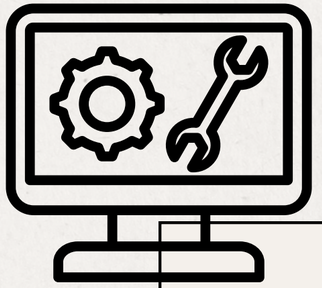
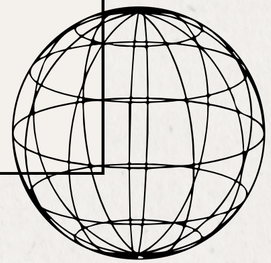


Portofolio

Jennifer Oentoro



About Me

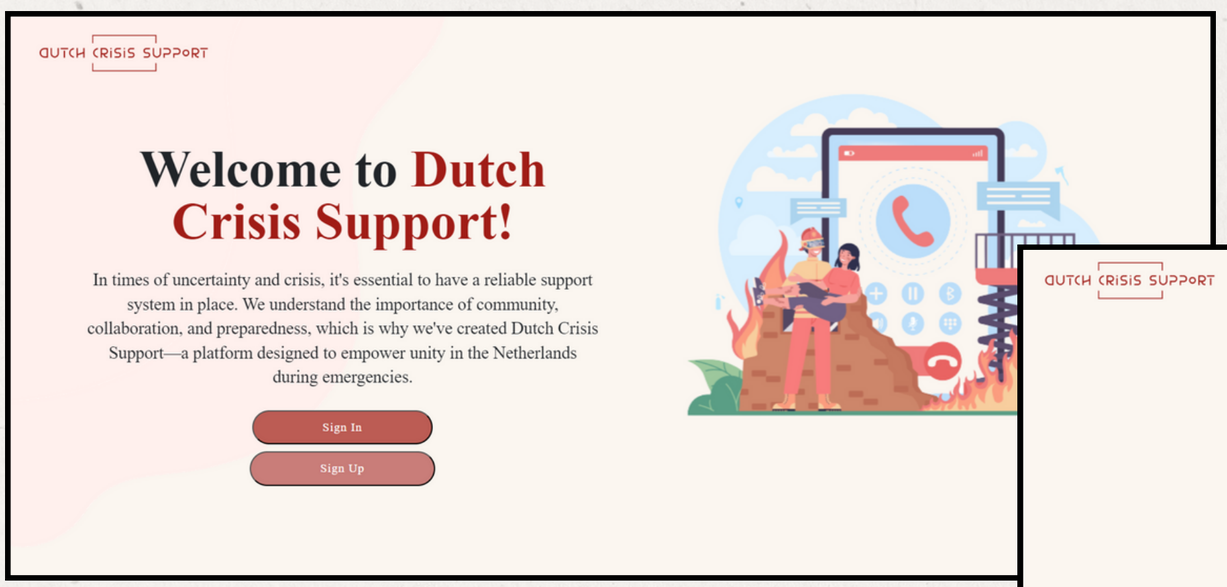
Jennifer Oentoro

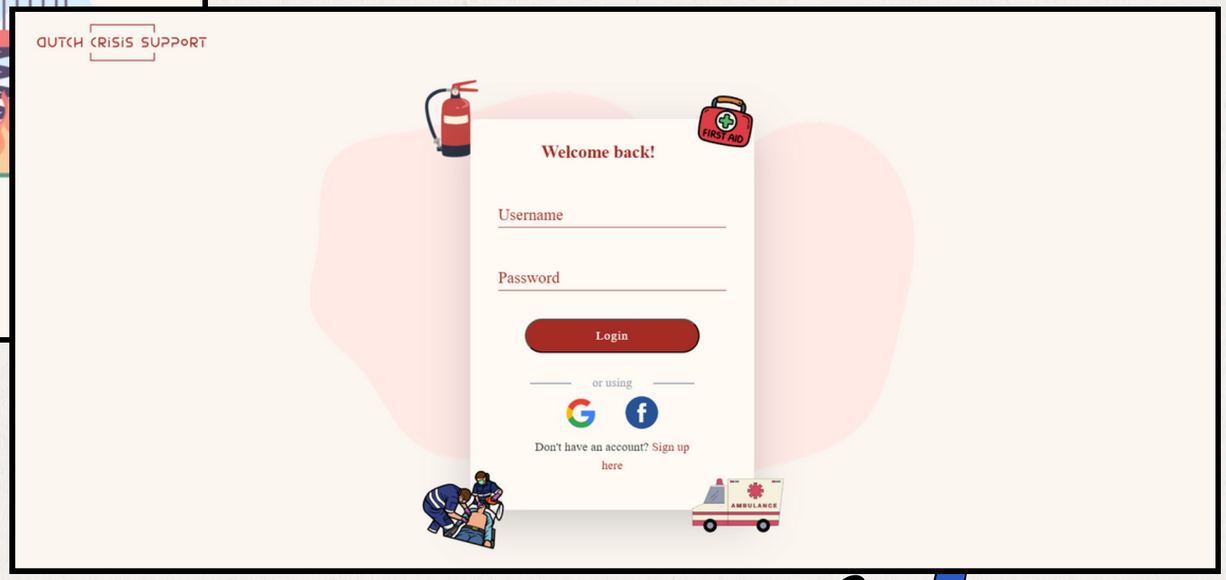
I am a double degree computer science student with a unique academic background, having completed three years of study in Indonesia and currently pursuing my education in the Netherlands for an additional 1.5 years. Motivated and passionate about learning, I am experienced in multiple programming languages. My dedication to excellence is evident in my responsible, disciplined, and hardworking nature, as I always strive to deliver the best results. Personality-wise, I am known for being good-natured and easy to get along with, fostering positive relationships and effective collaboration in any environment.

Link Repository : **https://github.com/jenniferoentoro?tab=repositories**

1. Dutch Crisis Support

(Emergency Web App)





Frontend

Language = **React typescript**
Repository link:
https://github.com/jenniferoentoro/Emergency-web-app-frontend

Backend

Language: **Java (Spring Boot)**
Database: **MySQL**
Repository link:
https://github.com/jenniferoentoro/EmergencyWebAppBackend

Roles: User, helper, admin

Features

User:

- Register and log in.
- Chat with an admin for assistance.
- If the admin has not responded yet, an automated response will be generated using OpenAI (third-party).
- Enable real-time location tracking for emergency assistance.
- Upload photos or videos with descriptions as incident reports for criminal activities, facility break-ins, etc.
- View the real-time status of incident reports.
- Delete incident reports.
- Access the report history.
- Apply filters and perform searches on incident reports.
- Locate the nearest emergency public facilities
- Browse and search for news articles.
- Access video tutorials on how to handle specific emergency situations.

