MUHAMMAD FAUZAN NOOR AZHAR

SOFTWARE ENGINEER

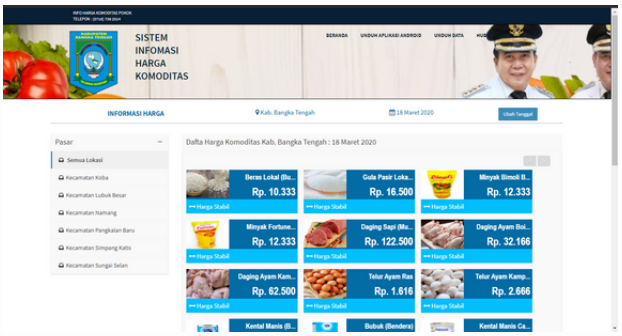
PORTFOLIO

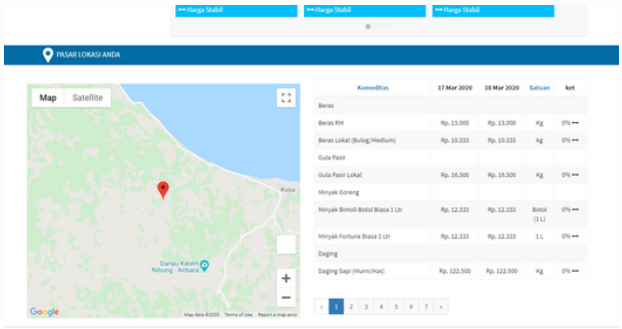
2017-2024

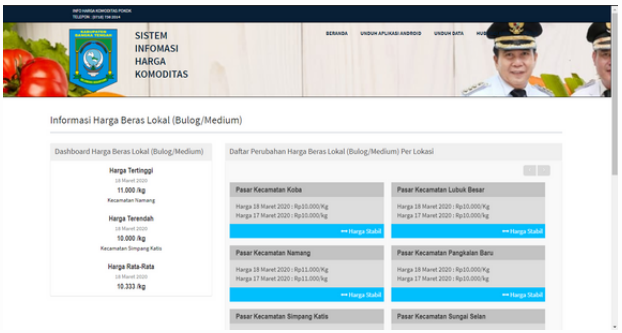
SIHARKO

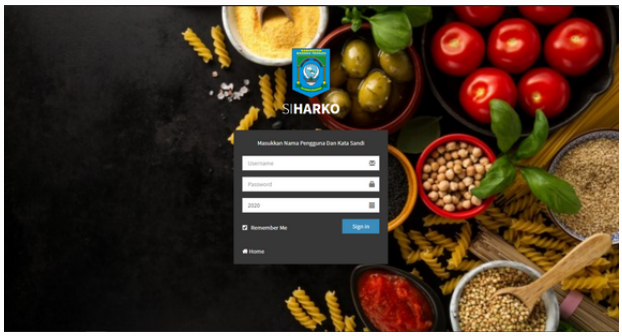
COMMODITY PRICE INFORMATION SYSTEM

DEPARTMENT OF INDUSTRY, TRADE, COOPERATIVES, SMALL AND MEDIUM ENTERPRISES (DISPERINDAG) - BANGKA BELITUNG, INDONESIA - 2017









DESCRIPTION

SIHARKO is the government commodity pricing app promotes transparency, efficiency and informed decisions. Reliable data empowers stakeholders such as producers, consumers and policy makers. Helping fair trade practices and building trust in markets, as well as encouraging better policies for economic growth.

TECH STACK

Programming Language :

- PHP (Yii2 Framework)
- Composer
- JavaScript (jQuery)
- Css
- HTML

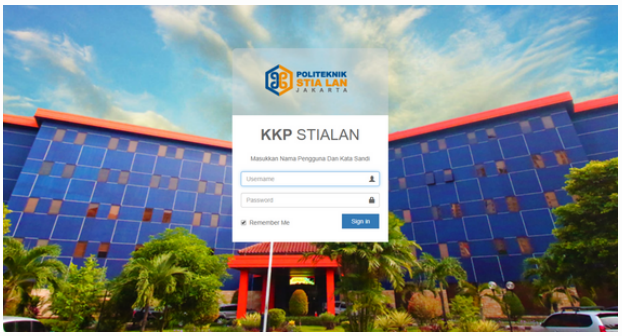
Other Stuff :

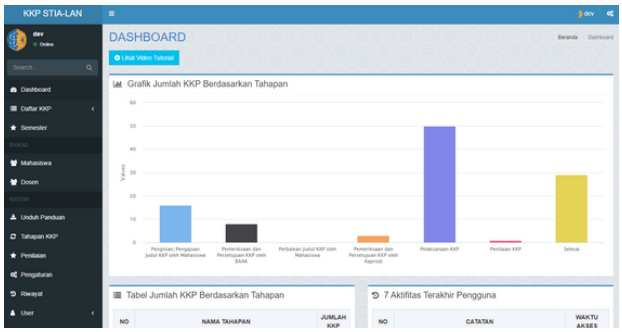
- Database (MySQL)
- Server Cloud (Digital Ocean), Ubuntu
- Git version control

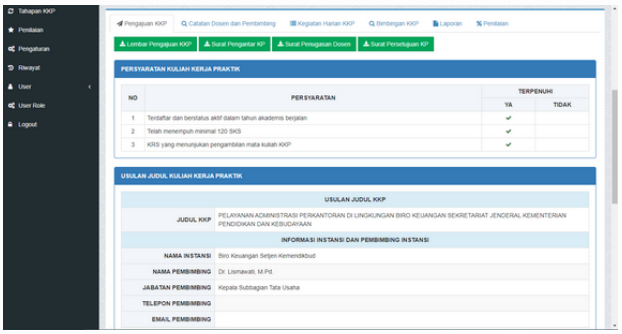
KKP STIALAN

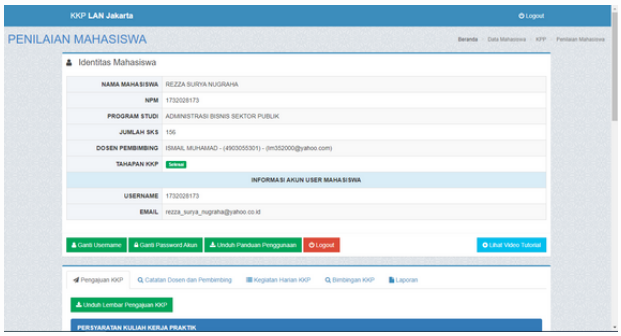
PRACTICAL WORK INTERNSHIP APPLICATION

STIA LAN JAKARTA POLYTECHNIC - JAKARTA, INDONESIA - 2017/2018









DESCRIPTION

KKP is The Practical Work Internship Application simplifies internship placements, offering a user-friendly interface for students and employers. Real-time data ensures efficient matching, benefiting both parties. The application streamlines the internship process, enhancing opportunities for skill development and career growth. A valuable tool for bridging the gap between students and industry.

