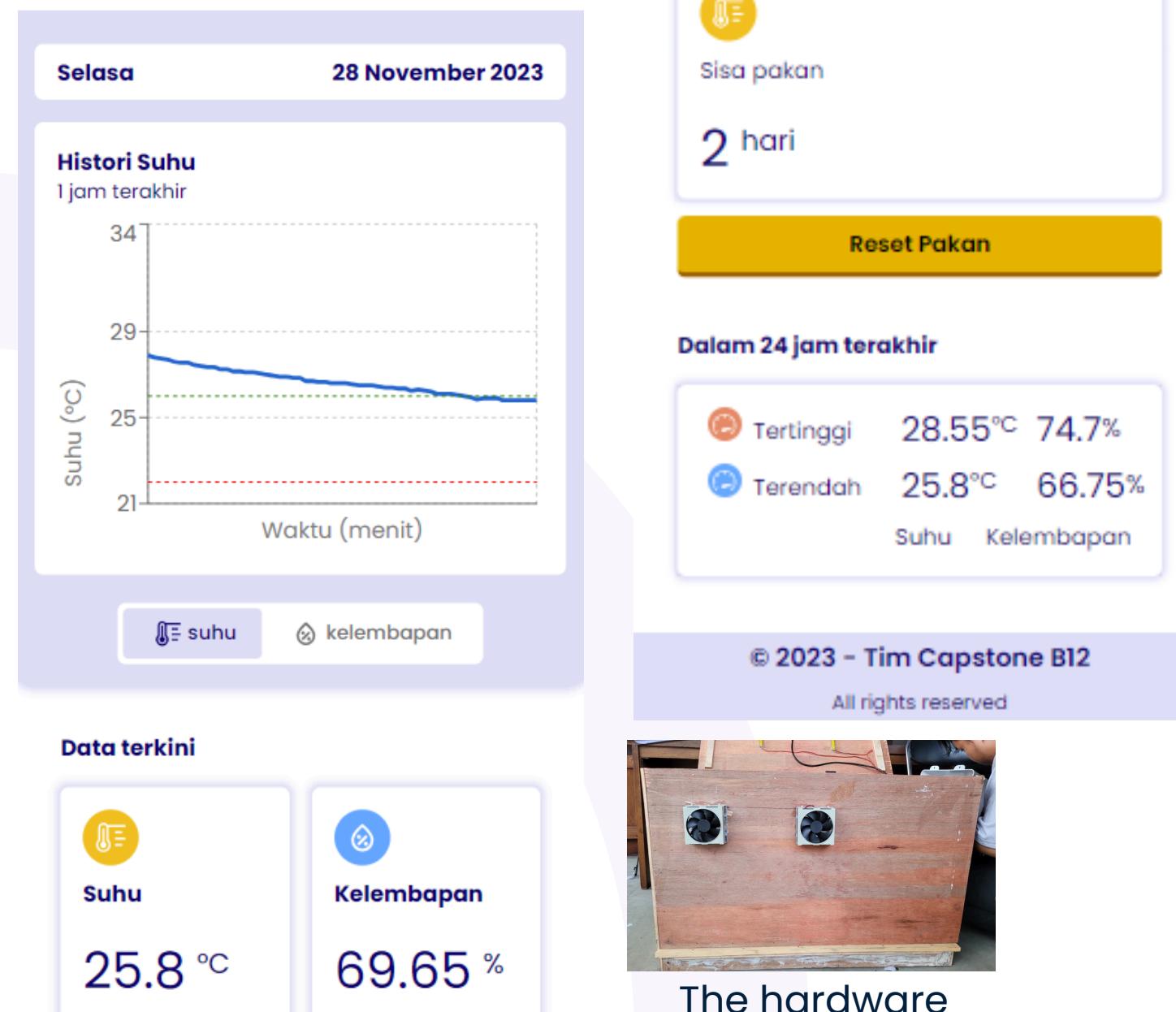


Push Notification on Desktop

IoT-based Monitoring and Automation System for Integrated Laying Hens Cage Environment

Capstone project is a final college project that lasts 1 year. The result of this project is an engineering product related to electrical and information engineering.

KandangKoo



Role: Team Leader, Project Manager, Full-Stack Web Developer

✓ Monitoring Web App (UI/UX Design, Front-End, & Back-End)

The web app is a dashboard containing live data originating from sensors on an Internet of Things hardware. The features are:

1. Graph of cage temperature and humidity values.
2. Current values of temperature and humidity.
3. Estimated duration of time when feed supplies will run out.
4. Highest and lowest temperature values in the last 24 hours.

Link to web: <https://kandangkoo.vercel.app/>

✓ Communication Between Hardware and Web App

Handled communication between software and hardware with a lightweight communication protocol that is suitable for low bandwidth, namely MQTT.

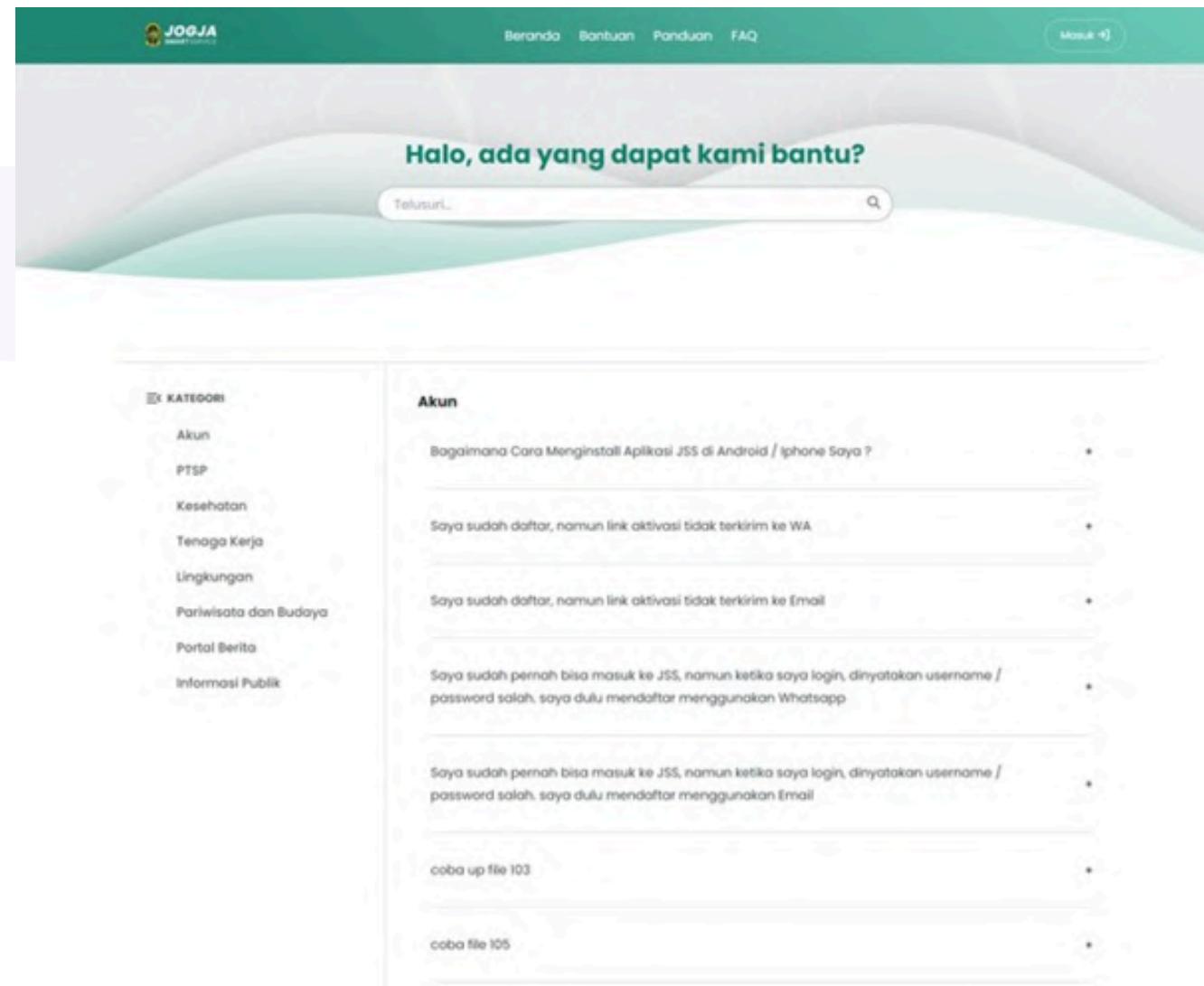
Tech stacks: React.js, Express.js, Node.js, MongoDB, TailwindCSS, ArduinoIDE, Javascript