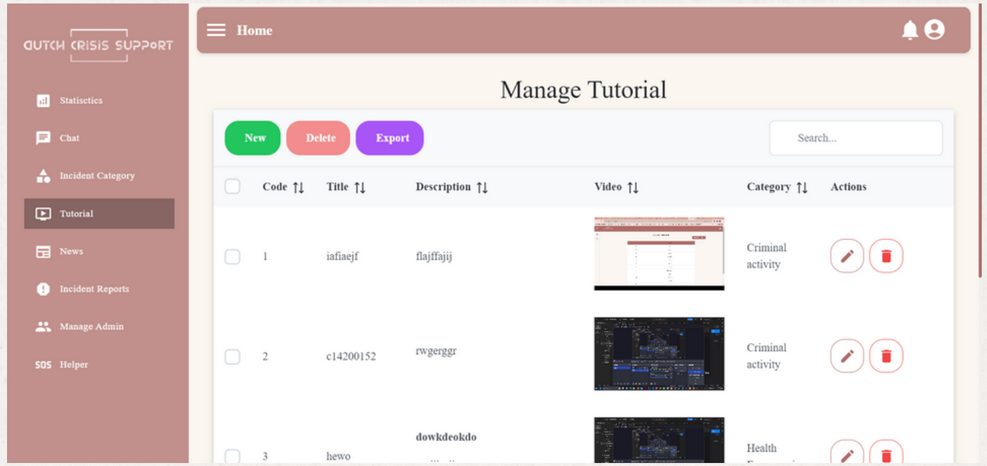
Admin

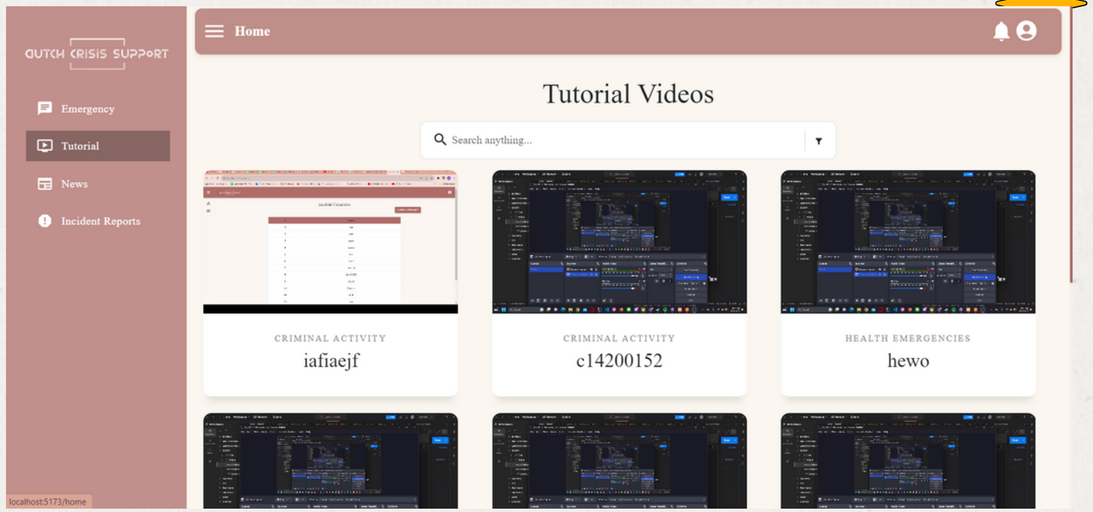
- Monitor chat conversations
- Respond to chat messages.
- Modify the status of incident reports.
- Add new video tutorials and news articles.
- Monitor all data
- Sratistics report
- Assign users to spesific incident category

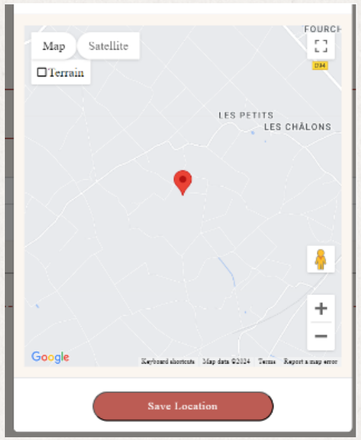
Helper

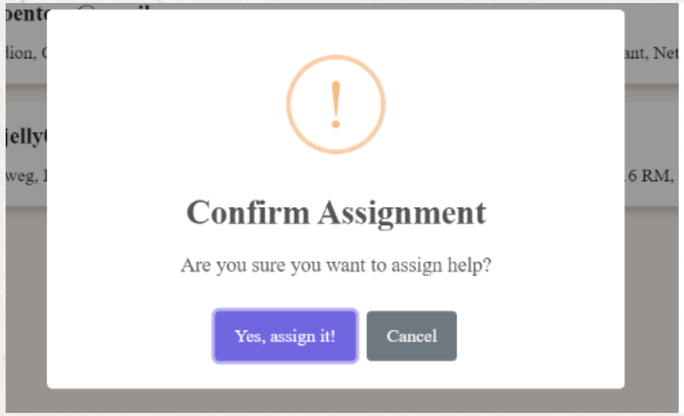
- Help user who need help
- Enable real-time location tracking for emergency assistance (including how many KM and minutes to go to the user's location)