TECH STACK

Programming Language :

- PHP (Yii2 Framework)
- Composer
- JavaScript (jQuery)
- Css
- HTML

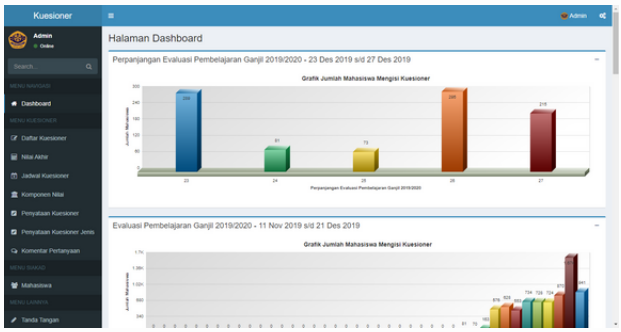
Other Stuff :

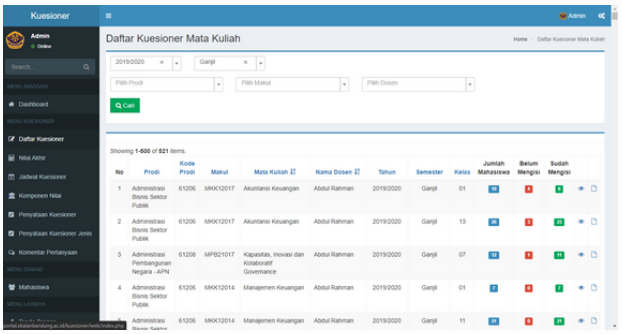
- Database (MySQL)
- Server Cloud (Digital Ocean), Ubuntu
- Git version control

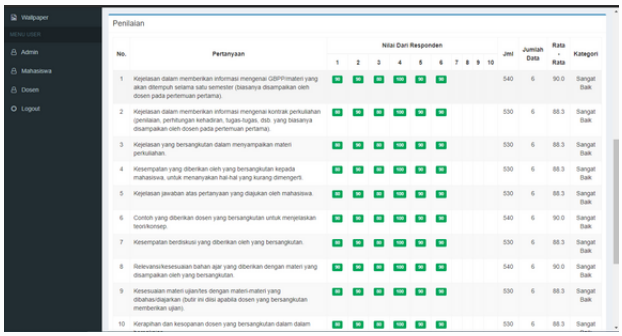
SIEVO

ONLINE EVALUATION SYSTEM

STIA LAN BANDUNG POLYTECHNIC - BANDUNG, INDONESIA - 2018/2019







DESCRIPTION

SIEvO is The Online Evaluation System revolutionizes assessment processes, providing convenient and timely evaluations. Real-time feedback promotes continuous improvement for individuals and organizations. With streamlined data management, it enhances efficiency and reduces administrative burdens. A powerful tool for driving progress and excellence in various fields.

TECH STACK

Programming Language :

- PHP (Yii2 Framework)
- Composer
- JavaScript (jQuery)
- Css
- HTML

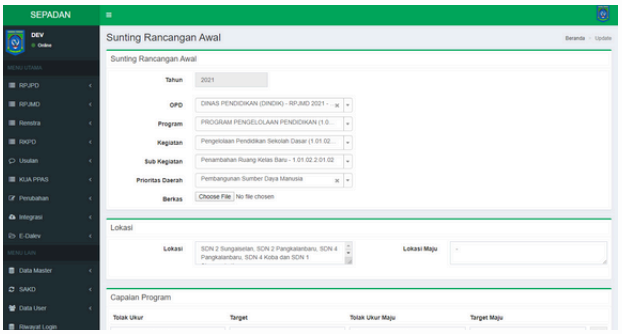
Other Stuff :

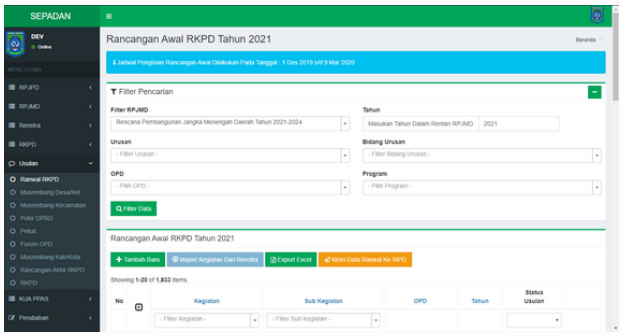
- Database (MySQL)
- Server Cloud (Digital Ocean), Ubuntu
- Git version control

SEPADAN

GOVERNMENT BUDGET PLANNING APPLICATION

REGIONAL DEVELOPMENT PLANNING AGENCY (BAPPEDA) - BANGKA BELITUNG, INDONESIA - 2018/2019





DESCRIPTION

SEPADAN is Government's planning and budgeting application streamlines fiscal management, promoting accountability and efficiency. It empowers policymakers to allocate resources effectively, prioritize projects, and monitor expenditures. Real-time data enables informed decision-making, fostering economic growth and social development. A valuable tool for transparency and responsible governance.

TECH STACK

Programming Language :

- PHP (Yii2 Framework)
- Composer
- JavaScript (jQuery)
- Css
- HTML

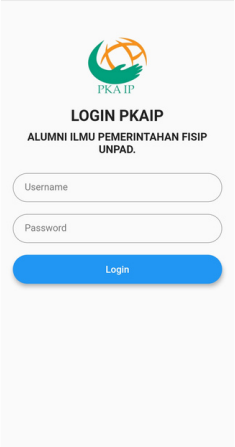
Other Stuff :

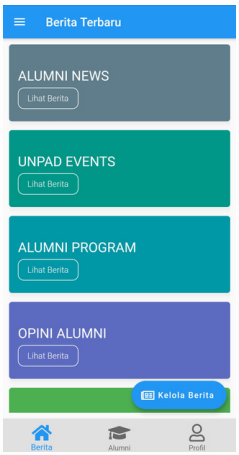
- Database (MySQL)
- Server Cloud (Digital Ocean), Ubuntu
- Git version control

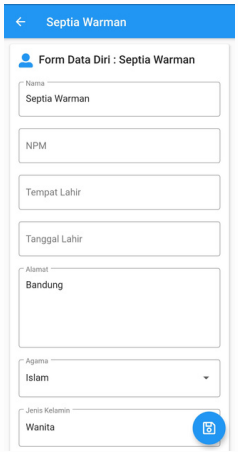
ALUMNI UNPAD PKAIP

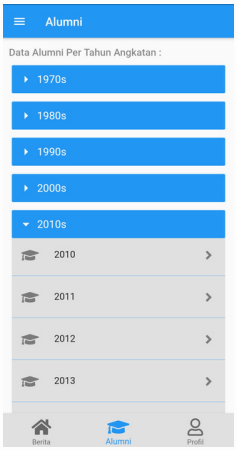
PORTAL NEWS APP

PADJADJARAN UNIVERSITY - BANDUNG, INDONESIA - 2019









TECH STACK

Programming Language :

