PORTFOLIO PROJECT / 2025

BUSINESS INFORMATION
SYSTEMS STUDENT

MOBILE APP
DEVELOPER

MORE

PORTFOLIO

Ezra Brilliant Konterliem

About Me❓

EZRA BRILLIANT KONTERLIEM 😎

🎓**Business Information Systems** student at **Petra Christian University** specializing in 📊 **Business Intelligence** and 📱**Mobile Development**. Experienced with data analytics, business process optimization, and modern development technologies. 🚀Participant in **Bangkit Academy 2024 Mobile Development Path**, completing industry-aligned training and certifications. Seeking to drive digital transformation through business intelligence solutions and data-driven mobile applications.

🧑‍💻My Experience & Education

Bangkit Academy (by Google, Gojek, Tokopedia, Traveloka)

📱Mobile Development Cohort
- 🎓Completed an intensive program led by Google, Gojek, Tokopedia, Traveloka
- 🎨Focused on Android mobile development, UI/UX design, API integration, and modern development workflows
- 🔥Gained expertise in Android App Development with **Kotlin**, **UI/UX**, **API integration, Firebase**
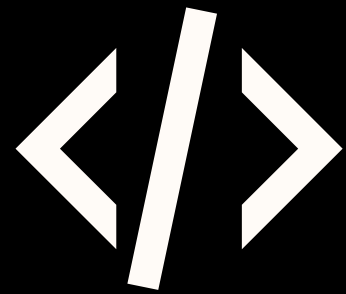
Petra Christian University   GPA : 3.14   2022 - Present

🎓**Bachelor of Business Information Systems**
Relevant Coursework📚:
- Database Systems & Advanced Database
- Business Process & Information Systems Analysis
- Web & Mobile Application Development
- Artificial Intelligence & Data Science Modeling
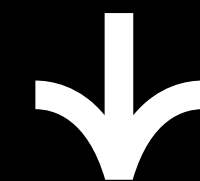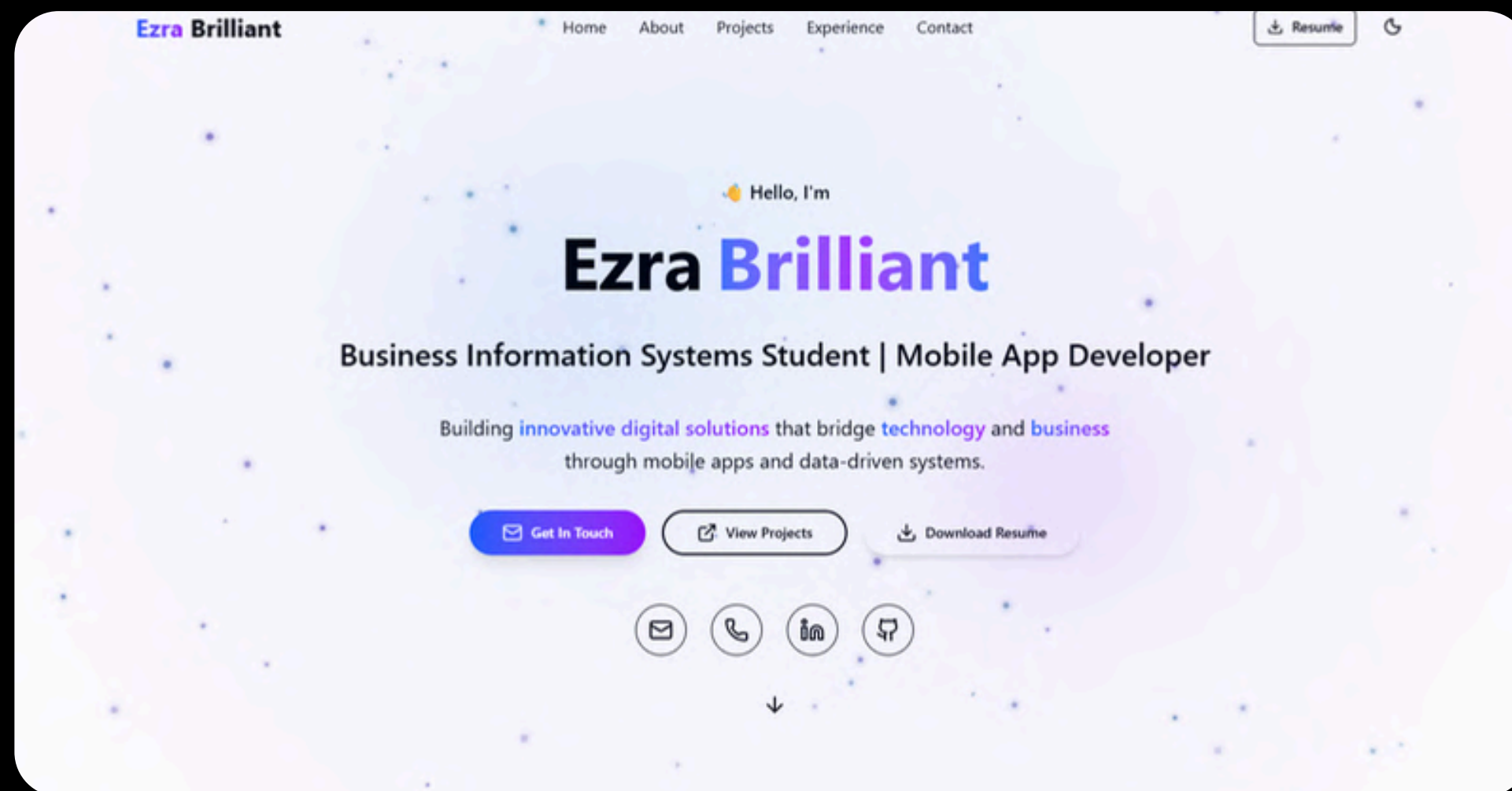- IT Project Management & Governance