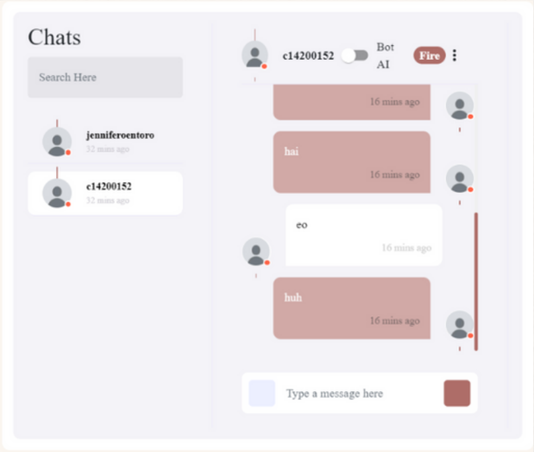
Overview Gallery



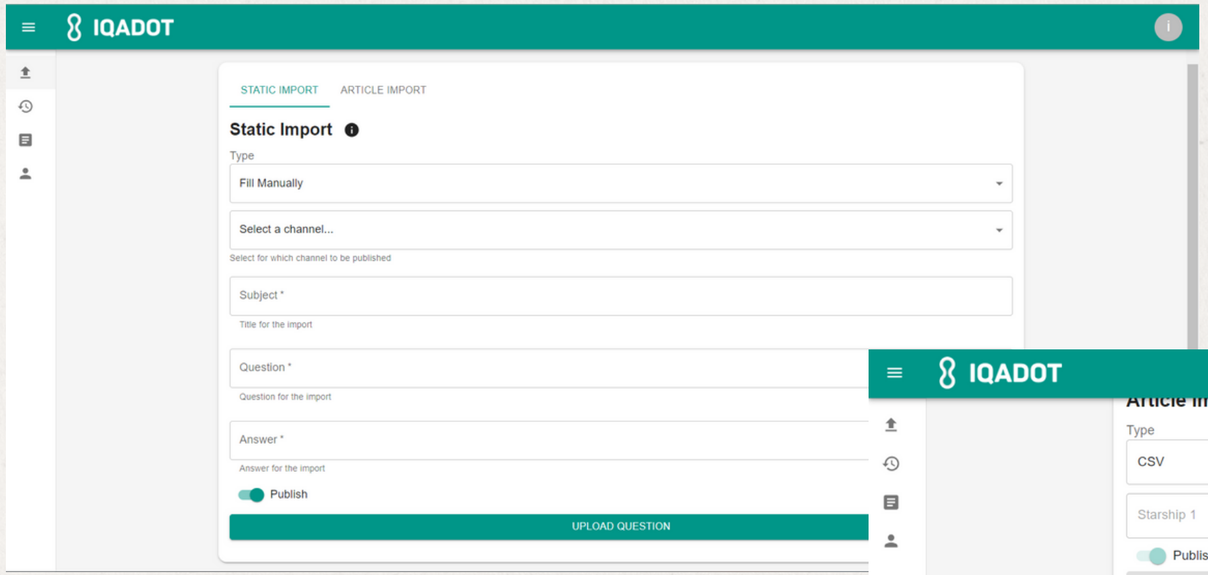


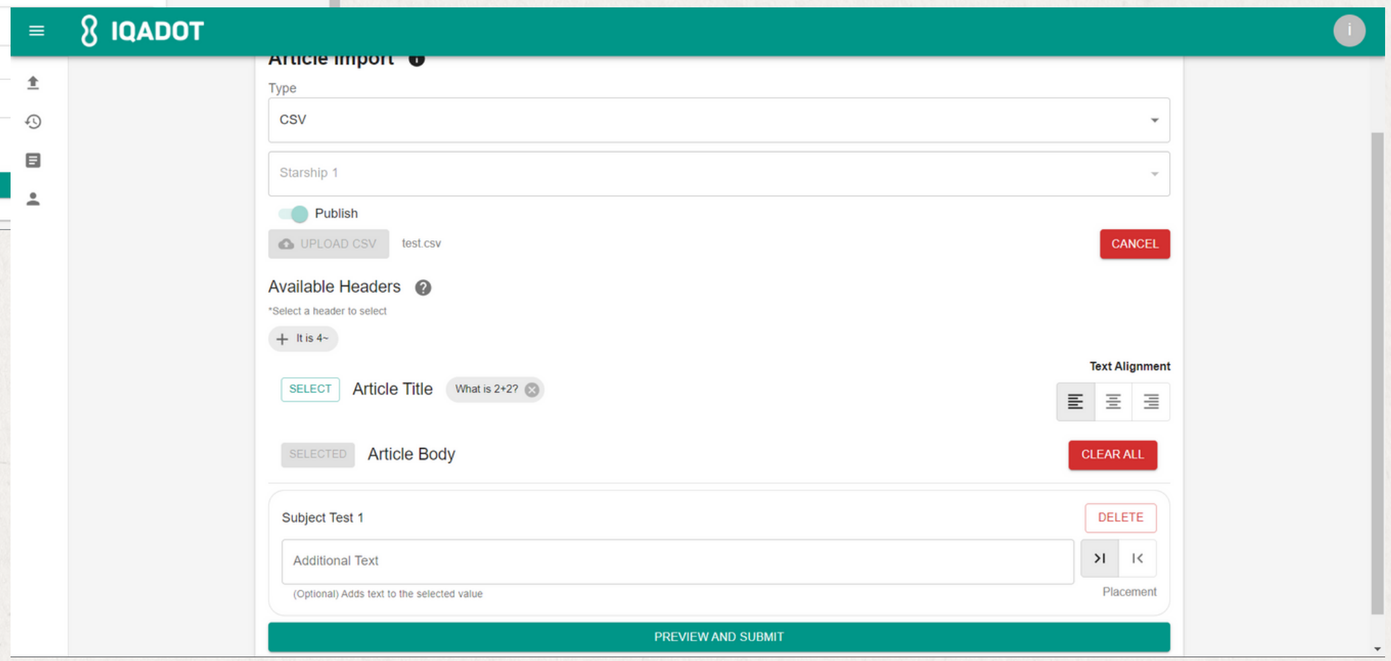






2. Knowledge Import Tool





Knowledge Import Tool

Frontend

Language = **React typescript**
Repository link:
https://github.com/jenniferoentoro/IqadotFrontend

Backend

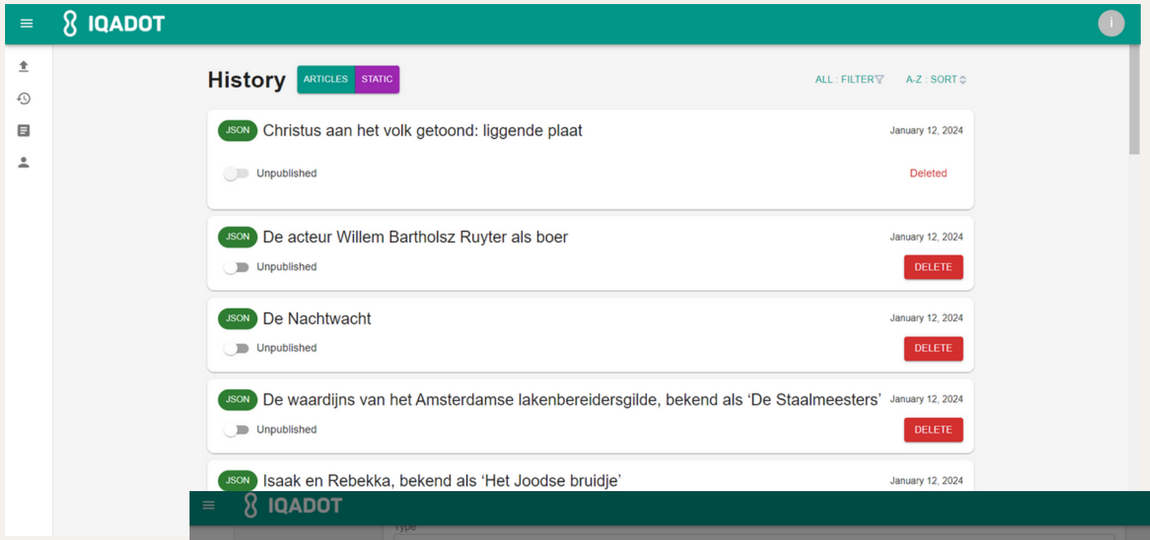
Language: **Java (Spring Boot)**
Database: **MySQL**
Repository link:
https://github.com/jenniferoentoro/IqadotBackend

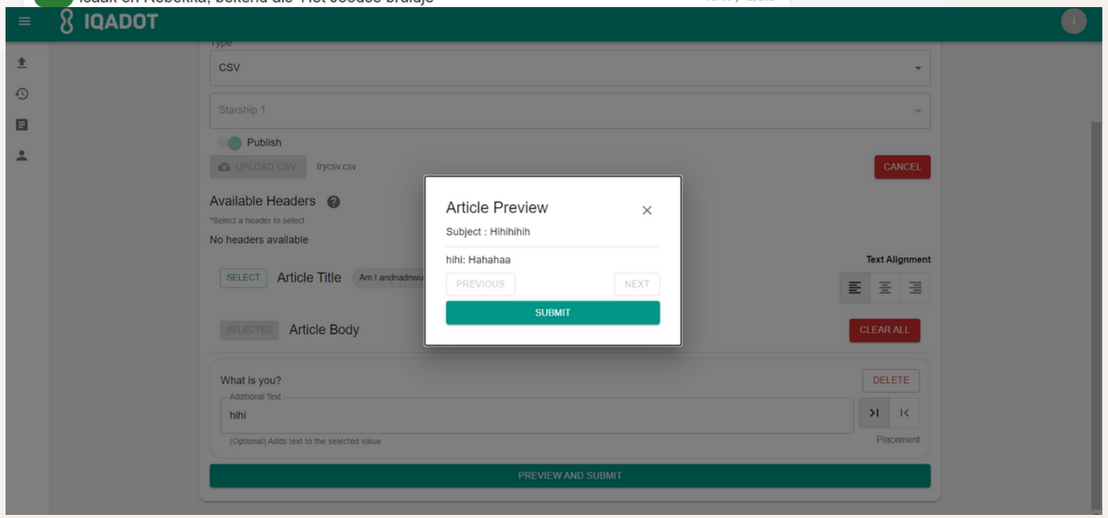
Roles: admin

Features

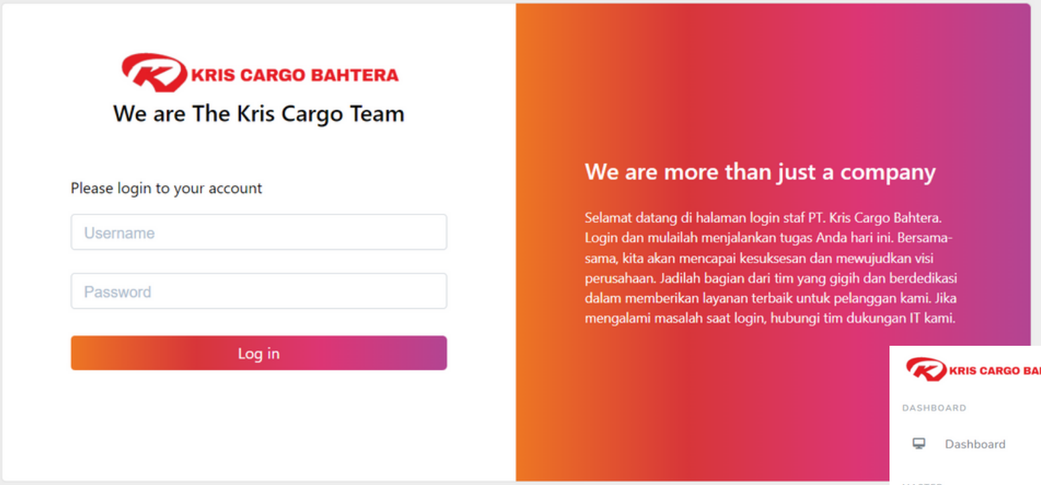
- Article Import
  - CSV to element
  - JSON to element
  - PDF to element
- Static Import (Question and answer)
  - Fill manually
  - CSV
  - JSON
- Manage master data for sources
- History import
- Manage users

