PORTFOLIO

Eric Wijaya Lay

2024

Hello,

I'm Eric Wijaya Lay

Informatics Student

As an Informatics Student that going to semester 6, iI am highly motivated to develop my skills, gain experience, and achieve my goals. I am committed to putting in my best effort to succeed in every opportunity. One of my main objectives is to gain experience at a reputable company, where I can apply my skills and contribute to meaningful projects while continuing to grow professionally.

Education

Tanjungpura University - Informatics Technology (2022 - Now)

Top University at Kalimantan Barat
3.48 Gpa

Synergy Academy - Backend Java Batch 7

This bootcamp is a collaboration beetween BINAR and BCA. Learn about Api, Springboot, Security, Documentation, etc.

Bangkit Academy - Cloud Computing 2024 Batch 2

This bootcamp is a collaboration beetween many big companies. Learn about Cloud Technologies on Google Cloud Platform including learn about Backend Engineer and AI,
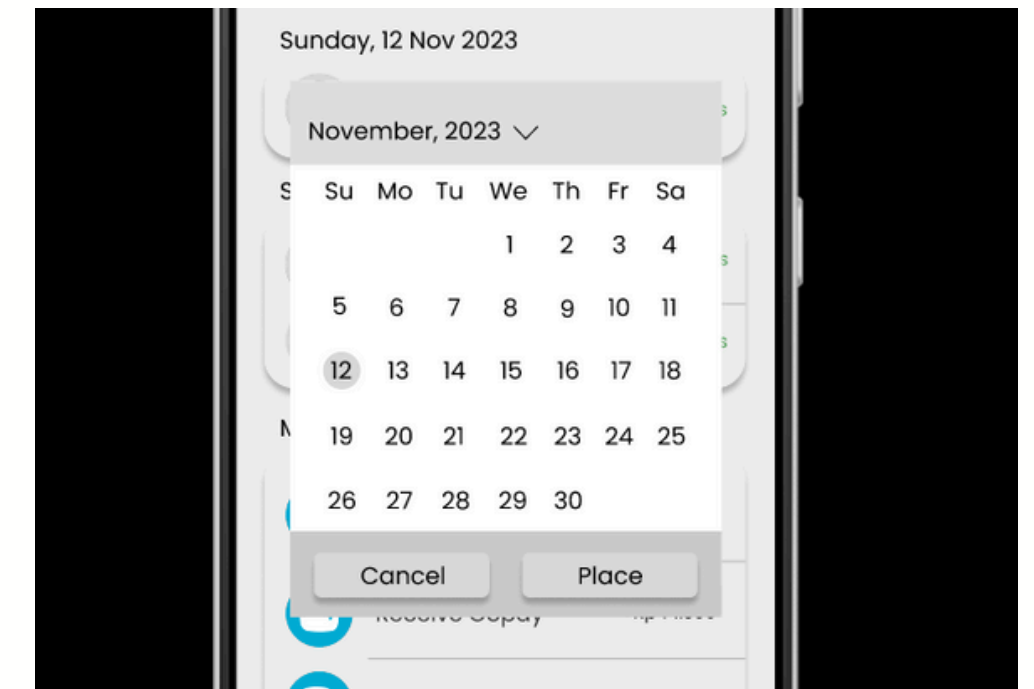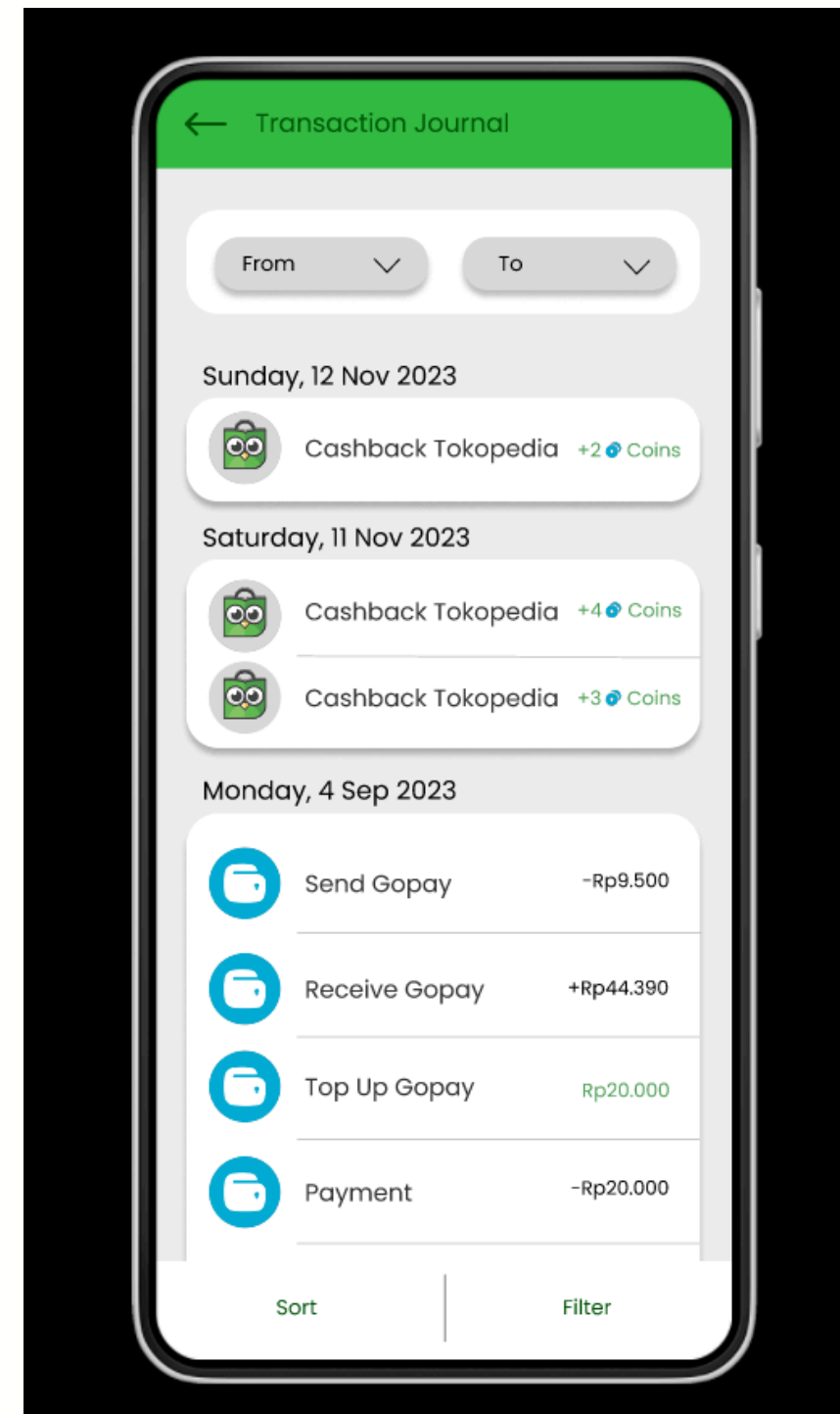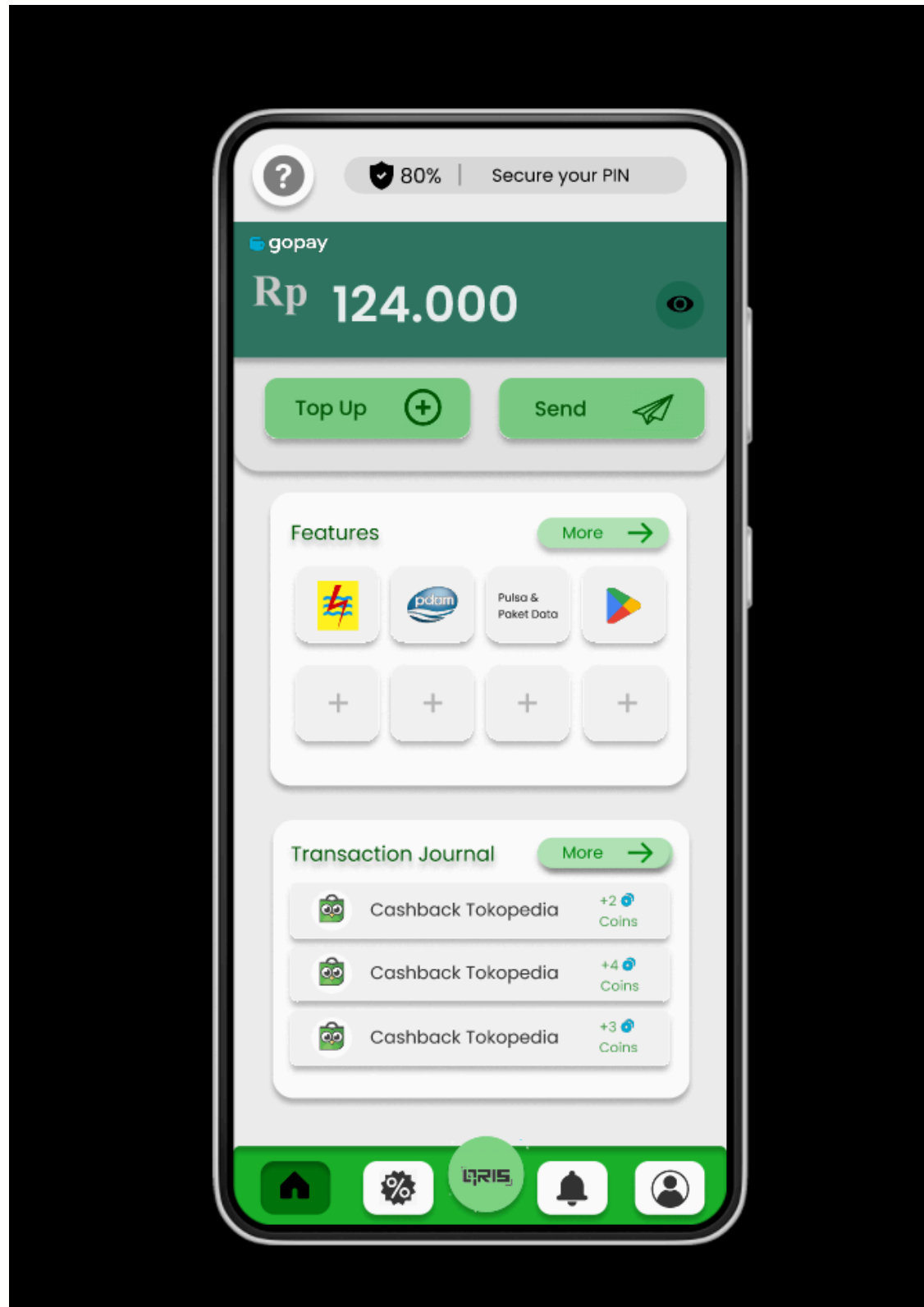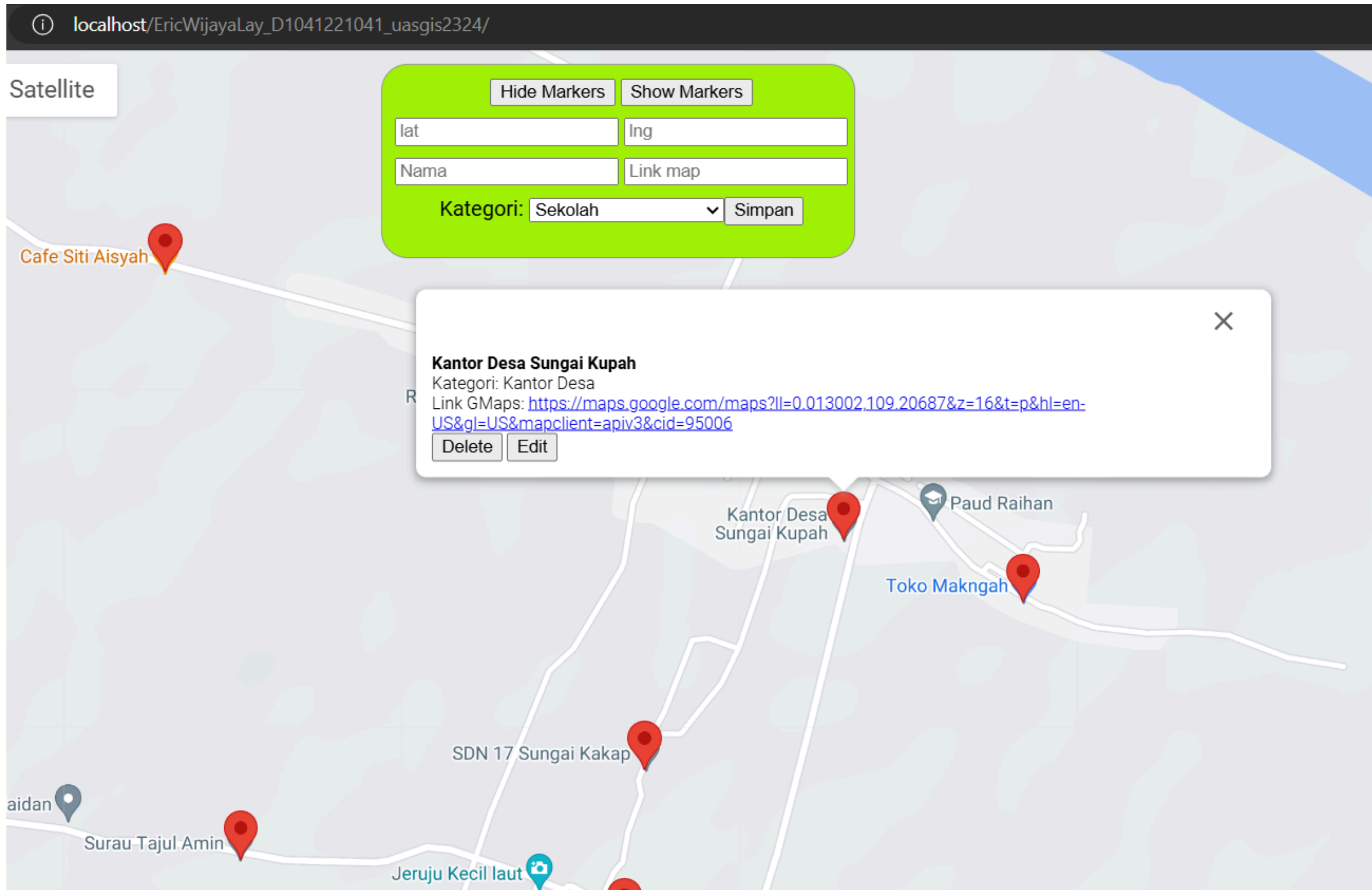
Project 1 - Re-Design UI/UX GoPay