⚠️ Project Area ⚠️

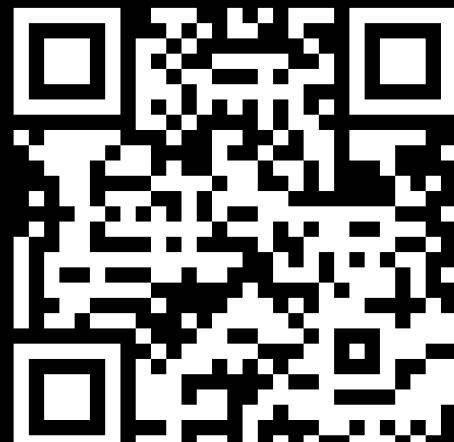## View All Project on Github

Scroll +99 Aura🔥

📱 Demo

🐙 Github

Portfolio ✨

📌 Project Reasons

This web portfolio was created to showcase my projects, skills, and experiences in a professional and visually appealing way.

⚡ Problem Solved

- Without a personal website, projects and achievements were scattered across different platforms.
- Difficult for recruiters or clients to quickly view my work in one place.
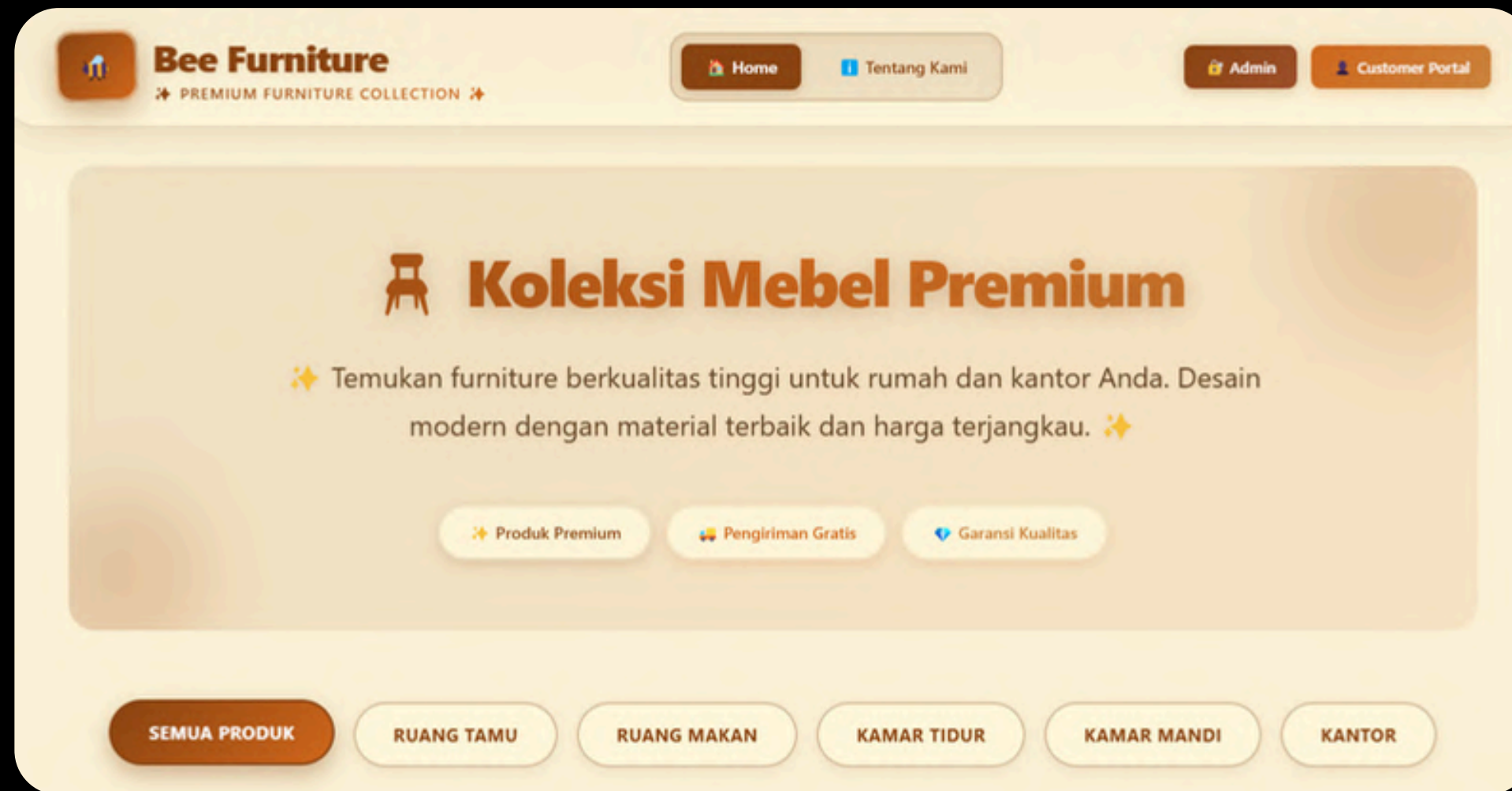- Needed a modern and customizable platform to represent my profile.

🛠️ Solution

A personal portfolio website built with modern web technologies:

- Clean design highlighting projects, experience, and education.
- Sections for About Me, Project Showcase, and Contact.
- Responsive layout for both desktop and mobile users.

🎯 Outcome

A professional web portfolio that centralizes my work, strengthens my personal brand, and makes it easier for others to explore my projects and skills.

Bee Furniture🐝

📌**Project Reasons**

Bee Furniture needed a centralized system to manage customer data, transactions, and complaints more efficiently than manual recording.