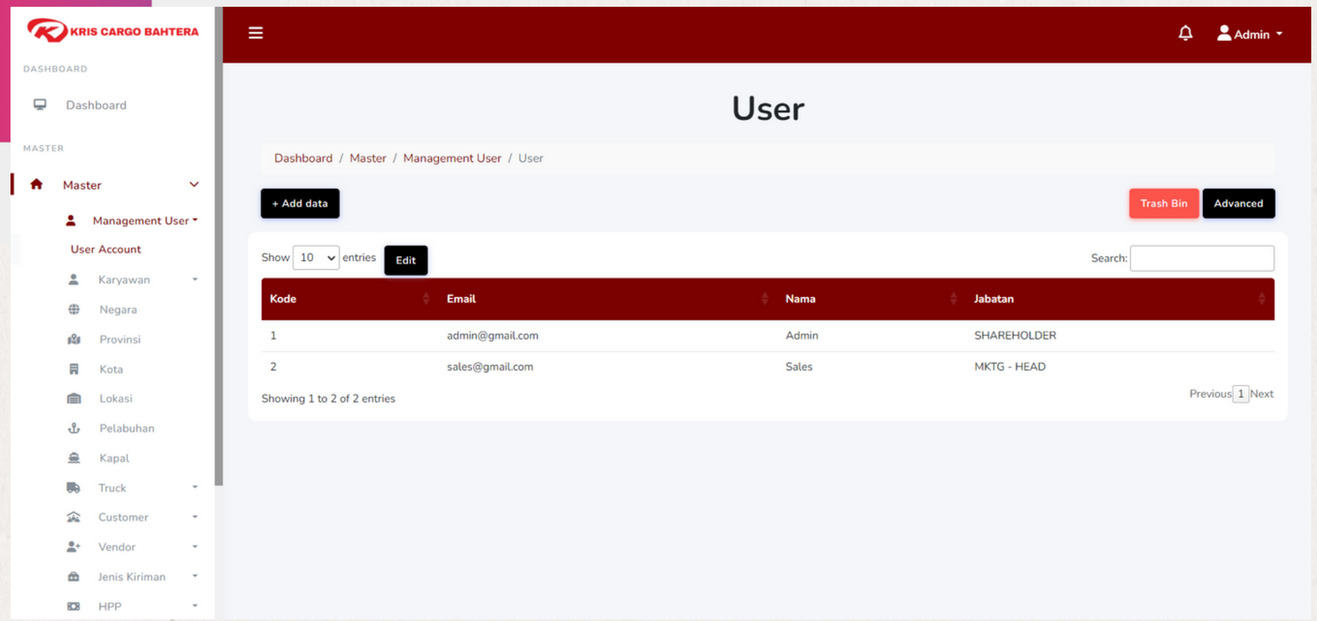
Overview Gallery





3. Transport Management System





Transport Management System

Frontend

Language = **PHP (Laravel)**
Repository link:
https://github.com/jenniferoentoro/KrisCargoFrontendInternship

Backend

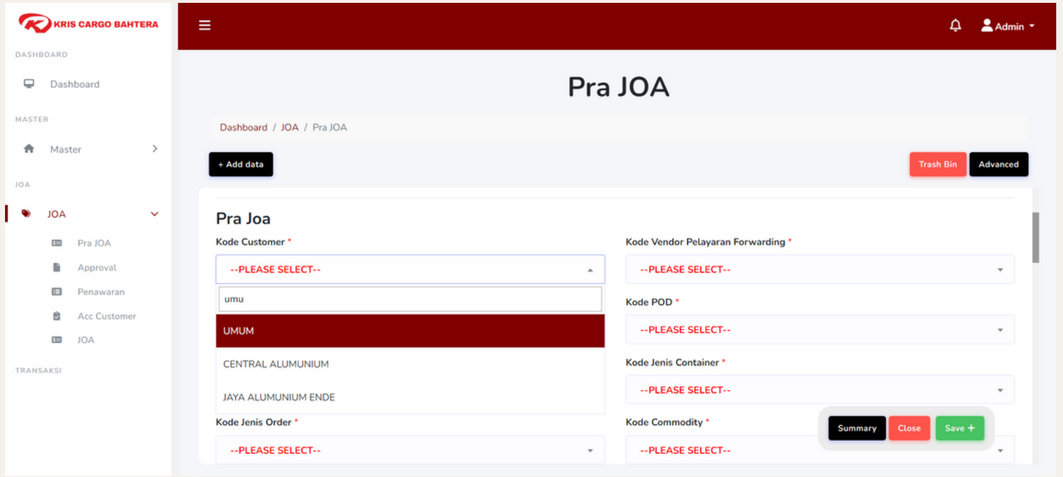
Language: **PHP (Laravel)**
Database: **PostgreSQL**
Repository link:
https://github.com/jenniferoentoro/KrisCargoBackendInternship