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Re-desgin ui/ux of Go-pay app, responsible to create the homepage and transaction journal feature on Prototype re-design project.

https://www.figma.com/proto/MN7GRKAwD7EZIkOwO3Bcao/GoPay-Interface-Redesign?page-id=0%3A1&node-id=88-156&starting-point-node-id=44%3A2&scaling=scale-down&t=ZbE4moCmotzPpXDa-1

Project 2 - GMAPS API WEB APP

Creating a localhost with Google Maps API. This web app use javascrpit, css, html as the frontend and use php as the backend.

This web app self-project implements all the CRUD and the requirement that is needed, like create a marker, show marker that have been saved at the map, update(edit) and delete marker.

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Project 3 - DATABASE PROJECT

This web app is a databse project that implements CRUD, and databse feature like JOIN, PROCEDURE, TRANSACTIONAL.

Responsible to create the Database on MySQL and create its tables. input the dummy data, and implements all database feature that is needed on this system. also create the Interface for user (as Localhost).

The backend provides various services such as data manipulation, input validation, and CRUD (Create, Read, Update, Delete) operations on the database. The frontend functions as a user interface that displays information and accepts input from the user.
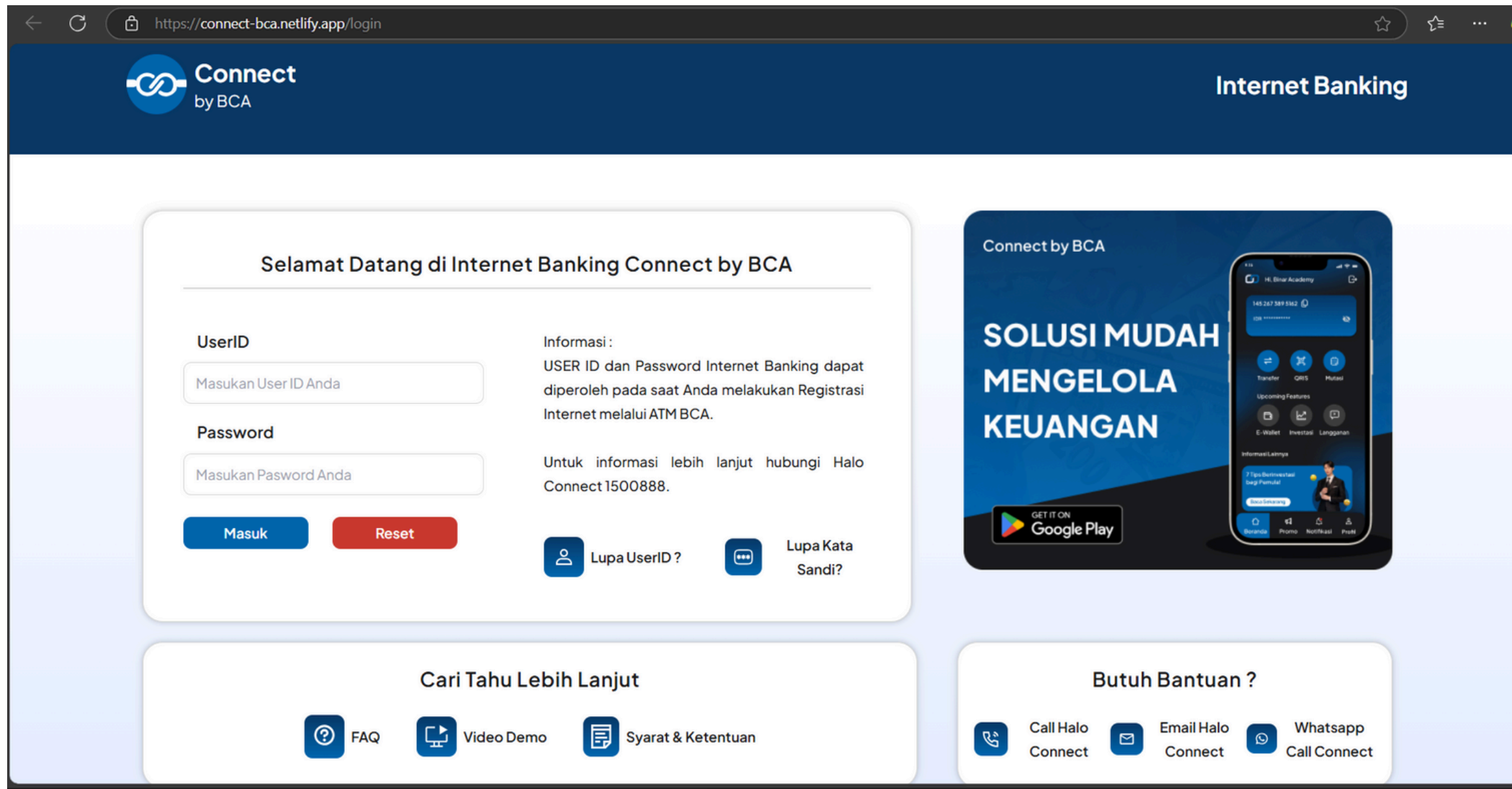
Project 4 - CONNECT By BCA

This project was implemented using Agile Development, enabling iterative progress with regular feedback and quick adjustments to enhance the application's quality and functionality. This approach supports the creation of a flexible application that is responsive to user needs while ensuring timely delivery.