⚡**Problem Solved**

- Customer complaints/questions were not properly tracked.
- Manual transaction recording was error-prone and hard to trace.
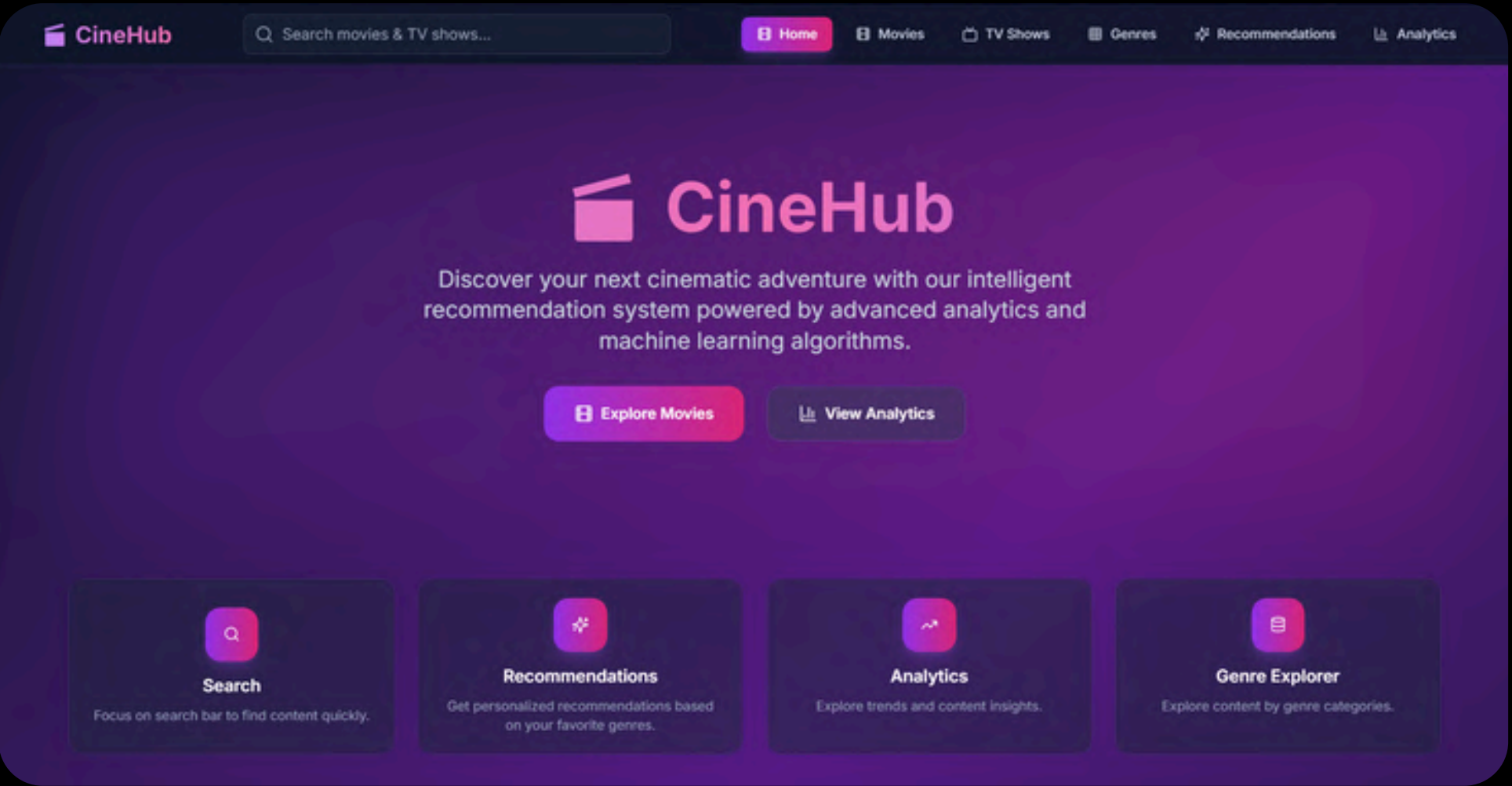- No system to manage promotions directly linked to orders.