GitHub

FE: <https://github.com/raisasalsabily/capstonefe>
 BE: <https://github.com/raisasalsabily/capstonebe>

Jogja Smart Service (JSS) - Frequently Asked Questions (FAQ) Page (Internship)

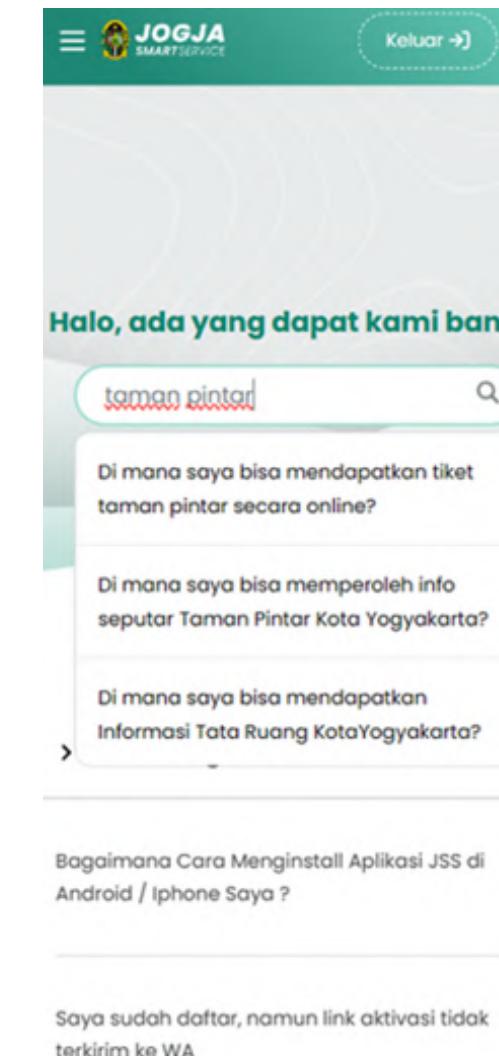
Internship project at Dinas Komunikasi Informatika dan Persandian Kota Yogyakarta. Developed the FAQ service on the Jogja Smart Service web application using MERN stack. Responsible for front-end, back-end, and database configuration. Worked in a team of three.



The landing page displays a sidebar with categories: Akun, PTSP, Kesehatan, Tenaga Kerja, Lingkungan, Pariwisata dan Budaya, Portal Berita, and Informasi Publik. The main content area shows frequently asked questions under the 'Akun' category, such as:

- Bagaimana Cara Menginstall Aplikasi JSS di Android / Iphone Saya ?
- Saya sudah daftar, namun link aktivasi tidak terkirim ke WA
- Saya sudah daftar, namun link aktivasi tidak terkirim ke Email
- Saya sudah pernah bisa masuk ke JSS, namun ketika saya login, dinyatakan username / password salah, saya dulu mendaftar menggunakan WhatsApp
- Saya sudah pernah bisa masuk ke JSS, namun ketika saya login, dinyatakan username / password salah, saya dulu mendaftar menggunakan Email
- coba up file 103
- coba file 105

Landing page (View the FAQ list by category)



The search results page shows a list of questions related to 'taman pintar':

- Di mana saya bisa mendapatkan tiket taman pintar secara online?
- Di mana saya bisa memperoleh info seputar Taman Pintar Kota Yogyakarta?
- Di mana saya bisa mendapatkan Informasi Tata Ruang KotaYogyakarta?

Below the search bar, there are two more questions:

- Bagaimana Cara Menginstall Aplikasi JSS di Android / Iphone Saya ?
- Saya sudah daftar, namun link aktivasi tidak terkirim ke WA

Search FAQ with fuzzy search

Role: Full-Stack Web Developer

Features

1. Authentication
2. Search FAQ with fuzzy search
3. View the FAQ list by category
4. Open FAQ single page
5. Share FAQ link to social medias
6. Dashboard to create, edit, and delete FAQ, category, and user

Tech stacks:

React.js, Express.js, Node.js, MongoDB, TailwindCSS, Javascript

GitHub

FE: <https://github.com/raisasalsabily/jss-faq-fe>
 BE: <https://github.com/ipungsonia/jss-faq-be>

-- Kembali

Bagaimana cara Autologin ke Free Hotspot Pemkot Jogja?

Berikut adalah tutorial autologin FREE HOTSPOT PEMKOT YK dengan aplikasi JSS.

1. Nyolokan Wi-Fi dan pilih: FREE HOTSPOT PEMKOT YOGYAKARTA.
2. Klik: SIGN IN TO FREE HOTSPOT. Lalu baca ketentuan penggunaan untuk dipatuhi. Klik close.
3. Masuk ke aplikasi JSS yang sudah terinstall.
4. Klik icon WiFi Free Hotspot (di bawah layanan umum). Atau ketik dan pilih "WiFi" di tombol pencarian.
5. Sudah berhasil. Terdapat "you are logged in to Jogjakota".

Open FAQ single page

Menambah Data

FAQ

Pertanyaan

Tulis pertanyaan...

Route URL

Generate url...

Kategori

Pilih kategori

Tag

Tambahkan tag

Jawaban

Normal B I U G

Tulis jawaban

Tampilkan FAQ

Simpan

Add Data

KELOLA KONTEN

- Pertanyaan
- Kategori
- Pengguna

FAQ

41 data ditemukan

+ Tambah Data

Telusuri...

PERTANYAAN	KATEGORI	DITAMPILKAN	LAMAN	UBAH
Bagaimana informasi vaksinasi tahap ke-2 disampaikan ke pendatar vaksin ke-1?	Kesehatan	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
Bagaimana Cara Menginstall Aplikasi JSS di Android / iPhone Saya ?	Akun	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
Bagaimana cara Pembuatan Kartu Pencari Kerja secara Online ?	Tenaga Kerja	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
Saya sudah daftar, namun link aktivasi tidak terkirim ke WA	Akun	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
Bagaimana cara melaporkan pengelolaan lingkungan?	Lingkungan	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

Admin Dashboard

Mengubah Data

Pengguna - adminJSS01

Username

adminJSS01

Peran

ADMIN

Perbarui

Mengubah Data

Pengguna - adminJSS01

Username

adminJSS01

Peran

ADMIN

ADMIN
EDITOR
PEGUNA JSS

Edit Data

Rute.in - Tourism Route Recommendation Web App

Rute.in is a web app that utilizes artificial intelligence, especially machine learning to determine tourist routes in Indonesia so that it can help tourists plan trips efficiently.