- Backend : Laravel (Lumen)
- Frontend Mobile : Dart (Flutter) - using BLoC, Cubit, Provider (State Management)

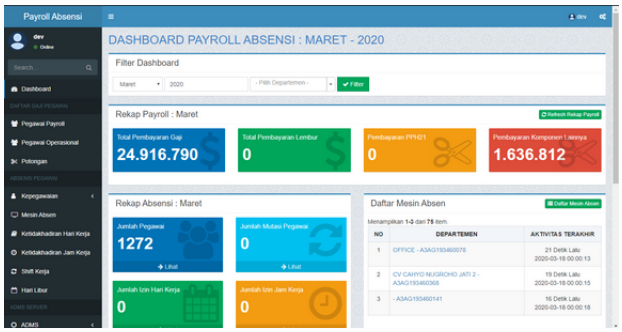
Other Stuff :

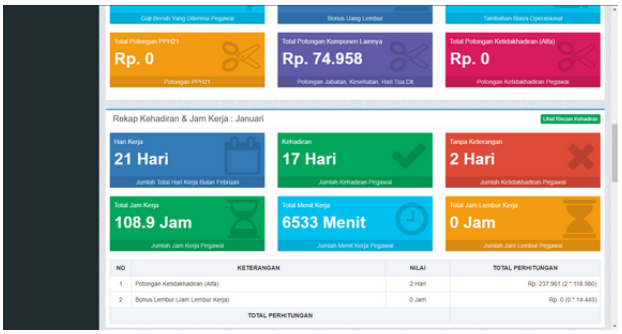
- Database (MySQL)
- Server Cloud (Digital Ocean), Ubuntu
- Git version control
- Firebase Cloud Messaging (FCM)

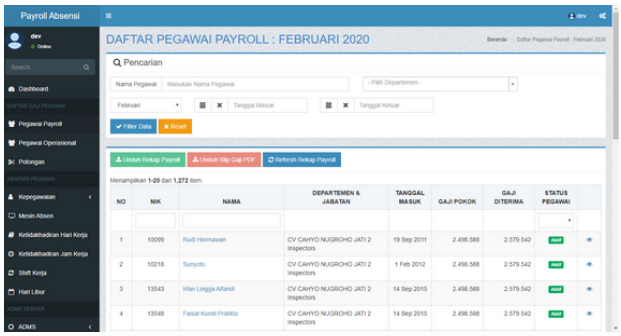
PAYROLL ABSENSI

EMPLOYEE ATTENDANCE, PAYROLL & PERSONNEL APP

PACIFIC QUALITY CONTROL (PQC) - BANDUNG, INDONESIA - 2019







DESCRIPTION

PAYROLL ABSENSI is The Employee Attendance, Payroll & Personnel App simplifies workforce management. Real-time attendance tracking optimizes productivity, while accurate payroll processing ensures fair compensation. Personnel data management streamlines HR tasks, promoting efficiency. A comprehensive and user-friendly tool for effective employee administration and organizational success.

TECH STACK

Programming Language :

- PHP (Yii2 Framework)
- Composer
- JavaScript (jQuery)
- Css
- HTML

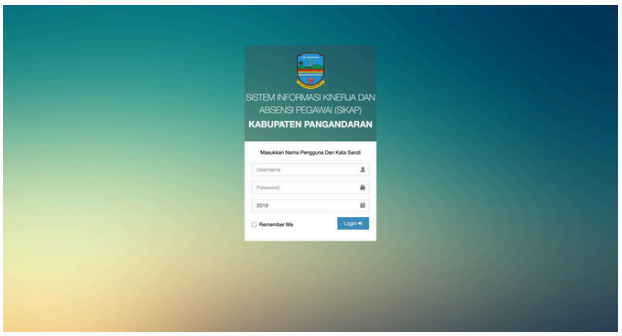
Other Stuff :

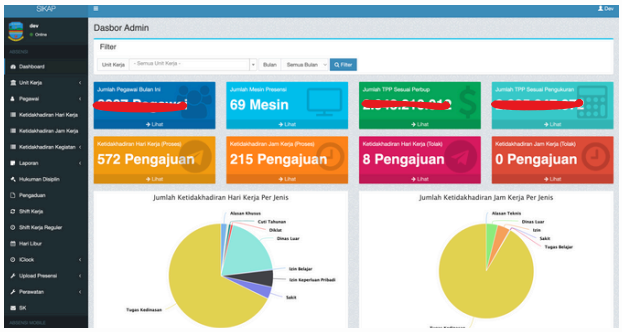
- Database (MySQL)
- Server Cloud (Digital Ocean), Ubuntu
- Git version control
- Integration w/ fingerprint machine
- Automatic Data Master Server (ADMS)

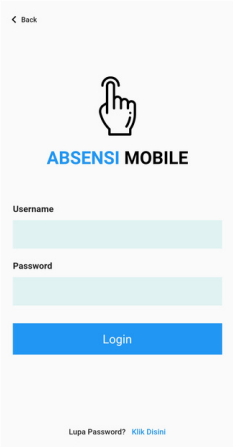
SIKAP

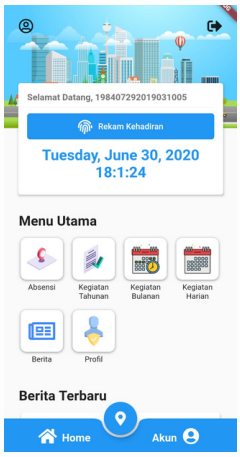
EMPLOYEE PERFORMANCE & ATTENDANCE

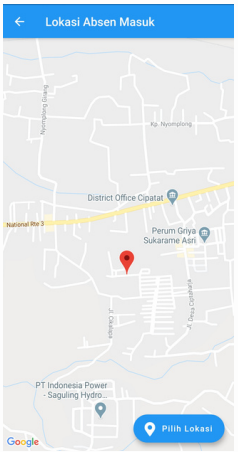
AGENCY OF PERSONNEL AND HUMAN RESOURCES DEVELOPMENT (BKPSDM) - PANGANDARAN, INDONESIA - 2019/2021

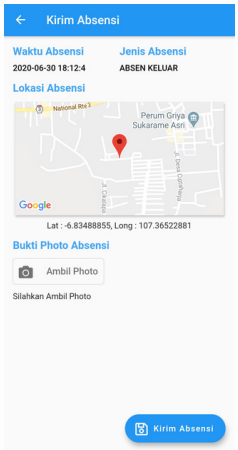


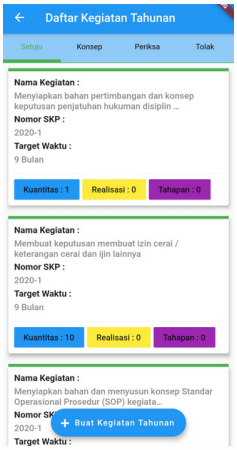












DESCRIPTION

SIKAP is app for enhances workforce productivity, streamlining employee management. Real-time data facilitates efficient attendance tracking, optimizing resource allocation. Informed decision-making empowers organizations to identify strengths and areas of improvement, promoting overall performance and accountability. A valuable tool for effective human resource management.