Connect By BCA is a banking application designed to enhance accessibility for visually impaired users, available in both web (internet banking) and mobile (mobile banking) versions. The project involved five divisions: QA, Backend, Fullstack, UI/UX, and Mobile Development, employing an Agile approach for iterative and collaborative development.
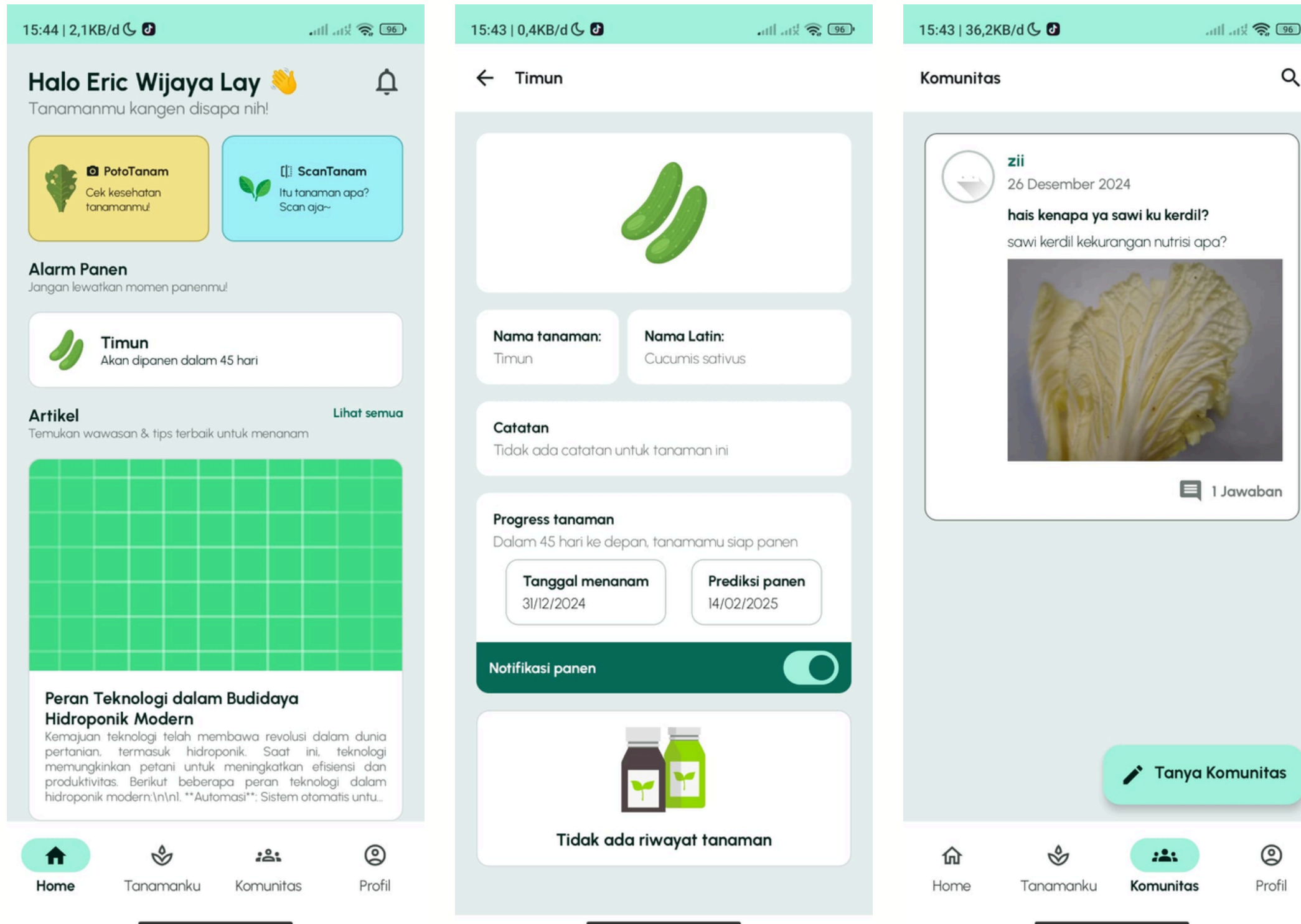
As part of the Backend division, API development was carried out using Java and the Spring Boot framework to support application functionalities such as account management, transactions, and payments, ensuring optimal security and performance. Spring Boot enabled the creation of scalable and maintainable RESTful APIs while ensuring seamless integration with other systems.

Project 5 - HidroQu

HidroQu: A Smart Solution for Hydroponic Farming

HidroQu is a mobile-based smart application designed to support hydroponic farmers and gardening enthusiasts in efficiently managing their crops. Utilizing machine learning technology, HidroQu accurately detects nutrient deficiencies through leaf imaging analysis. The application also leverages cloud technology to enhance system efficiency and scalability. Equipped with various advanced features, HidroQu provides users with convenience in monitoring and optimizing plant growth. This project was developed using the Agile methodology, ensuring iterative, adaptive development focused on user needs.

Thank you

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