Role: Project Manager, Front-End Web Developer



Features

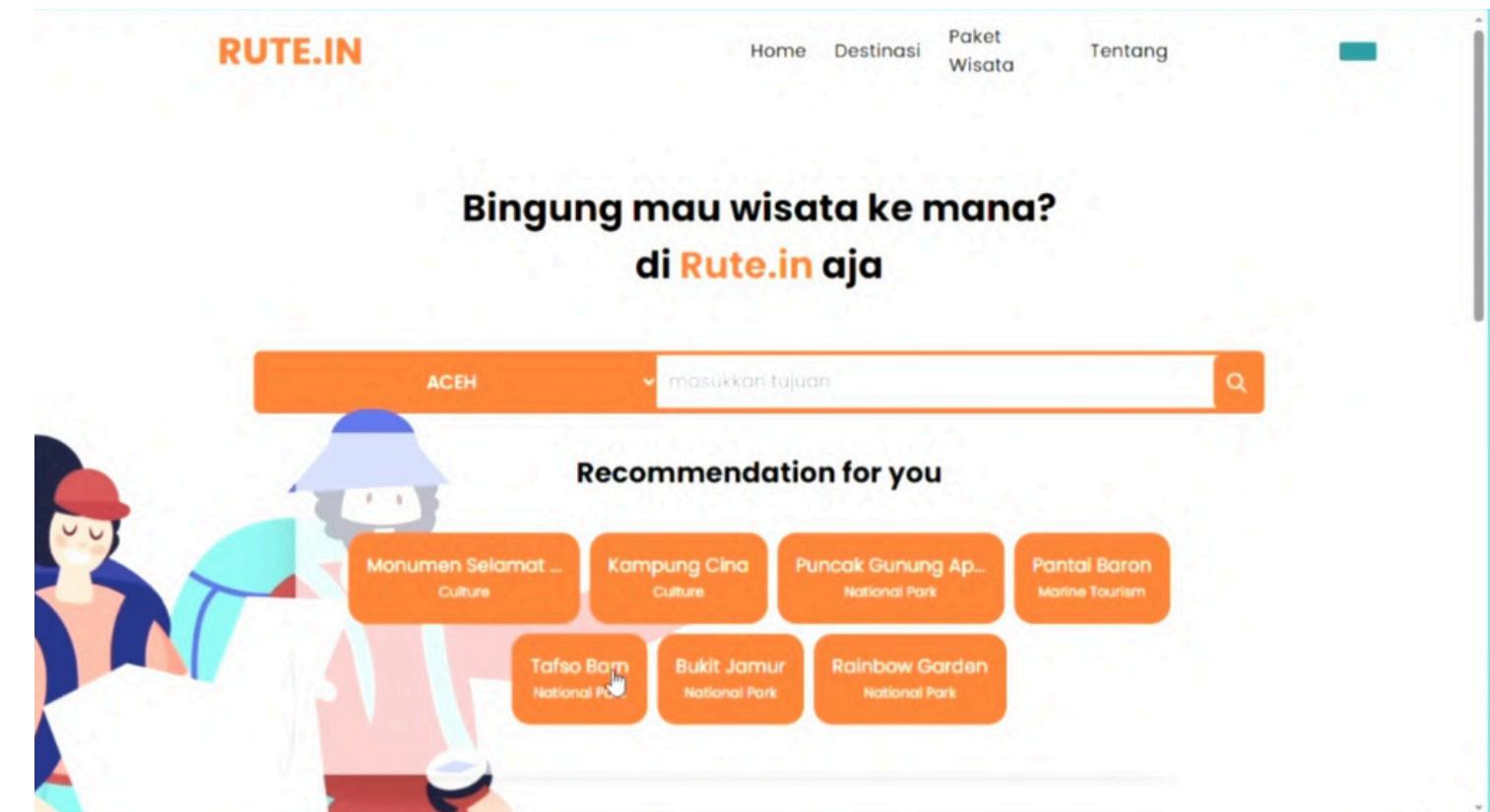
1. Authentication (log in & sign up)
2. Search route recommendations
3. Displays recommended tourist locations
4. Admin dashboard (create, read, update, and delete tourist location data)
5. Single page for tourist location information
6. Map of tourist locations

Tech stacks:

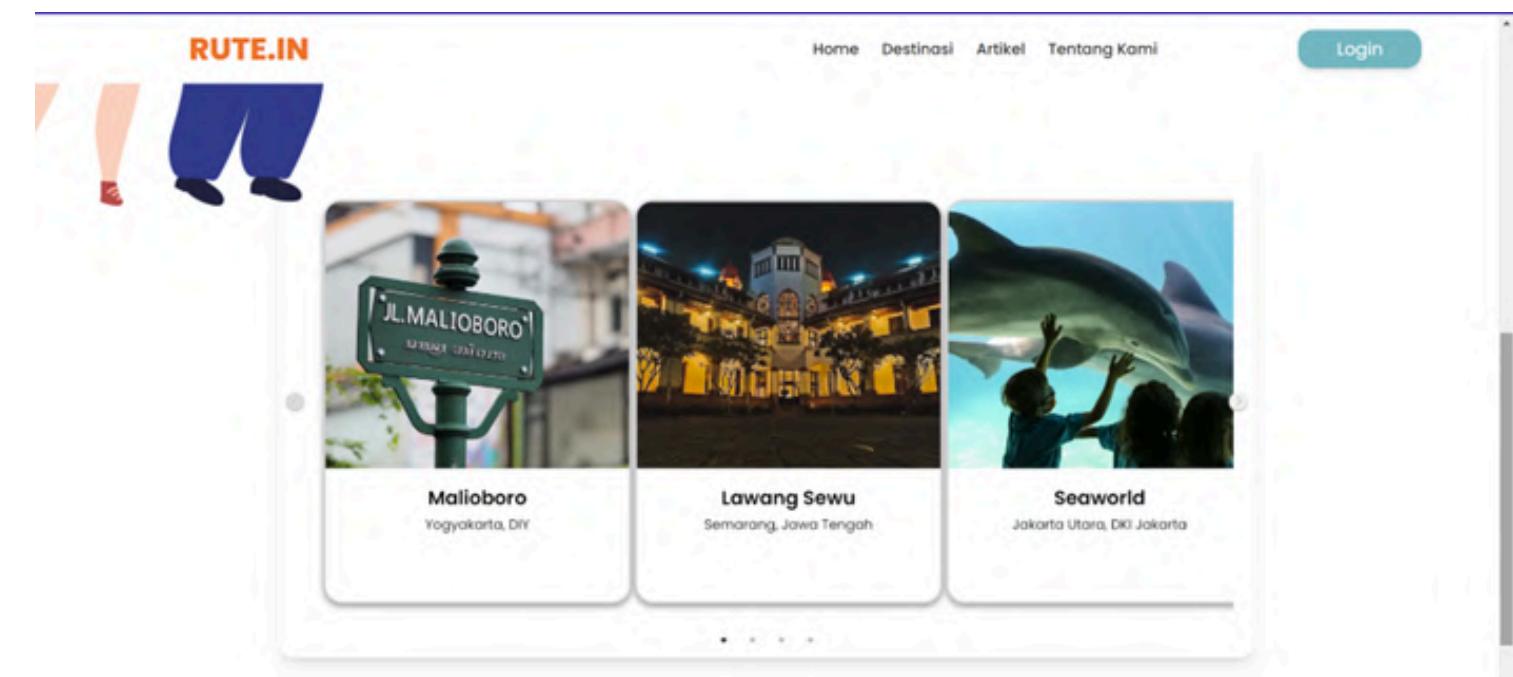
React.js, Express.js, Node.js, TailwindCSS, PostgreSQL, Flask, Azure Cloud

GitHub

<https://github.com/ASMR-Senpro/Rute.in>



Landing Page (top) with Recommendations



Landing Page (bottom) with Carousel Menu

Route Recommendation

Admin Dashboard

About Page

Admin Dashboard

BiSA - Campus Bike Rent Web Application

BiSA is a web app as a practical UGM bicycle lending platform with features that make it easier for users. BiSA allows users to borrow bicycles more easily, quickly and efficiently.

Role: Front-End Web Developer

Features

1. Authentication (Log In & Sign Up)
2. Rent bike
3. Profile and user information
4. Admin Dashboard

Tech stacks:

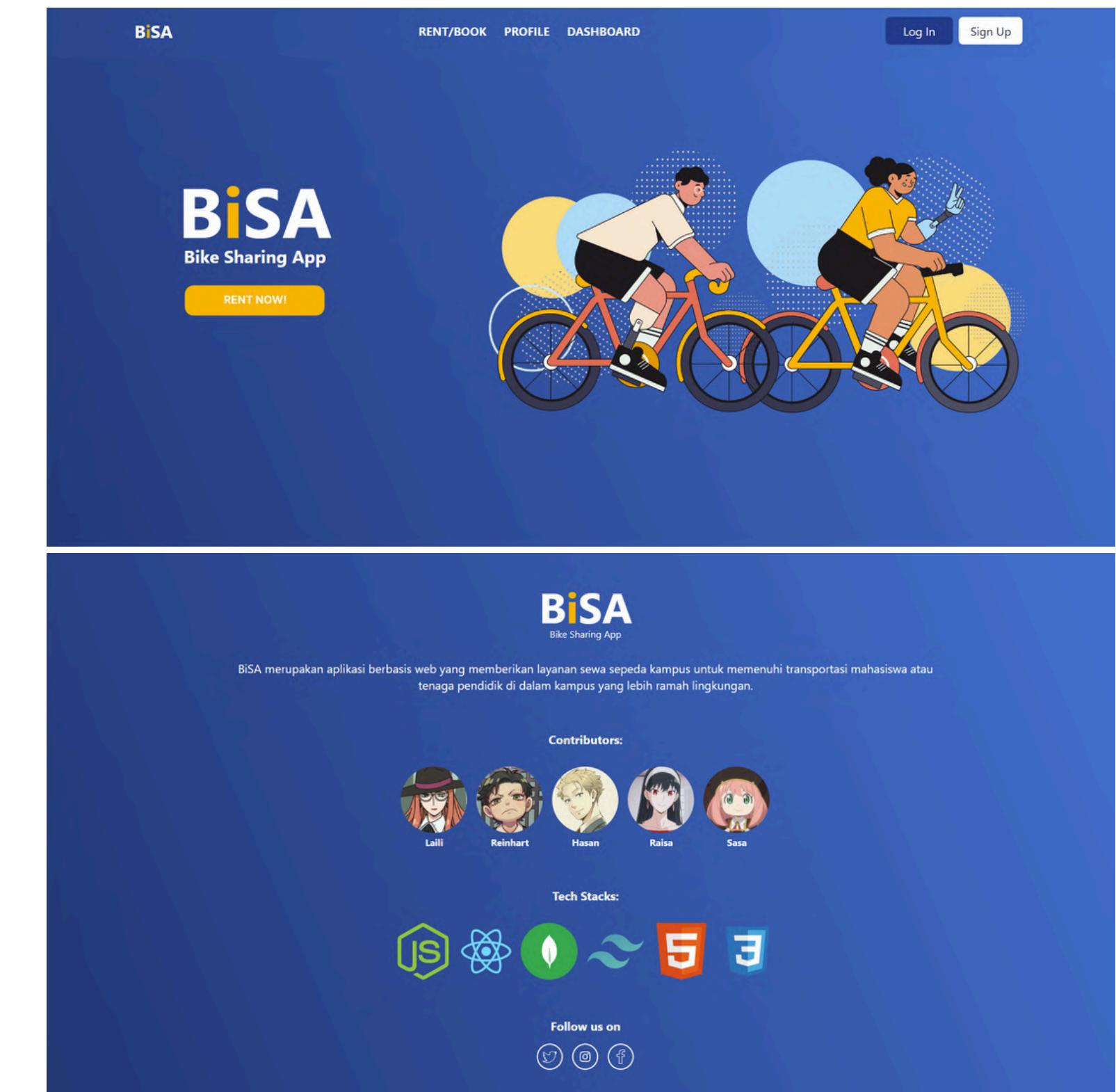
React.js, Express.js, Node.js, TailwindCSS, MongoDB