🛠️**Solution**

A CRM application with two sides:
- Client: submit complaint/question tickets.
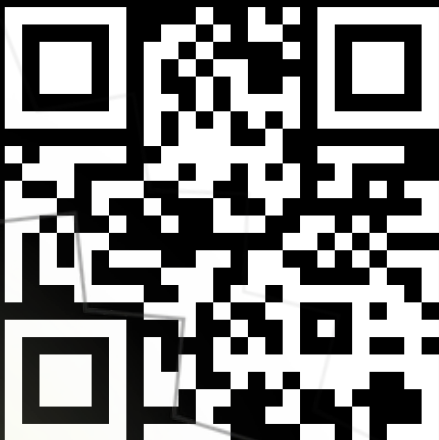- Admin: input customer data, create orders, assign products & promotions (promo created only by super admin).

🎯**Outcome**

A CRM system that streamlines transaction recording, complaint handling, and promotion management, improving service speed and organization.

Bee Furniture
PREMIUM FURNITURE COLLECTION

Home | Tentang Kami | Admin | Customer Portal

🪑 **Koleksi Mebel Premium**

✨ Temukan furniture berkualitas tinggi untuk rumah dan kantor Anda. Desain modern dengan material terbaik dan harga terjangkau. ✨

✨ Produk Premium | 🚚 Pengiriman Gratis | 💎 Garansi Kualitas

SEMUA PRODUK | RUANG TAMU | RUANG MAKAN | KAMAR TIDUR | KAMAR MANDI | KANTOR
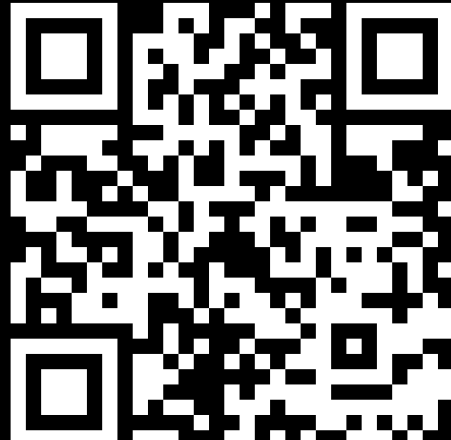
🌐 <u>Demo</u>   <u>Github</u>

CineHub 🎬

📌Project Reasons

CineHub was built to demonstrate a hybrid database system, combining SQL for structured data and NoSQL for flexible movie metadata, enabling more optimal data management.