TECH STACK

Programming Language :

- PHP (Yii2 Framework)
- Composer
- JavaScript (jQuery)
- Css
- HTML
- Dart (Flutter) - using BLoC, Cubit, Provider (State Management)

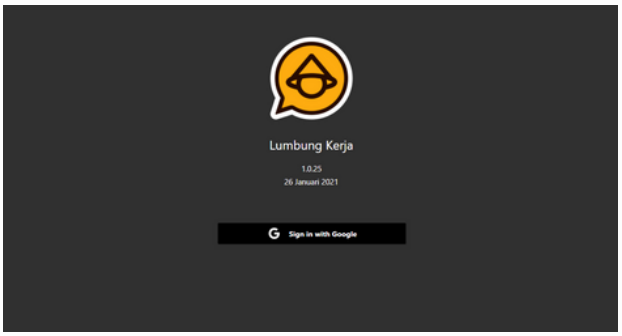
Other Stuff :

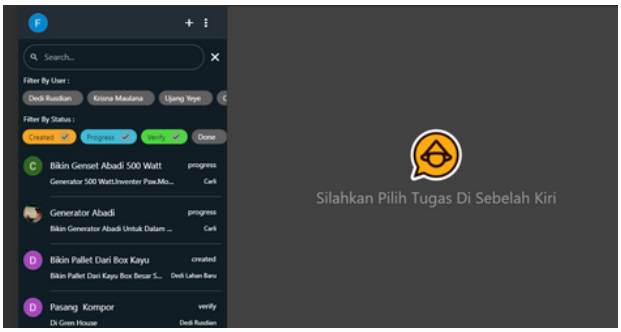
- Database (MySQL)
- Server Cloud (Digital Ocean), Ubuntu
- Git version control
- Integration w/ fingerprint machine
- Automatic Data Master Server (ADMS)
- Firebase Cloud Messaging (FCM)
- Geolocation

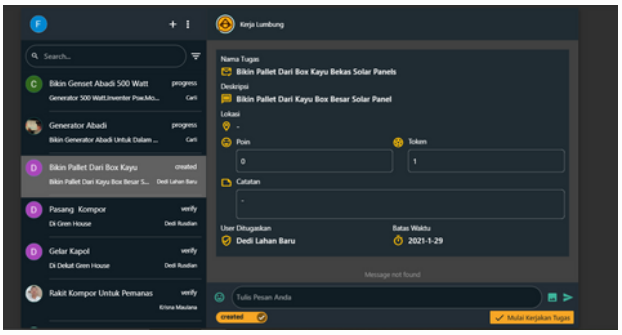
LUMBUNG KERJA

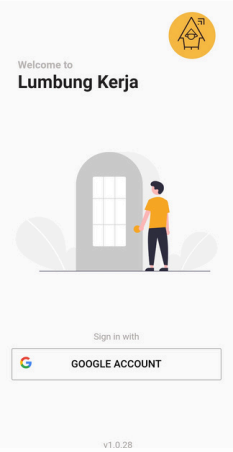
TASK MANAGEMENT APP

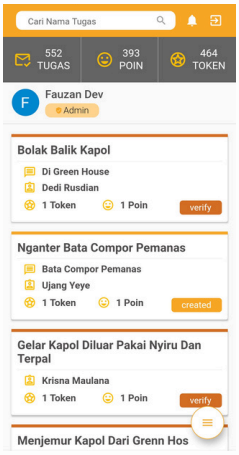
ENORAM INC - BANDUNG, INDONESIA - 2020/2021

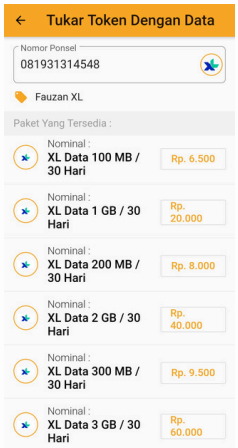


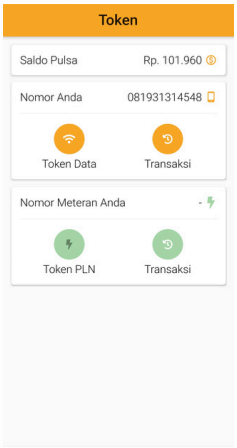












DESCRIPTION

LUMBUNG KERJA is application to manage, handle assign task request for our agent (farmer, worker, etc). And collected point, token to exchange with (package internet, electric bill) using Mobile Pulsa as 3rd Paty payment.

TECH STACK

Programming Language :

- Dart (Flutter) - iOS - Android - Web
- BLoC, Cubit, Provider (State Management)
- Mobile Pulsa (3rd Party)

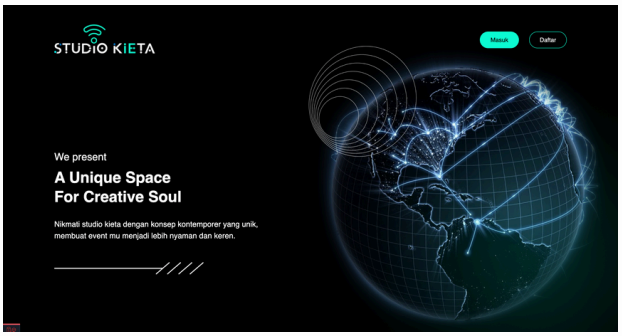
Other Stuff :

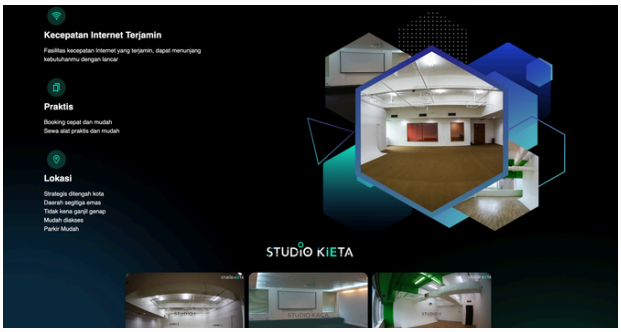
- Database (Firestore)
- Server Cloud (Firebase)
- Git version control
- Firebase Cloud Messaging (FCM)