GitHub

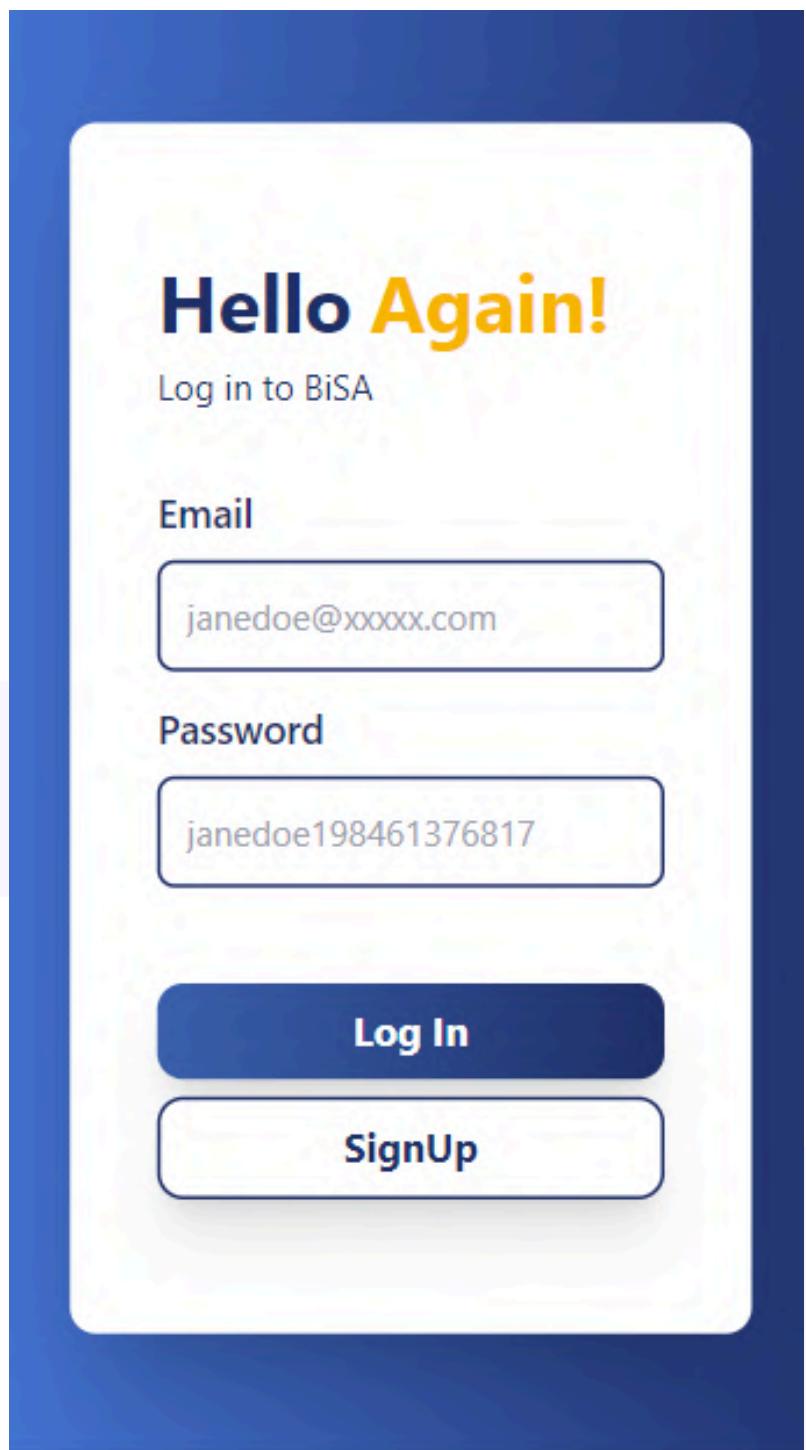
<https://github.com/hasanchamdany/campus-bike-rent>