⚡Problem Solved

- Structured queries alone cannot handle dynamic movie metadata.
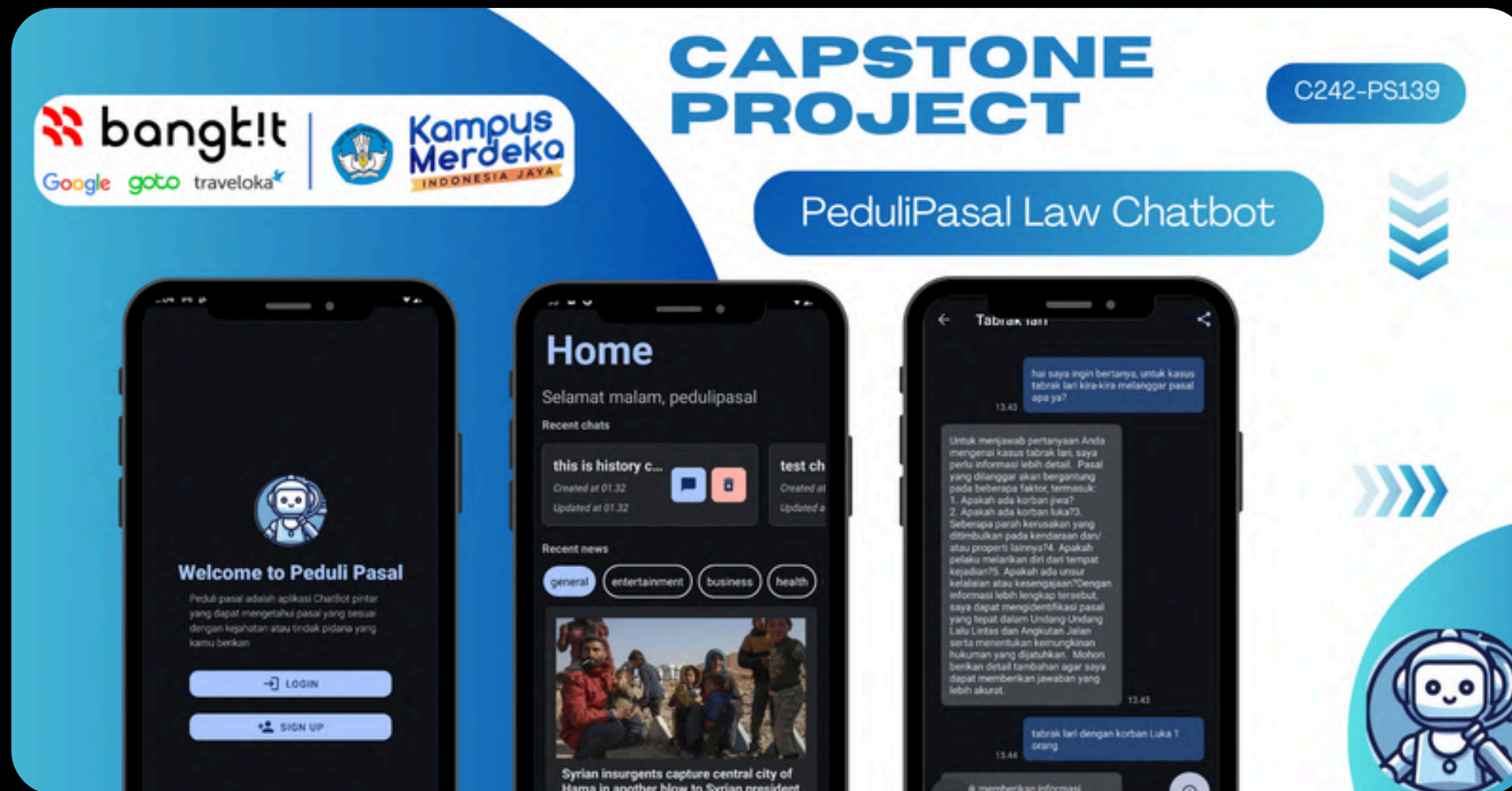- NoSQL alone cannot ensure relational consistency for users and ratings.

🛠️Solution

A movie recommendation web app with dual databases:
- PostgreSQL: user accounts, ratings, watch history.
- MongoDB: genres, tags, movie metadata.
- Cosine similarity–based recommendation engine with Netflix-style UI.

🎯Outcome

A scalable and user-friendly recommendation system that showcases the strengths of combining SQL and NoSQL in real-world applications.

🌐 Demo   Github

PeduliPasal ⚖️

📌Project Reasons

PeduliPasal was developed during the Bangkit 2024 Capstone Project to make Indonesian legal information more accessible and user-friendly.