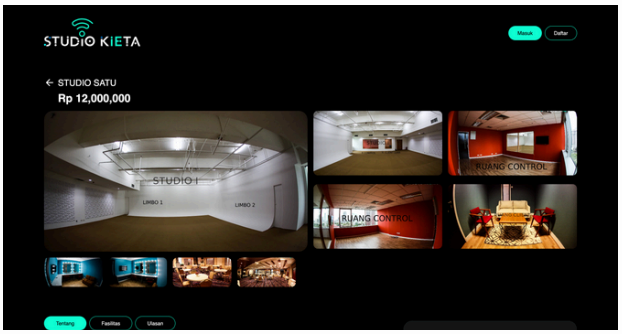
STUDIO KIETA

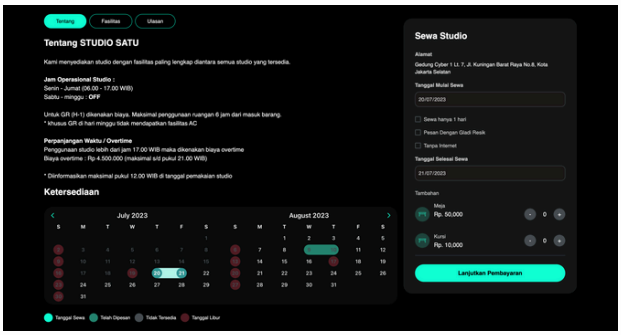
STUDIO BOOKING APP

JAKARTA, INDONESIA - 2021/2022









DESCRIPTION

STUDIOKIETA is The Online Studio Booking App streamlines studio reservations. With user-friendly interface and real-time availability, it simplifies the booking process. Efficient management enhances customer experience. A valuable tool for studio owners and clients, optimizing studio usage and fostering convenience in the creative industry.

TECH STACK

Programming Language :

- PHP (Laravel Framework)
- Composer
- JavaScript (VueJs)
- Css
- HTML

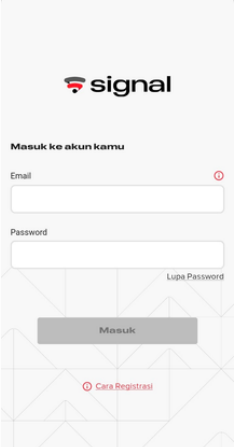
Other Stuff :

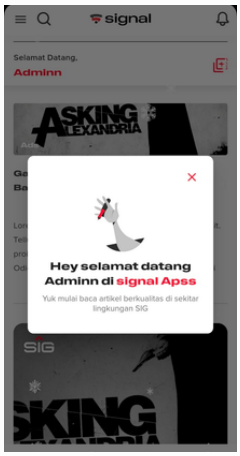
- Database (PostgreSQL)
- Server Cloud (Digital Ocean), Ubuntu
- Git version control
- Midtrans (Payment Gateway)

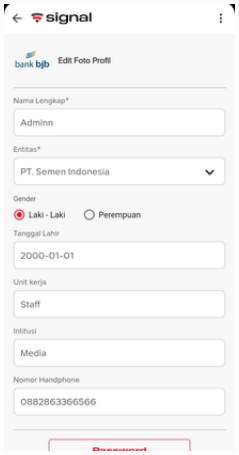
SIGNAL

PORTAL NEWS APP

SEMEN GRESIK (SIG) - JAKARTA, INDONESIA - 2022







TECH STACK

Programming Language :

- Backend : Laravel (Lumen)
- Frontend Mobile : Dart (Flutter) - using BLoC, Cubit, Provider (State Management)

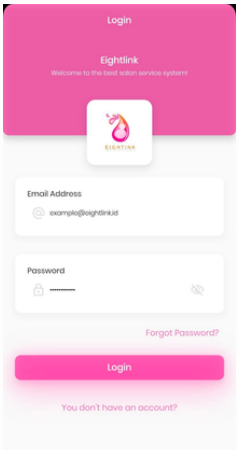
Other Stuff :

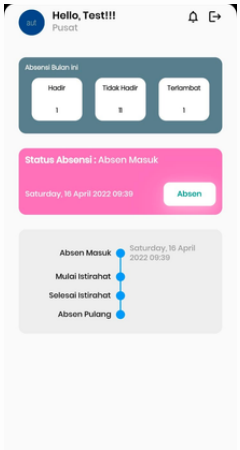
- Database (MySQL)
- Server Cloud (Digital Ocean), Ubuntu
- Git version control
- Firebase Cloud Messaging (FCM)

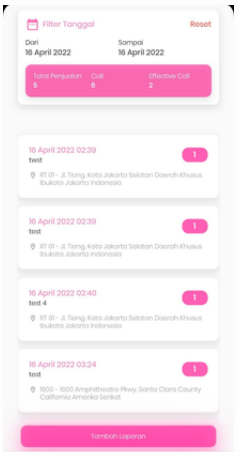
EIGHTINK

ATTENDANCE & SALES REPORT APP

BANDUNG, INDONESIA - 2022







TECH STACK

Programming Language :

- Backend : Laravel (Lumen)
- Frontend Mobile : Dart (Flutter) - using BLoC, Cubit, Provider (State Management)