Link to web

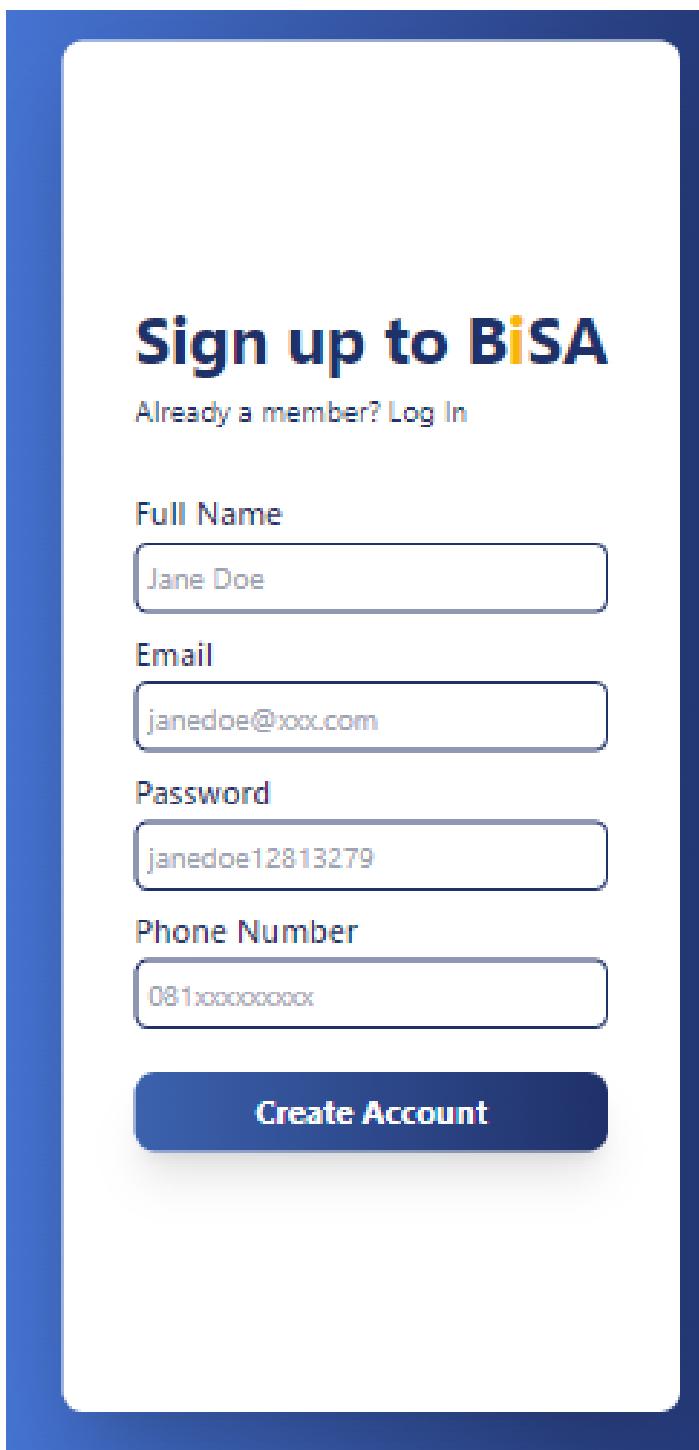
<https://bisa-frontend.vercel.app/>



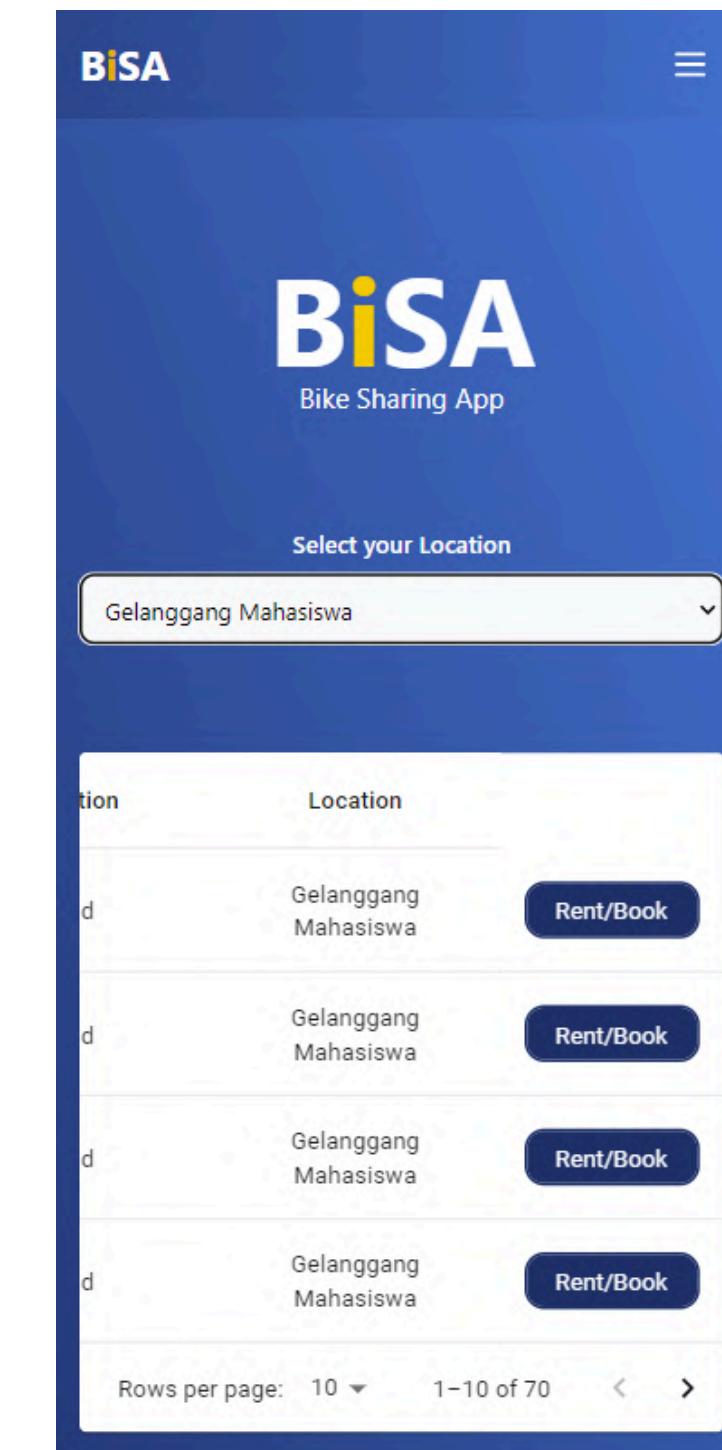
Landing Page



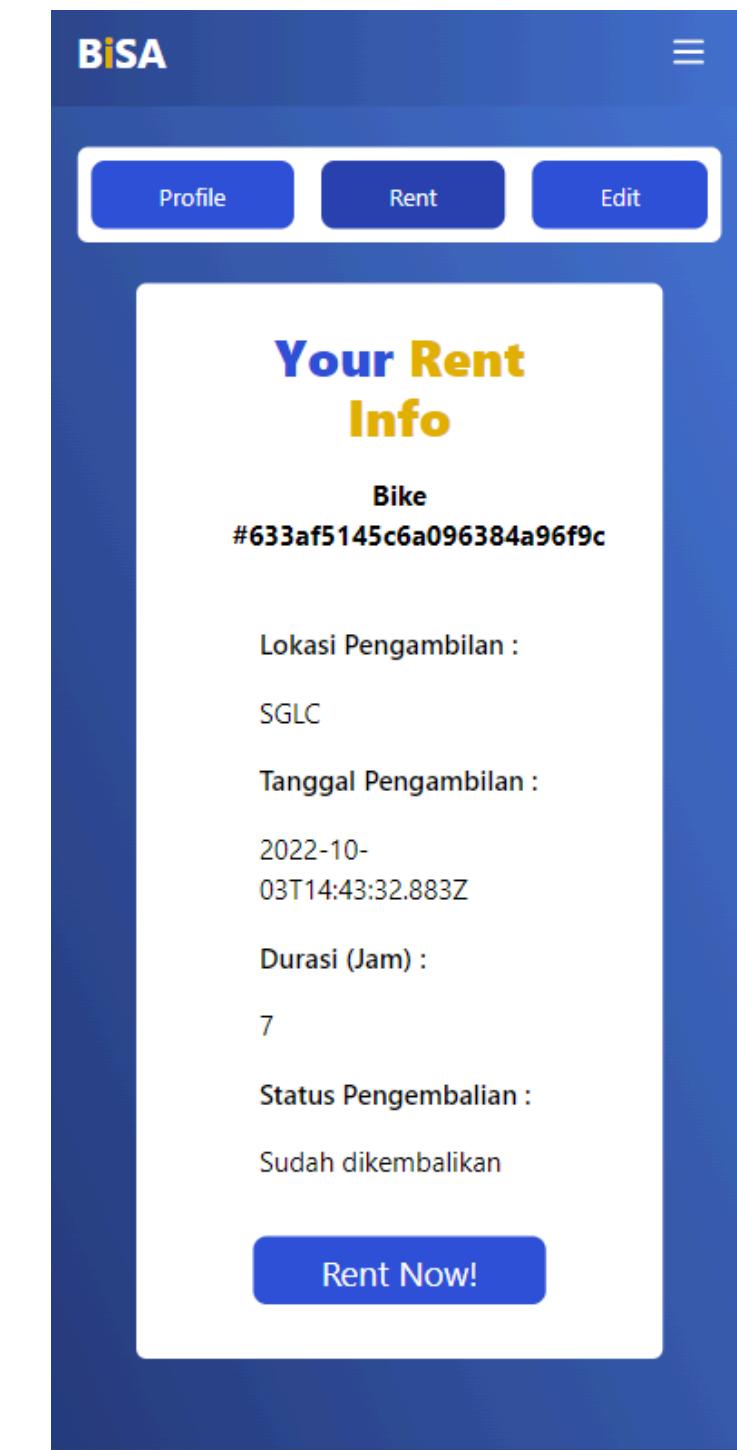
Log In



Sign Up



Rent Bike



User Information

BiSA

RENT/BOOK PROFILE DASHBOARD Log Out

Hello, Admins

BIKE MEMBER RENT

+ Add Data

Availability	Borrow Period	Condition	Location	Action
true	0	good	KPTU (Gedung Pusat)	 
true	0	good	KPTU (Gedung Pusat)	 
true	0	good	KPTU (Gedung Pusat)	 
true	0	good	KPTU (Gedung Pusat)	 
true	0	good	KPTU (Gedung Pusat)	 

a-frontend.vercel.app/admin/bike

Admin Dashboard (List of Bike, Members, and Rent)

RENT/BOOK PROFILE DASHBOARD Log Out

Hello, Admins

BIKE MEMBER RENT

ID Member	Returned Status	Location	Rent Duration	Date Taken	Action
63318236bed030a3f35da8e9	false	FTP	10	2022-09-30T00:00:00.000Z	 
63318236bed030a3f35da8e9	true	FTP	8	2022-09-30T00:00:00.000Z	 
63318236bed030a3f35da8e9	false	FISIPOL	10	2022-09-30T00:00:00.000Z	 
6336a288006cea151797d6f0	true	SGLC	7	2022-10-03T14:43:32.883Z	 
6336a288006cea151797d6f0	false	Gelanggang Mahasiswa	3	2022-12-04T10:25:12.259Z	 

“Desa Sehat” Website

Community Service (KKN) Interdisciplinary Program

This website is the output of digitizing the Village Garden which was carried out to educate the public about the benefits, chemical content and other interesting things about plants.