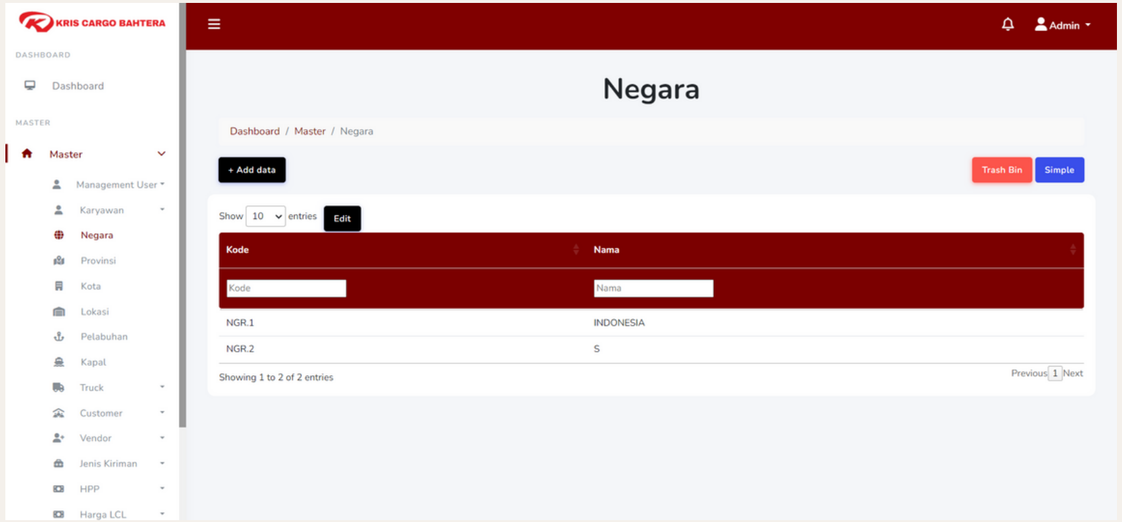
Roles: admin

Features

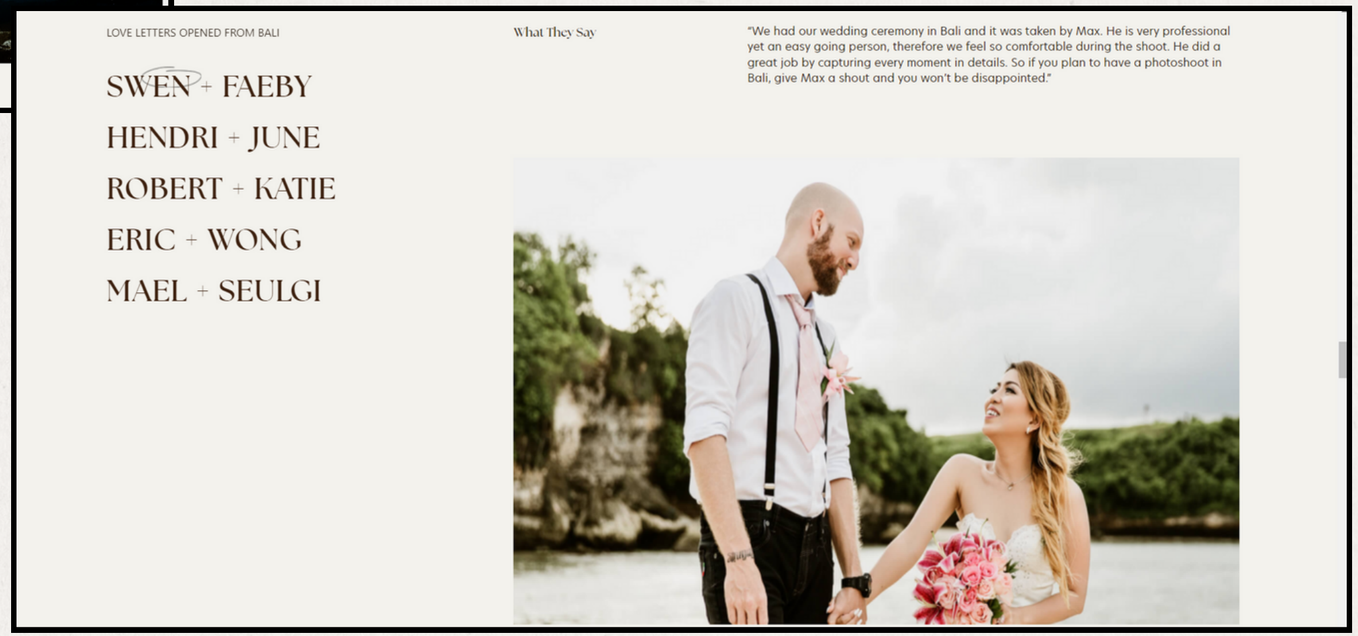
- Master
  - Management User
  - Employee
  - Country
  - Province
  - City
  - Warehouse
  - Ship
  - Truck
  - Customer
  - Vendor
  - Shipping Type
  - HPP
  - LCL/FCL
  - Accounting
- JOA
  - Pra JOA
  - Approval
  - Offer
  - Acc Customer
  - JOA

Overview Gallery





4. Photographer portofolio



Photographer Portofolio

Frontend

Language = **Next.js**

Repository link:

https://github.com/jenniferoentoro/JoyJourney

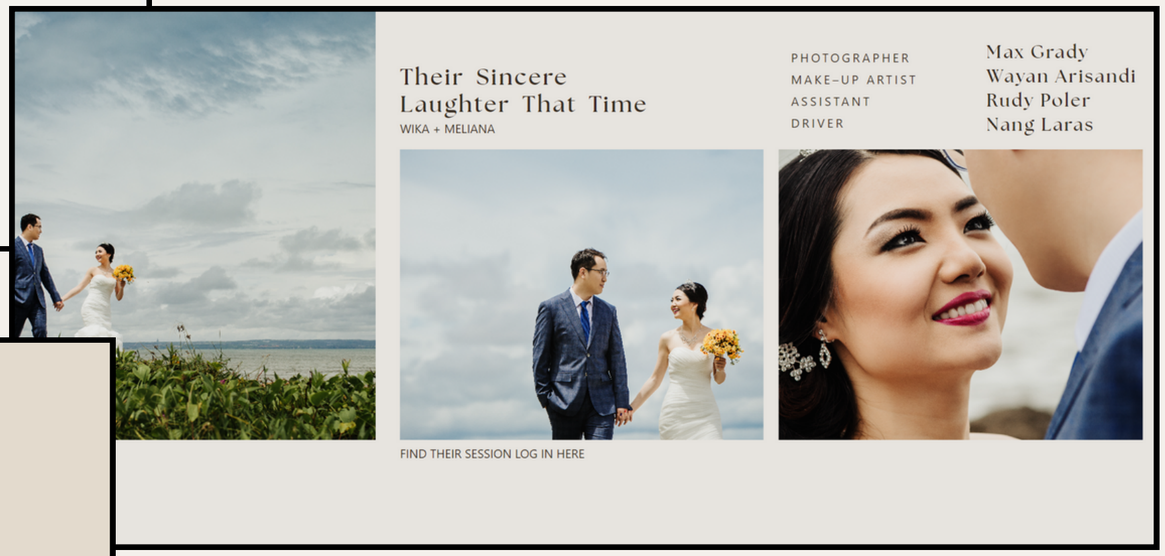
Backend

Using wordpress

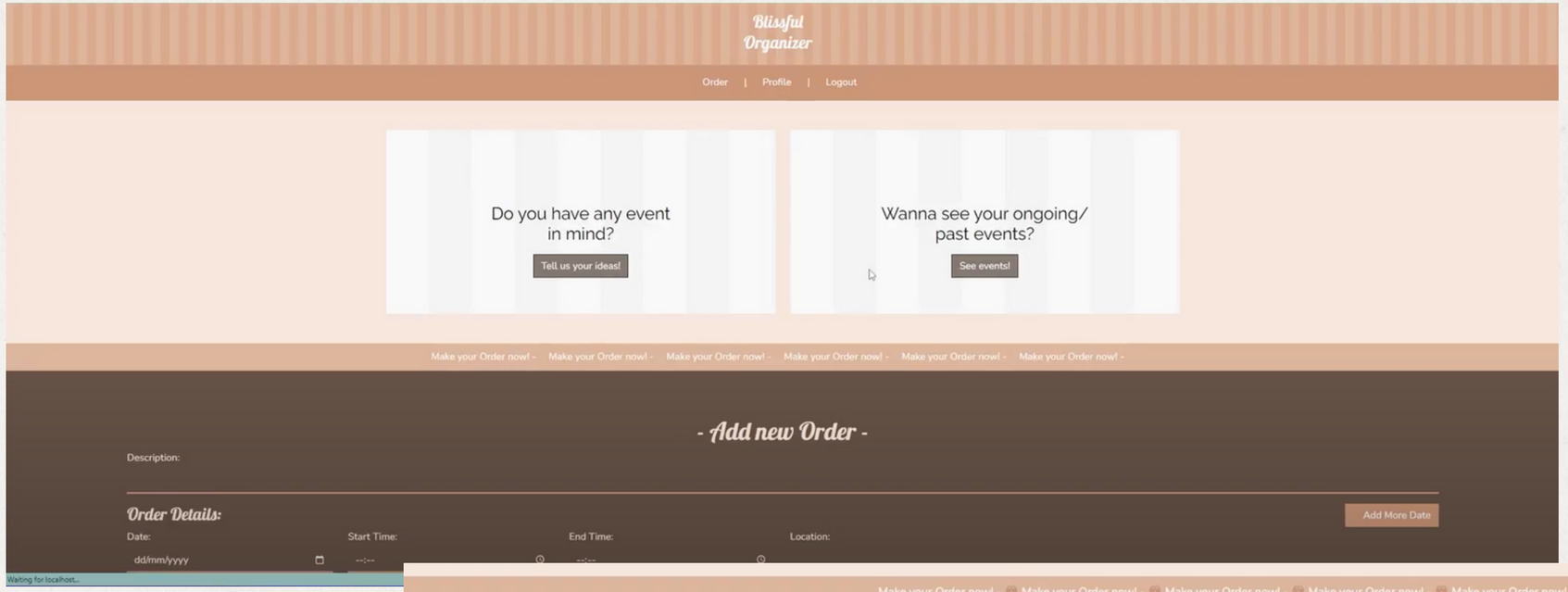
Features

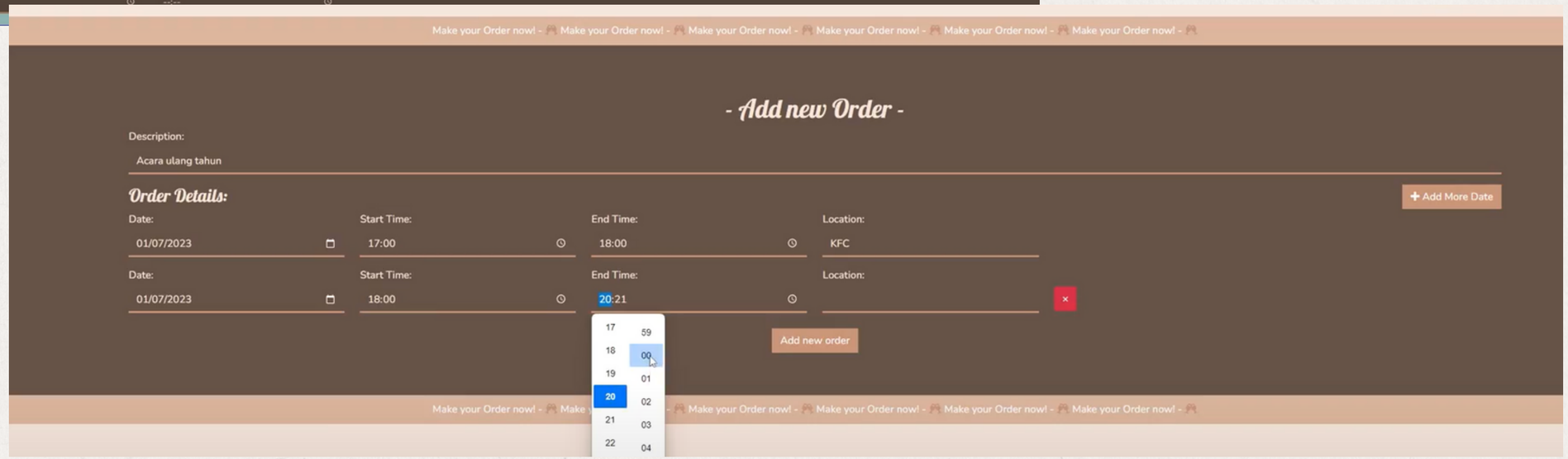
- Moment into your present
- Our ways of approach
- What we offer
- One for every moment
- What they say
- Common FAQ
- Dashboard
- Album

Overview Gallery



5. Event Management





Event management

Frontend

Technology = **HTML, CSS, JS, PHP, bootstrap**

Repository link:

hhttps://github.com/jenniferoentoro/SOA_UAS

Backend

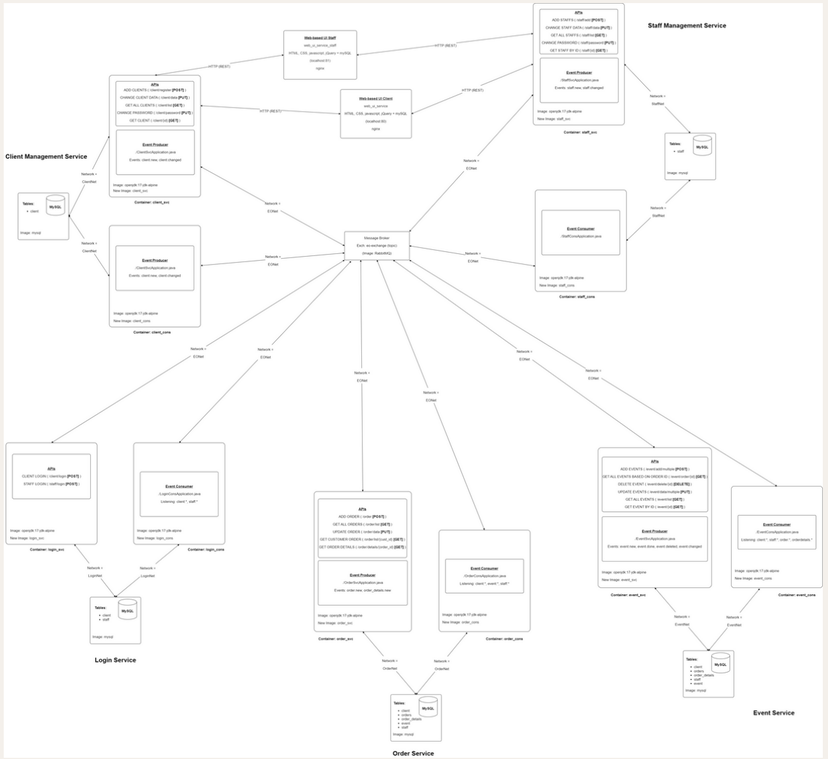
Microservices

Language = Java (Spring boot)

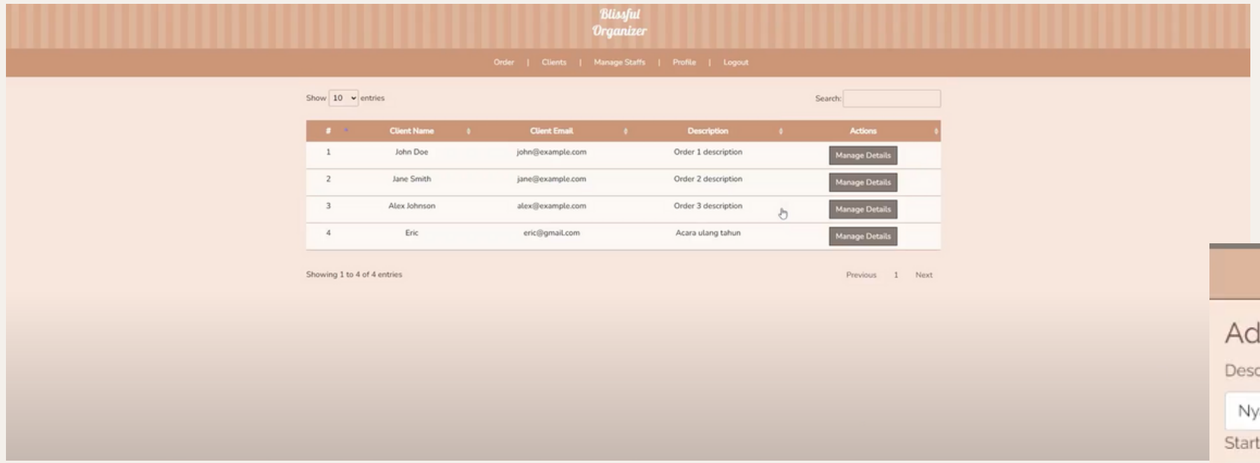
Repository link:

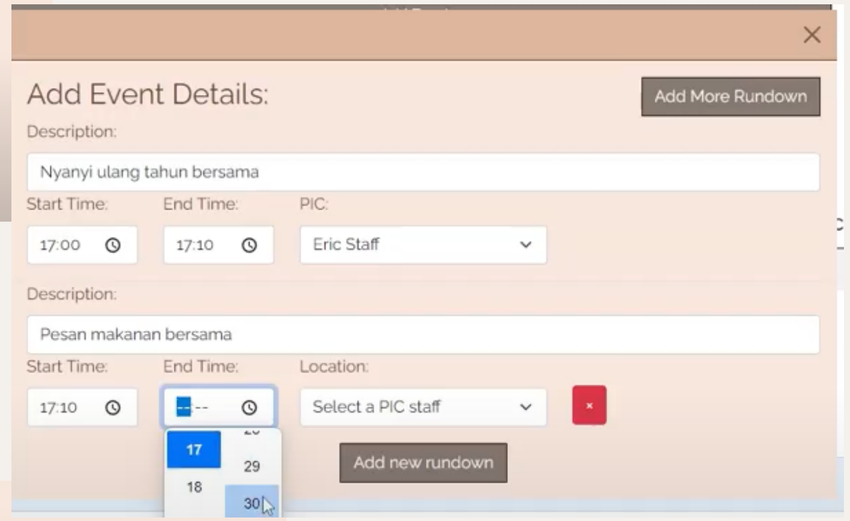
https://github.com/jenniferoentoro/SOA_UAS