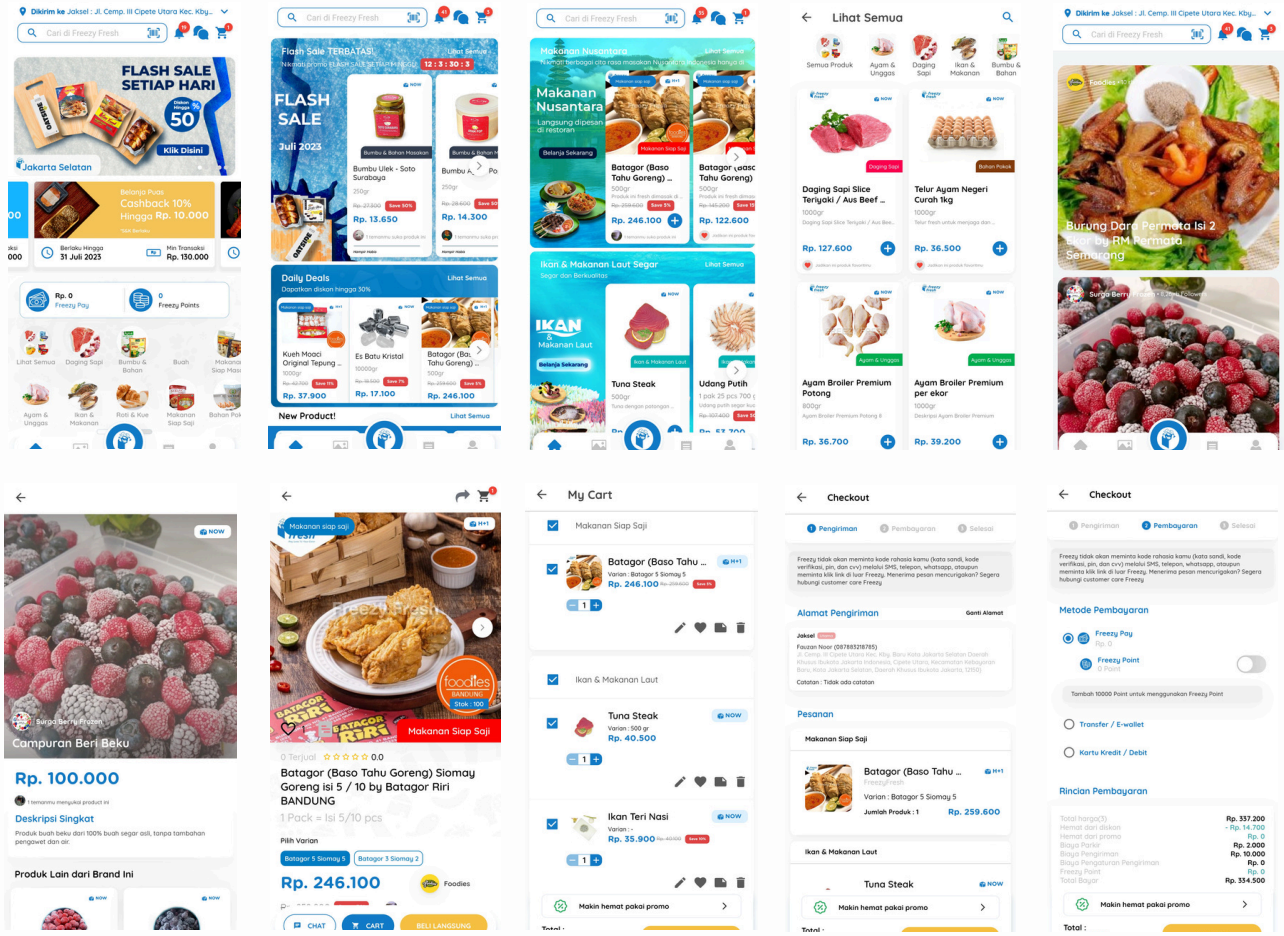
Other Stuff :

- Database (MySQL)
- Server Cloud (Digital Ocean), Ubuntu
- Git version control
- Firebase Cloud Messaging (FCM)

FREEZY FRESH

E-COMMERCE APP

FRESH FACTORY - JAKARTA, INDONESIA - 2021/2022



DESCRIPTION

FREEZY FRESH is The e-commerce app for frozen food, vegetables, and beverages provides a convenient shopping solution. Customers can enjoy a wide range of fresh and frozen products with fast delivery. Businesses can reach a broader market, enhancing competitiveness. An innovative solution that facilitates consumer convenience and supports the growth of the food and beverage industry.

TECH STACK

Programming Language :

- Backend : Laravel (Lumen)
- Frontend Web : JavaScript (ReactJs)
- Frontend Mobile : Dart (Flutter) - using BLoC, Cubit, Provider (State Management)

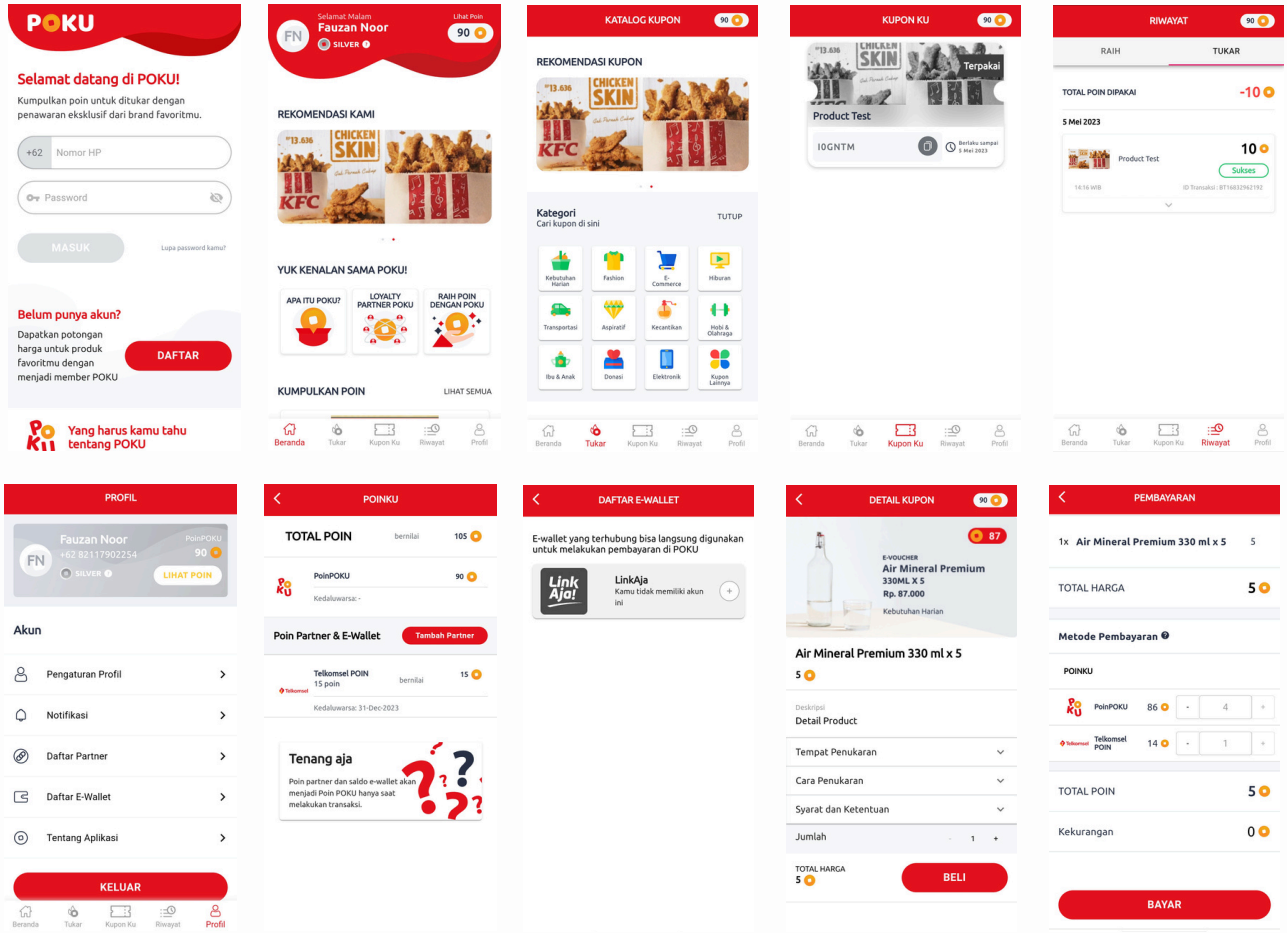
Other Stuff :