The digitalization method was carried out by installing a QR Code on plant name boards in Taman Hati (village ornamental garden). Apart from trying to educate about plants, we were also trying to increase citizens' interest in digitalization.

GitHub

<https://github.com/raisasalsabily/desa-sehat>



Plant name plate



Scanning QR code



Kunyit merupakan tanaman obat berupa semak dan bersifat tahunan (perennial) yang tersebar di seluruh daerah tropis. Tanaman kunyit tumbuh subur dan liar disekitar hutan/bekas kebun. Tanaman obat kunyit ini bisa memiliki fungsi yang banyak. Selain menjadi tanaman obat, sering digunakan sebagai rempah bumbu dapur. Dengan rasanya yang tajam, makanan ini memiliki

Manfaat

- Antiinflamasi: Kunyit mengandung kurkumin yang dapat mengurangi peradangan dalam tubuh
- Antioksidan: Senyawa dalam kunyit membantu melawan radikal bebas dan meredakan stres oksidatif
- Peningkatan pencernaan: Kunyit dapat merangsang produksi enzim pencernaan, mempromosikan kesehatan pencernaan
- Penyokong sistem kekebalan: Kunyit dapat meningkatkan respons kekebalan tubuh terhadap infeksi
- Penyokong sistem kekebalan: Kunyit dapat meningkatkan respons kekebalan tubuh terhadap infeksi.

Kandungan Kimia

Kandungan kimia yang paling utama dalam kunyit adalah senyawa kurkuminoid dan minyak atsiri. Senyawa kurkuminoid yang terkandung dalam kunyit sebesar 3 sampai 4%. Kandungan kimia lainnya yang terdapat dalam kunyit adalah garam-garam mineral.

Mau cari tau lebih?

Cari tau tentang Kunyit

Cari di Google



“DietKuy” Desktop Application

DietKuy is an application for processing and ordering diet menus with menu recommendations based on the user's BMI (Body Mass Index). This application provides a BMI calculator which can then be continued with menu orders. Apart from that, from the administrator side there is access to add, edit and delete available diet menus.

Role: Full-Stack Developer

Features

1. Log In
2. BMI Calculator
3. Order menu
4. Admin dashboard (manage menu)

Tech stacks:

C#, Visual Studio

GitHub

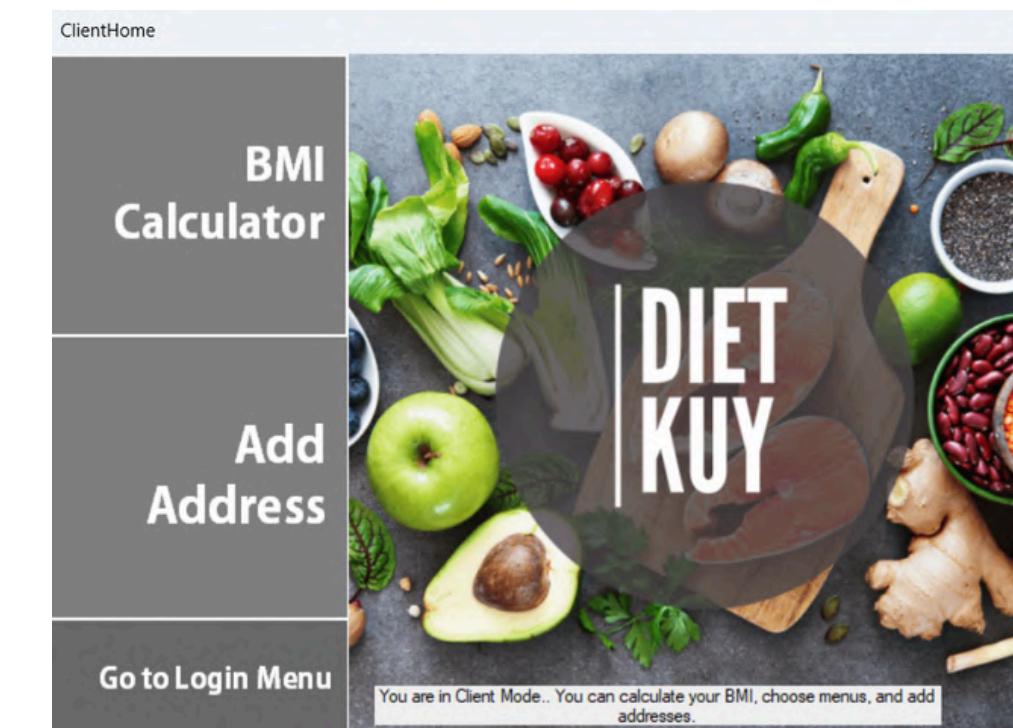
<https://github.com/raisasalsably/DietKuyDesktopFin>



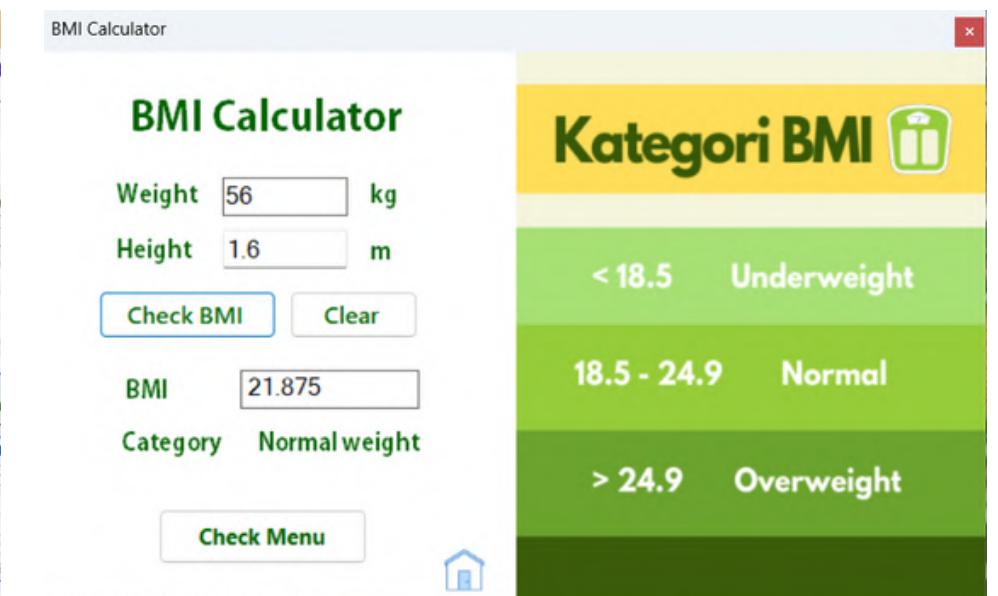
Splash screen



Login Page



Main Menu (user side)



BMI calculator

Choose Your Menus

Reccomendation: Select Menus Match Your BMI Category Only!

Day Menu : Mie shirataki hangat

Night Menu : Ayam Bakar Madu

Choose your identity and address:

	DeliName	DeliPhone	DeliAddress
▶	Raisa Salsabil...	0813265919...	Jalan Pattim...
	Raisa Andriana	0865437765...	Jalan Kita Be...
	Rudi Tabuti	0821266272...	Jalan Kapur...
	Rahayu Setia...	0812638837...	Jalan Apand...
	Tono Martinus	0812272273...	Jalan Krama...
	Sarinah	0857393892...	Jalan Tanjaka...

Choosen:
081326591994
Jalan Pattimura IV No.98, Manahan, Banjarsari, Surakarta, Jawa Tengah, 57465
Pagar warna abu-abu tua*Mie shirataki hangat*Ayam Bakar Madu

Generate QR Code  **Order Now!**

Order menu

ProdName	ProdPrice	ProdCat	ProdSize	ProdExtra
Granola Kur...	15000	Overweight -...	Normal	None
▶ Ayam Bakar ...	25000	Underweight...	Ekstra 1	Sauce
Creamy Pasta	24000	Normalweigh...	Normal	Sauce
Pudding Stro...	10000	Underweight...	Ekstra 2	None
Matcha Latte...	14000	Underweight...	Normal	None
Jus Oatmeal ...	14000	Overweight -...	13	None

AdminHome

Manage Day Menu

Manage Night Menu

Go to Login Menu



You are in Admin Mode.. You can manage day and night menu list. Freely add new menus and their descriptions.

Main menu (admin side)

ProductForm

Manage Day Menu

Welcome to Day Menu Manager. This page is only accessible for administrator. All field must be filled.