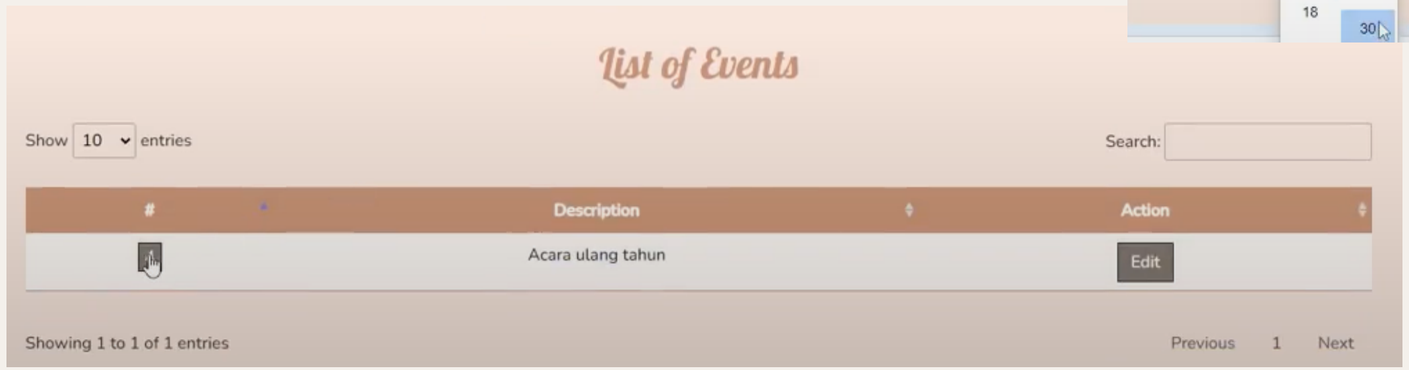
Diagram



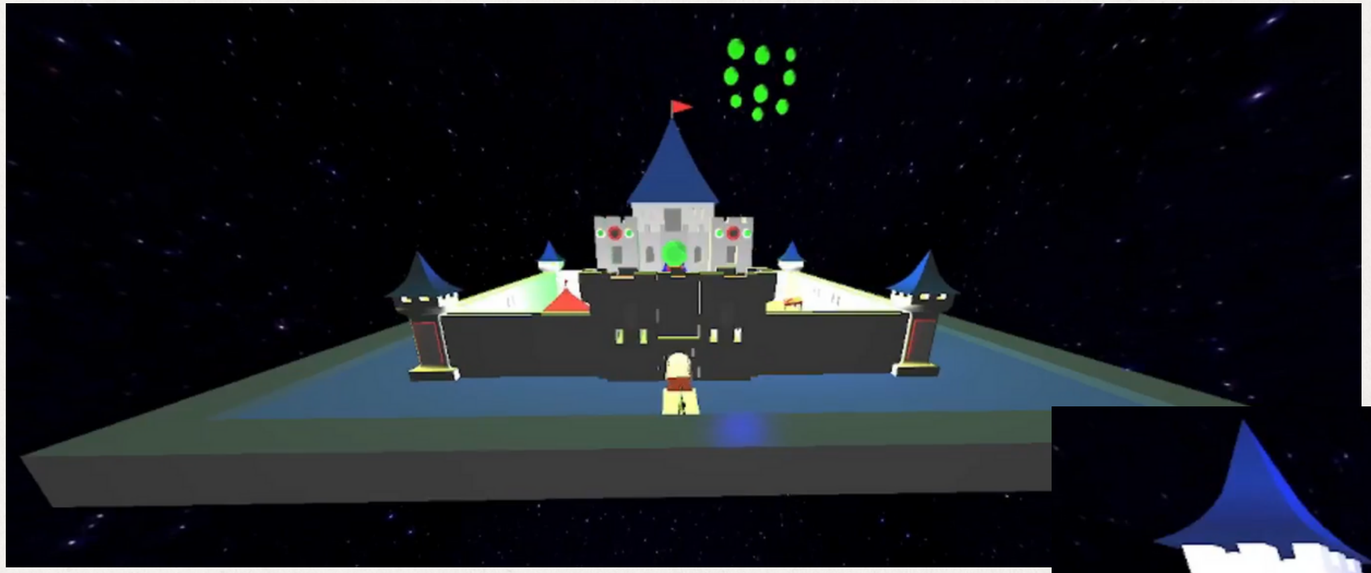
Overview Gallery







6. 3D Computer Graphic (Disney castle)

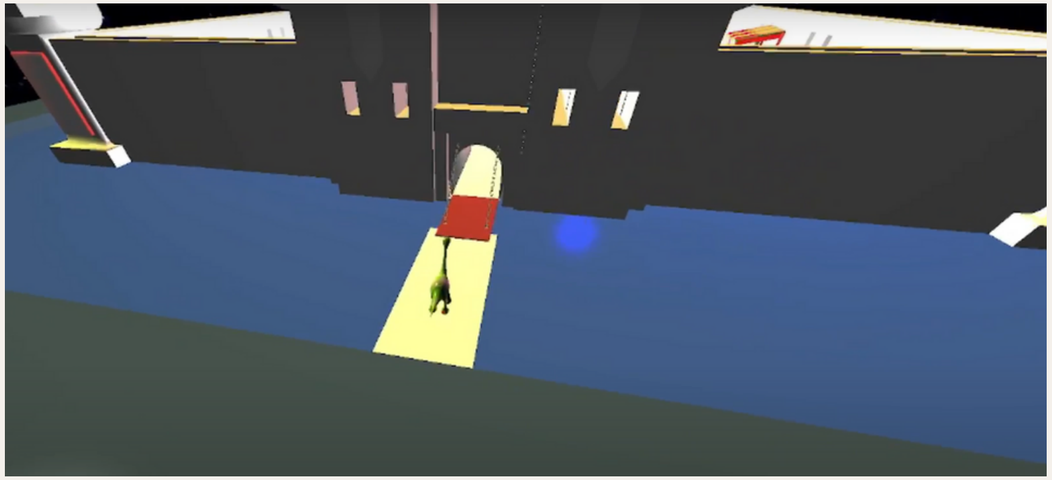


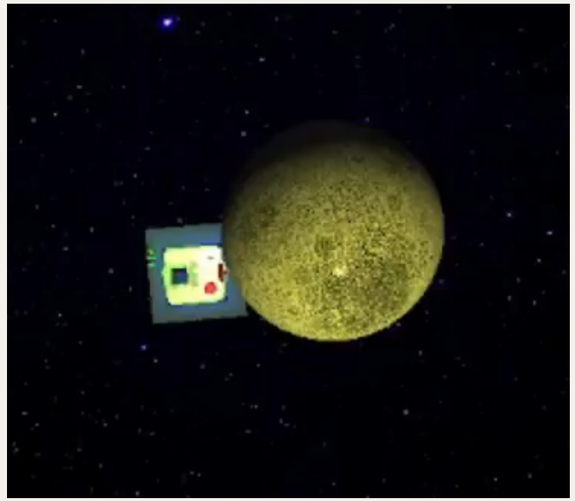
Description

Embark on a captivating 3D computer graphic adventure set in the magical realm of Disney castle. Behold a majestic castle adorned with vibrant hues and intricate details, while a lifelike dinosaur roams gracefully around its perimeter, enchanting spectators with its mesmerizing stride. Delight in the spectacle of numerous luminous sources illuminating every corner, casting a radiant glow upon this fantastical world