- Database (PostgreSQL)
- Server Cloud (AWS)
- Git version control
- Midtrans (Payment Gateway)
- Firebase Cloud Messaging (FCM)
- JSON Web Token (JWT)
- Micro Service

POKU

LOYALTY PLATFORM

TELKOMSEL INDONESIA - JAKARTA, INDONESIA - 2022/2023



DESCRIPTION

POKU is a web-based loyalty ecosystem platform that is used to exchange's customer loyalty points with vouchers from patners earning who join with POKU. Points that can be redeemed are not only Telkomsel points, but points already owned by customers with other partners, for example Starbucks point, customer points for certain bank who join POKU, etc. POKU can be use not only by Telkomsel subscriber, but partner customer or anyone who registers on the POKU application.

TECH STACK

Programming Language :

- Backend : JavaScript (NodeJs)
- Frontend : JavaScript (ReactJs)
- Krakend (API Gateway)
- Go SMS Gateway (3rd Party)
- Telkomsel Point (3rd Party)
- LinkAja (3rd Party)
- Amazon SES (3rd Party)

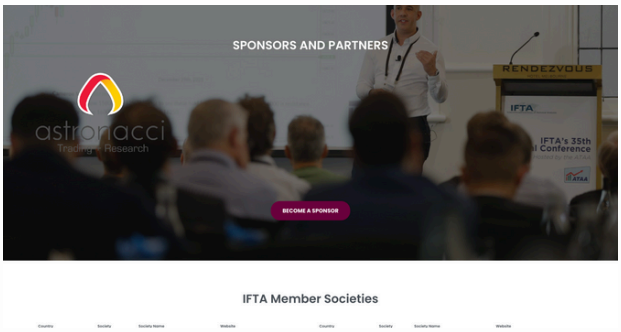
Other Stuff :

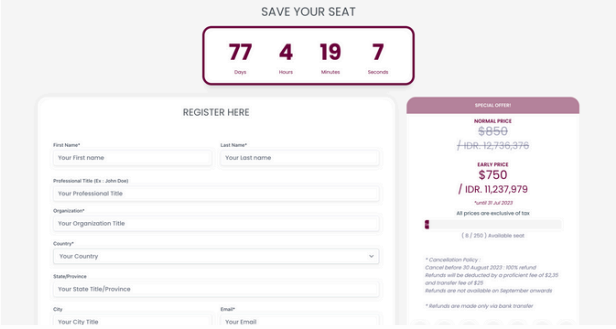
- Database (MySQL, MongoDB)
- Server Cloud (GCP)
- Git version control
- JSON Web Token (JWT)
- Micro Service

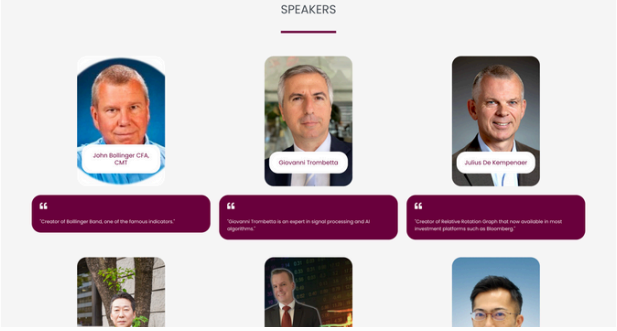
IFTA 2023 JAKARTA

EVENT BOOKING APP

JAKARTA, INDONESIA - 2023







DESCRIPTION

IFTA 2023 JAKARTA is The Event Booking App revolutionizes event planning. With real-time availability and seamless reservations, it simplifies the booking process. Efficient management enhances user experience, benefiting both event organizers and attendees. A valuable tool for ensuring successful and hassle-free events.

TECH STACK

Programming Language :

- PHP (Laravel Framework)
- Composer
- JavaScript (VueJs)
- Css
- HTML

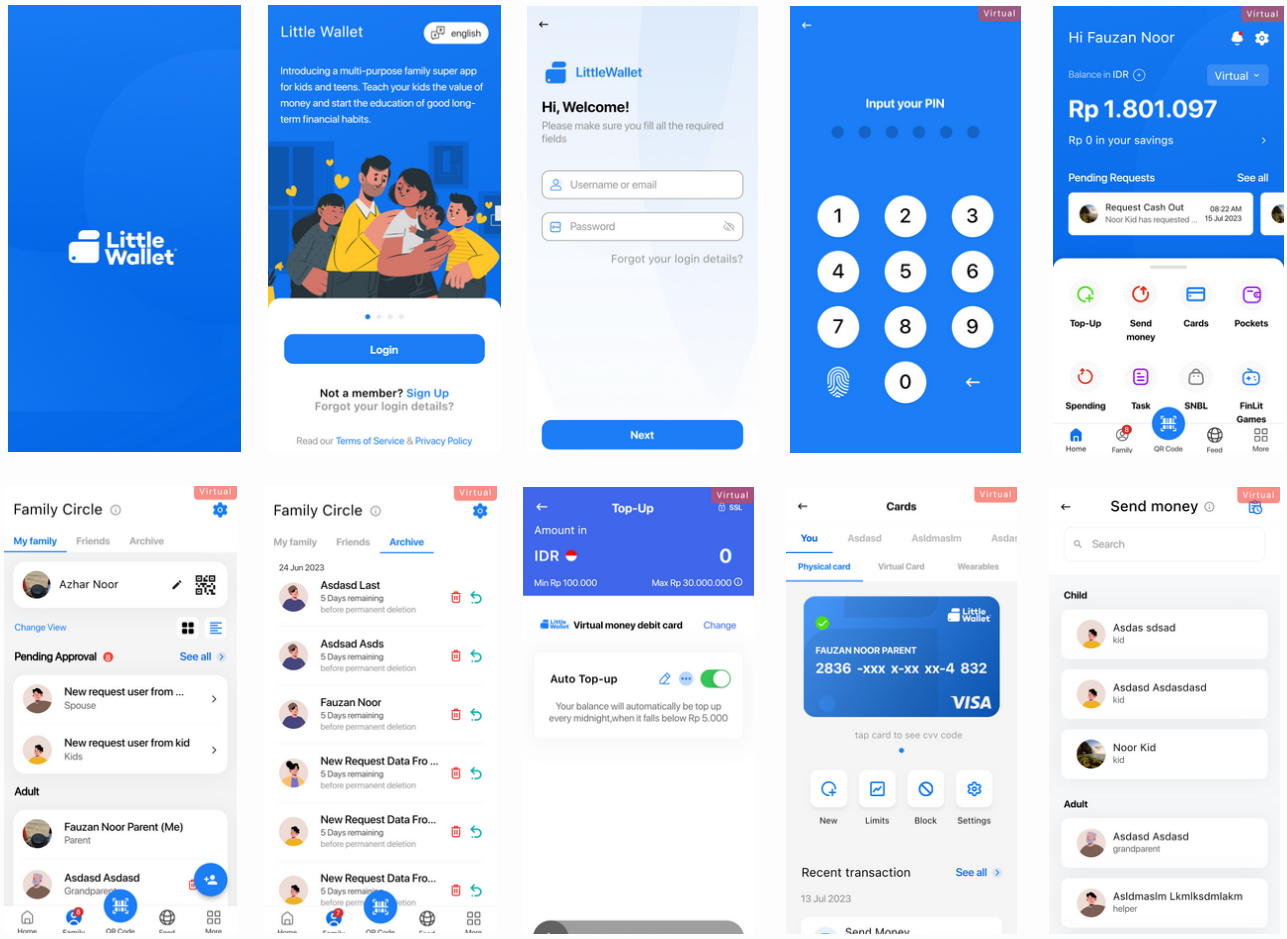
Other Stuff :