⚡Problem Solved

- Many people struggle to understand and access legal articles.
- Legal documents are complex and not easy to navigate.
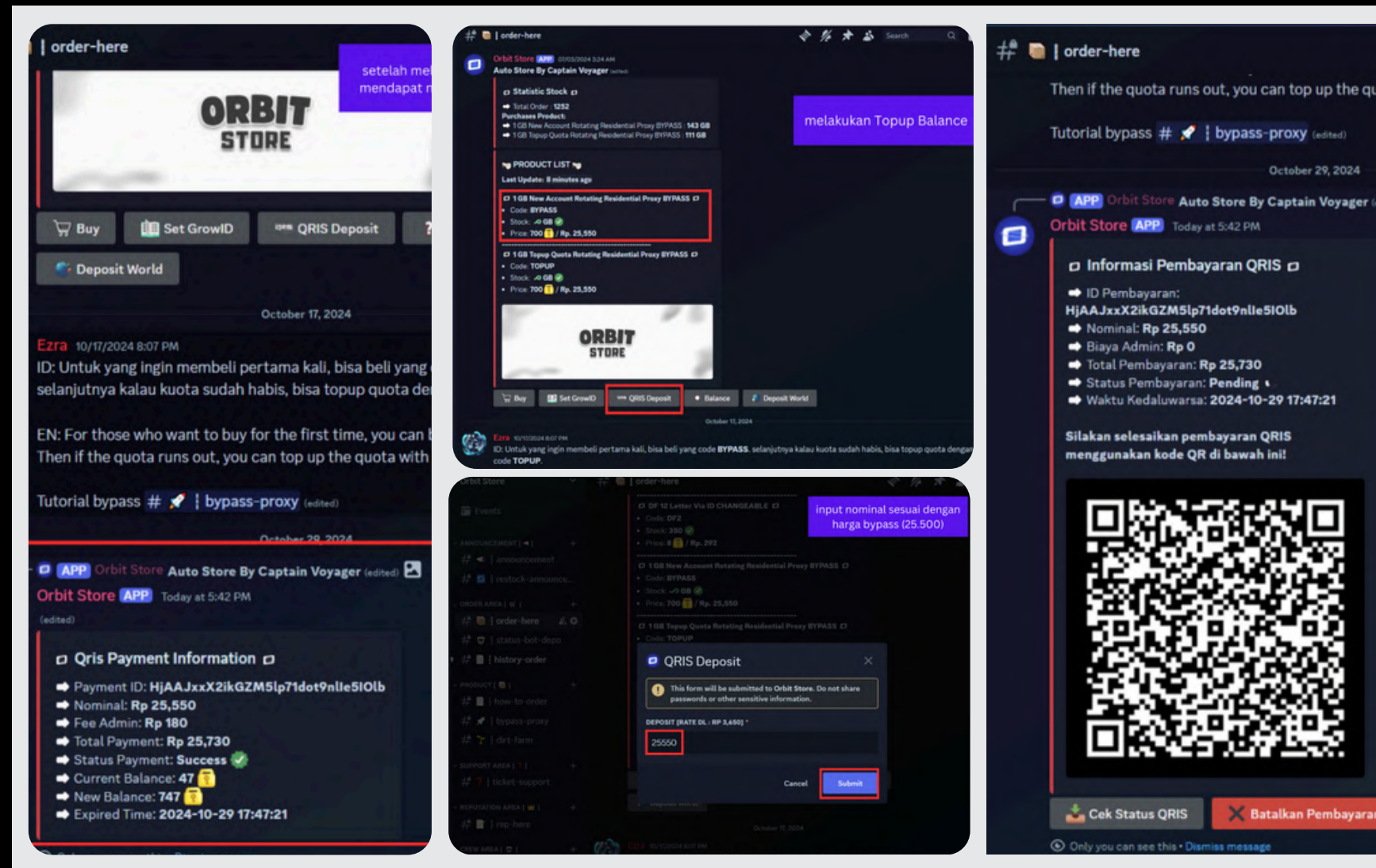- No mobile tool existed for quick legal reference.

🛠️Solution

A mobile application that allows users to search and retrieve legal statutes:

- Keyword-based article search and display.
- Simplified explanations for better understanding.
- Built with Android (Kotlin) and cloud integration.

🎯Outcome

A mobile legal assistant that improves access to Indonesian law, supporting students, professionals, and the public in understanding legal content more effectively.

📱 <u>Demo</u>   🐙 <u>Github</u>

📱 <u>Demo</u>

Orbit Store 📊

📌**Project Reasons**

Orbit Store was created to provide a simple e-commerce solution directly inside Discord, with real QRIS payment integration for digital item transactions.

⚡**Problem Solved**
- Manual selling in Discord was time-consuming and unstructured.
- Payments often required manual confirmation, slowing down transactions.
- No direct link between Discord orders and QRIS payment flow.

🛠️**Solution**

A Discord bot developed with JavaScript, Discord API, and Midtrans API:
- Automates order handling and QRIS payment generation.
- Records customer and product data directly in Discord.
- Uses chunking for efficient processing of order data.

🎯**Outcome**

A working Discord bot that enabled me to sell digital items more efficiently, with automated QRIS payments and organized order management.