ID	ProdName	ProdQty	ProdPrice	ProdC
▶ 1234	Telur Balado	10	15000	Norma
1235	Nasi shirataki diet	5	24000	Overw
1236	Ayam Madu low-cal	6	18000	Norma
1237	Mie shirataki han...	6	20000	Overw
1238	Ubi Madu	5	5000	Under
1239	Nasi uduk	11	15000	Under
1240	Jus Sarikaya Pep...	15	9000	Norma
1241	Sawi Gulung Ayam	10	15000	Norma
1242	Bread Toast With...	20	10000	Overw
1243	Bihun Ayam Brocoli	10	20000	Under
1244	Coldpress Mango...	15	18000	Under
1245	Fruit Punch Smo...	15	15000	Overw

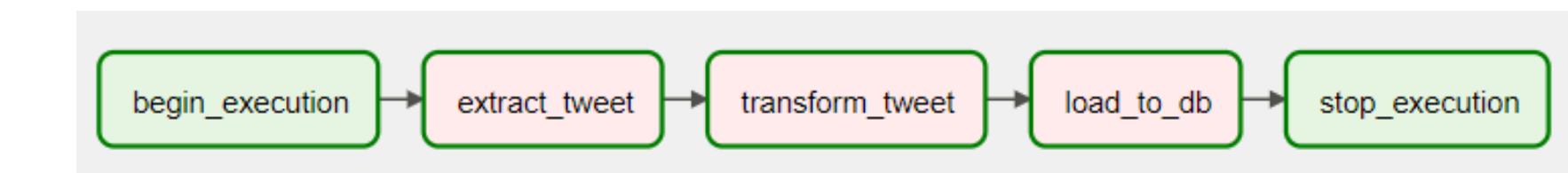
Home **CLEAR**

Manage menu

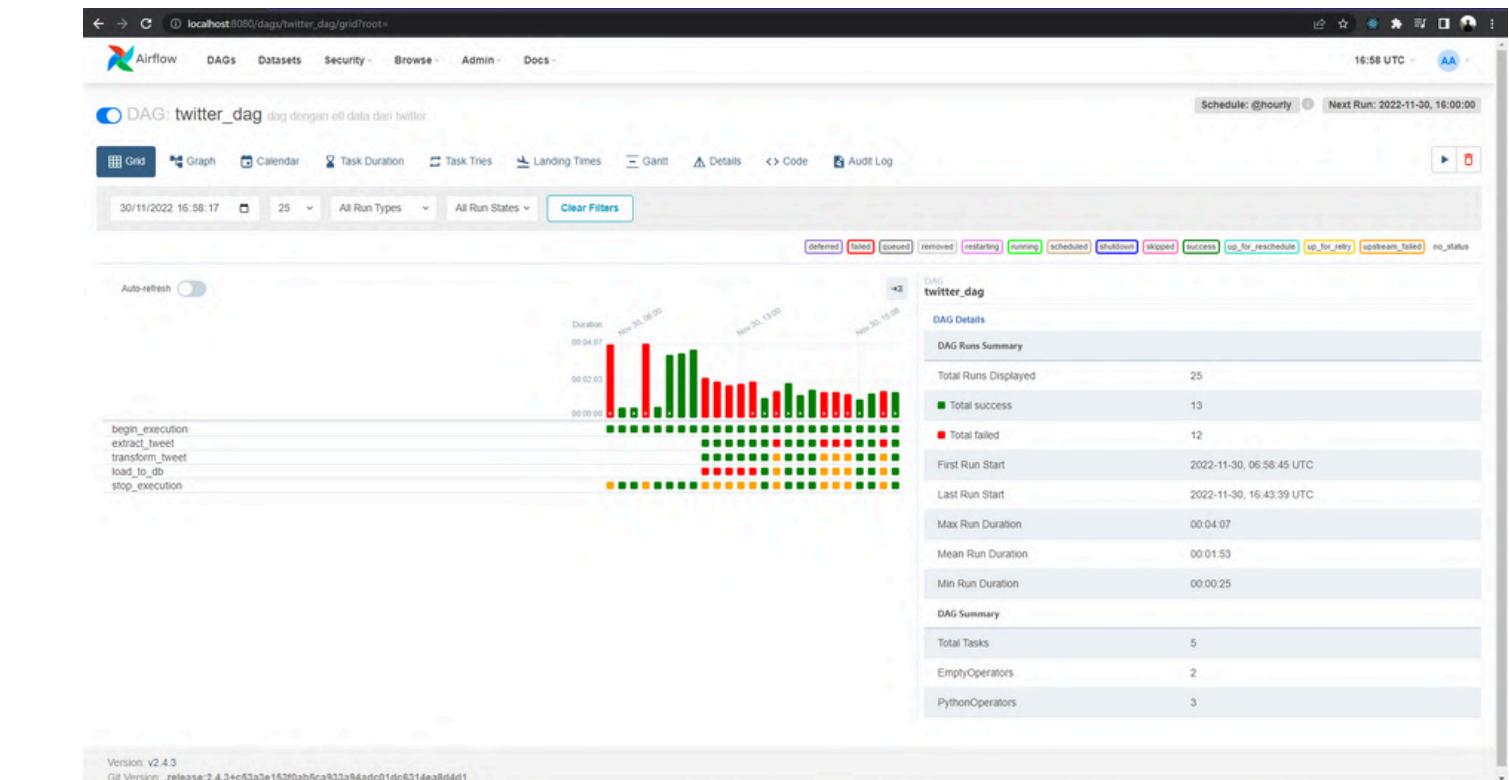
Twitter and Instagram API Data Classification and Clustering using Automated Workflow

End to End Data Engineering Workflow

1. Fetching data from twitter and Instagram API.
 - Scraping general people's tweets about Ganjar Pranowo and Instagram post comments on Ganjar Pranowo's account
2. Classification and Clustering of tweets and Instagram comments to see public sentiment towards Ganjar Pranowo
 - Classifying tweets and comments about Ganjar Pranowo into "positive" and "negative" classes. Apart from that, we also carried out clustering to see the clusters that are formed.
3. Using Predictive Modeling algorithms on result data.



Arsitektur Workflow



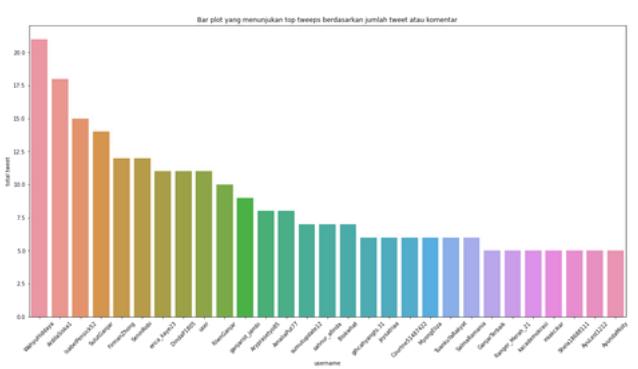
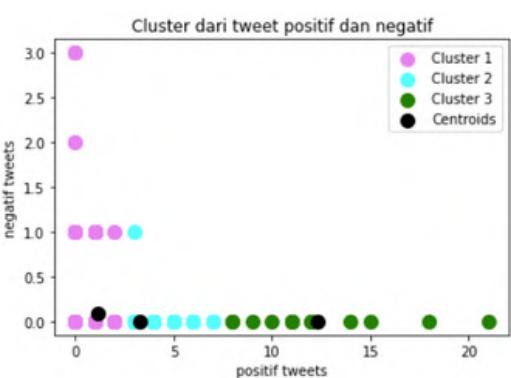
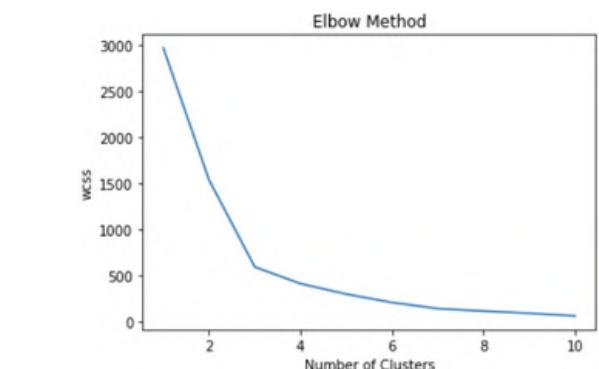
Role: Team Leader, Data Engineer

Tech stacks:

Python, PostgreSQL, Airflow, Docker

GitHub: <https://github.com/raisasalsably/airflow-docker>

Presentation slide: [click here](#)



Visualisasi Hasil Pengolahan dengan Algoritme Predictive Modeling

Data Cube for OULAD Dataset (Open University Learning Analytics)

Created a data cube that can be sliced, diced, drilled down, and rolled up flexibly. Before creating a cube, pre-processing is done on the data.