- Database (PostgreSQL)
- Server Cloud (Digital Ocean), Ubuntu
- Git version control
- Midtrans (Payment Gateway)

LITTLE WALLET

FINTECH, MONEY MANAGEMENT APP

SINGAPORE - 2023



DESCRIPTION

Little Wallet is the Southeast Asia's 1st complete Family App with a digital wallet to kids and teens to be good with money. We combine EdTech with FinTech to create a financial intelligence hub proving smart money management tools to nurture money skills for kids and teens. Parents sign up on Little Wallet app and do e-KYC. Parents can top up the wallet by debit or credit card. Kids and Teens are onboarded as sub-users of app. Kids and Teens get paid by parents through Little Wallet app upon doing tasks that you set up, tap & pay at school canteens etc. either by the virtual card, debit card, or wearable device.

TECH STACK

Programming Language :

- Backend : Rubby
- Frontend Mobile : Dart (Flutter) - using BLoC, Cubit, Provider (State Management)

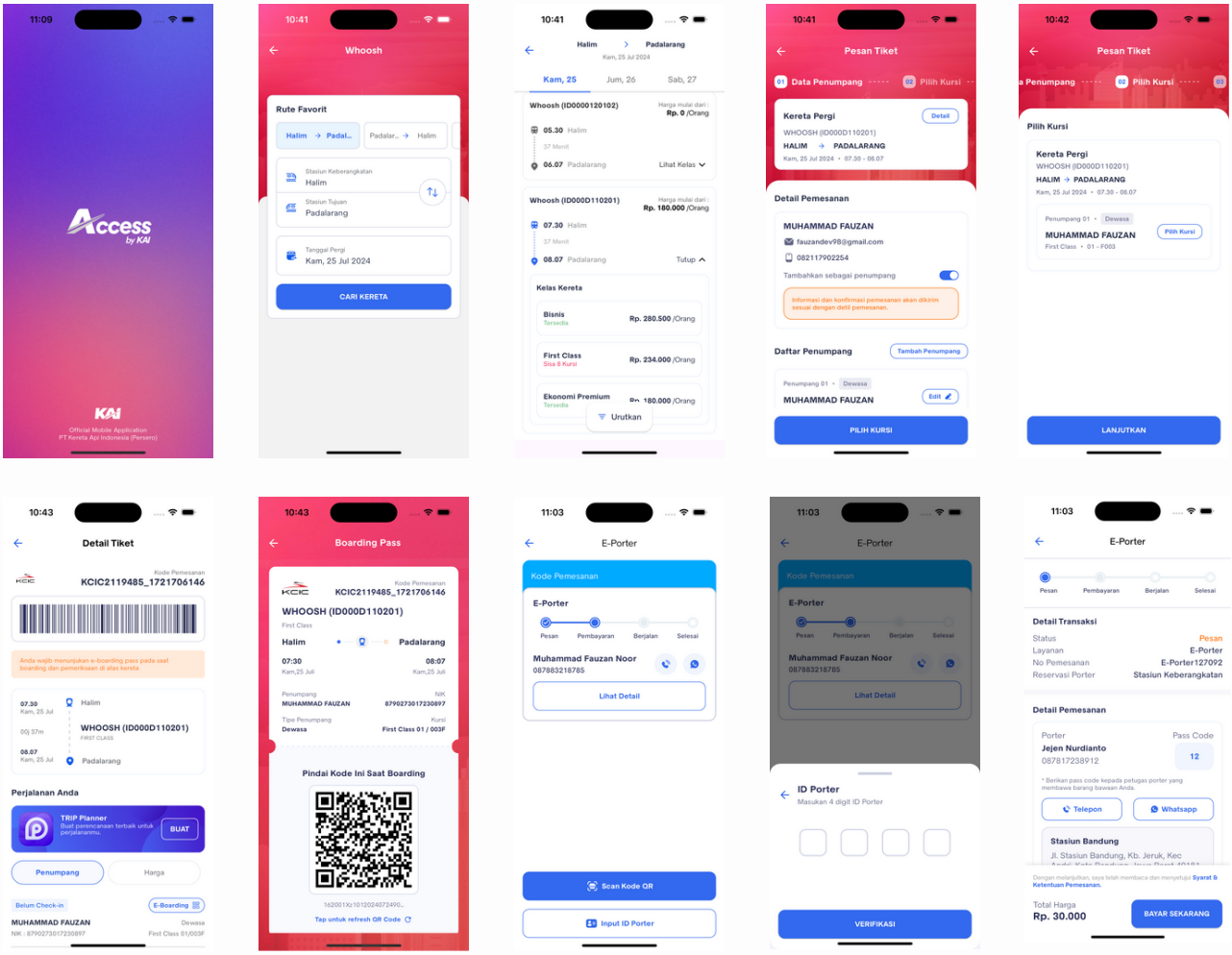
Other Stuff :

- Database (PostgreSQL)
- Server Cloud (AWS)
- Git version control
- Firebase Cloud Messaging (FCM)

ACCESS BY KAI

TRAVEL, TRAIN BOOKING APP

INDONESIA - 2024



DESCRIPTION

The **Access by KAI** application is the official application from PT Kereta Api Indonesia (Persero) which makes it easy for users to access various kinds of services related to train travel in Indonesia.

KEY FEATURE :

1. Ticket Booking
2. Real-Time Train Information
3. Whoosh Booking System (high-speed trains)
4. Infant Passenger Addition
5. E-Ticket Management
6. Passenger Services
7. E-Porter

TECH STACK

- Frontend Mobile : Dart (Flutter) - using BLoC, Cubit, Provider (State Management)