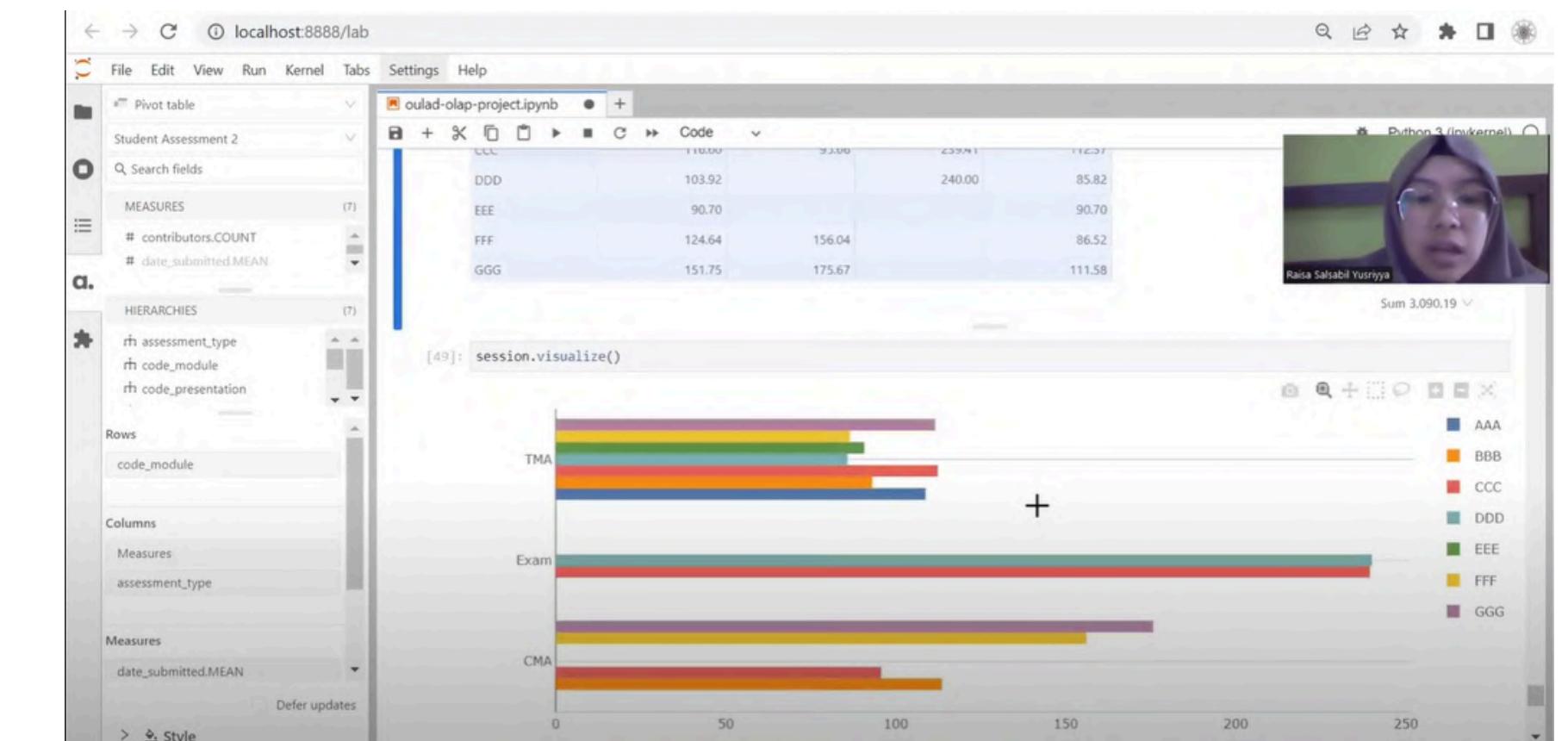
Role: Team Leader, Data Engineer

Tech stacks:

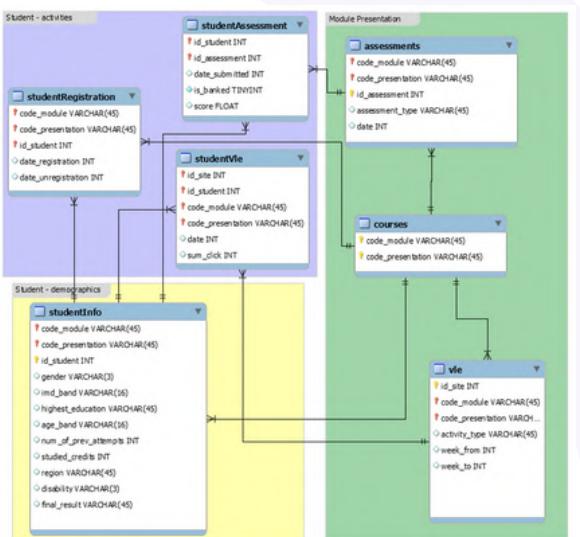
- Python (atoti, pandas, math, dan numpy), JupyterLab

GitHub

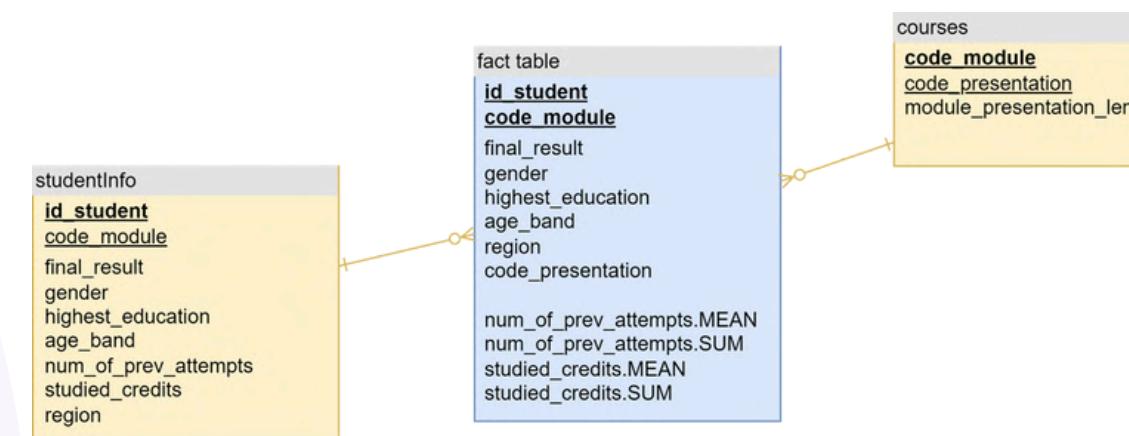
<https://github.com/raisasalsabily/oulad-olap>



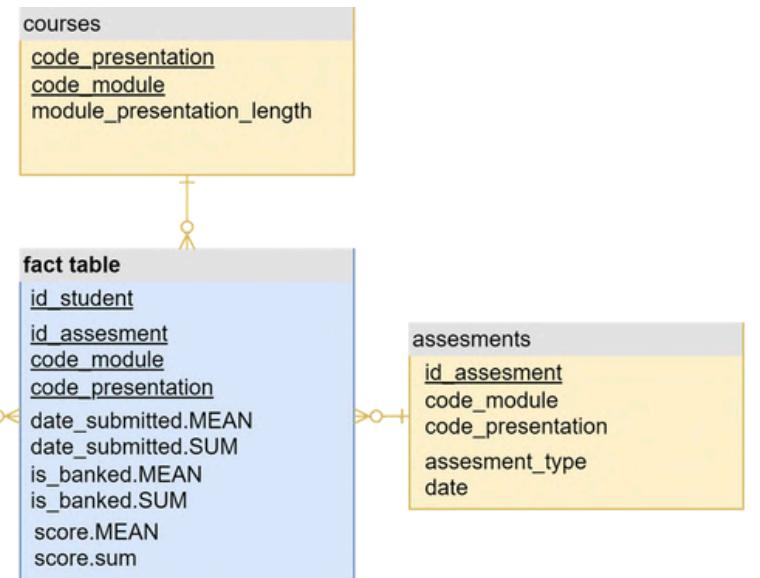
Data Cube Processing and Visualization using JupyterLab



Dataset Schema



Schema of Cube 1



Schema of Cube 2