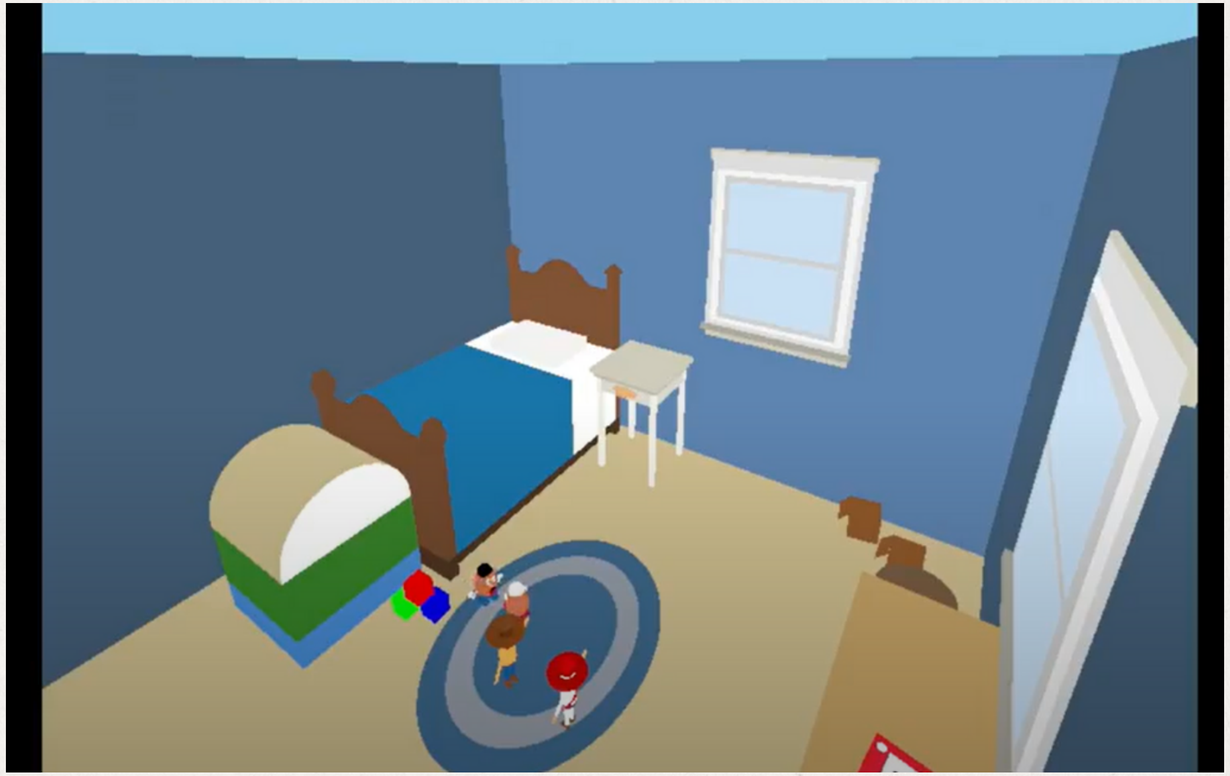
Technology: C#
Repository link: **https://github.com/jenniferoentoro/DisneyCastle**
Link video: **https://drive.google.com/file/d/199km-C2_n9WZw4N-M3iSqlSpK6gyWywn/view**

Overview Gallery





7. 3D Computer Graphic (Woody)

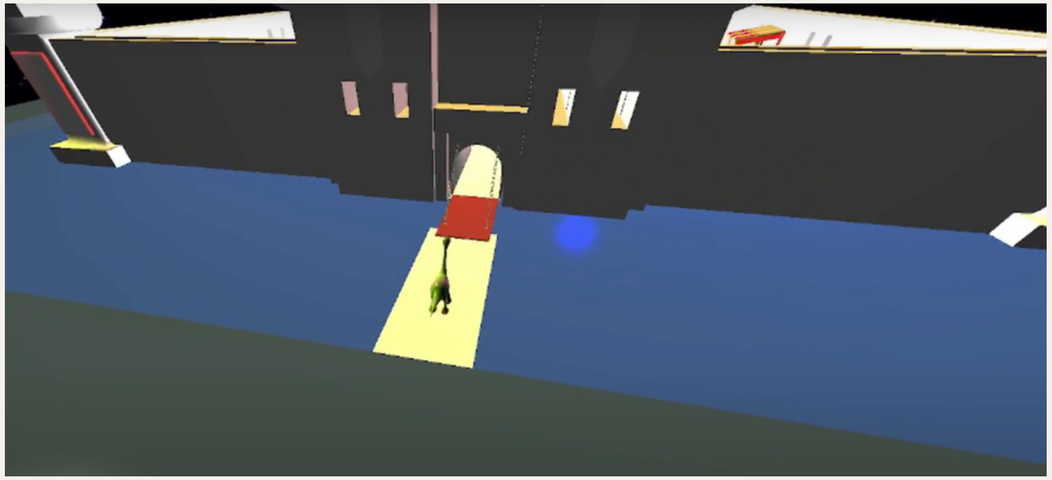


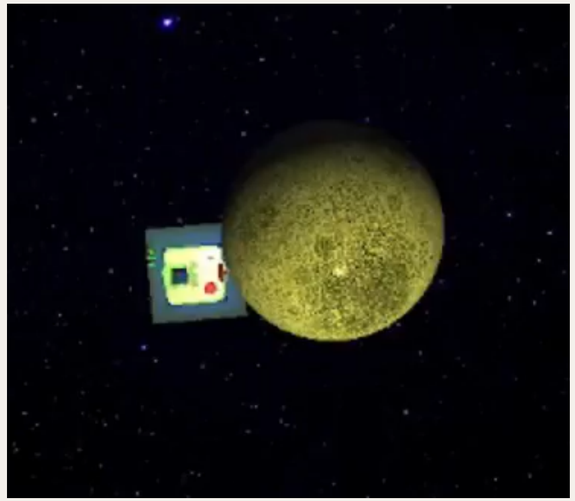
Description

WoodyWorld is an ambitious 3D graphic computer project that immerses users into a captivating world with a woody theme. Blending cutting-edge graphics technology with captivating animations, WoodyWorld aims to transport users into a realm where nature's beauty meets digital innovation.

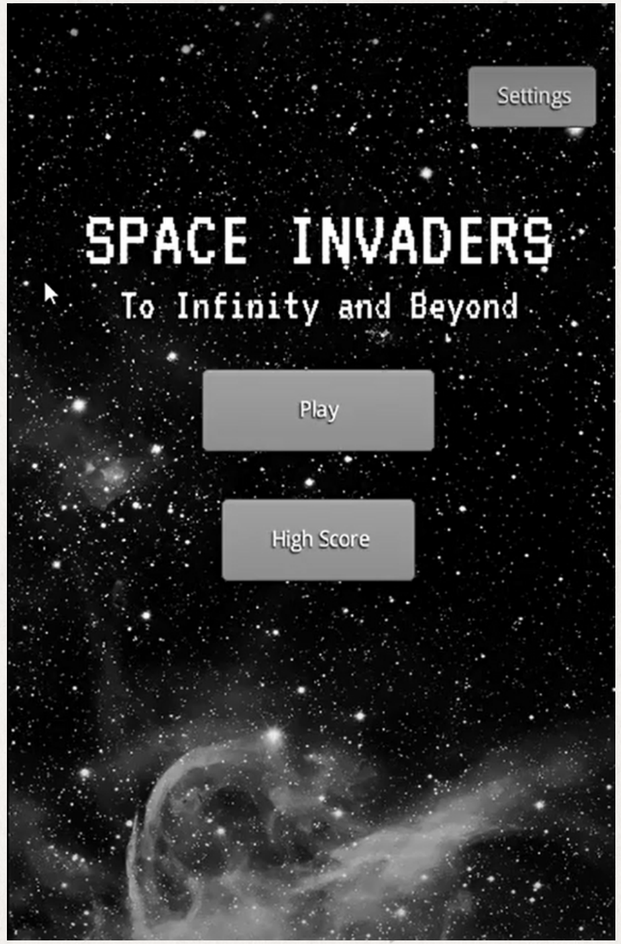
Technology: C#
Repository link: **https://github.com/jenniferoentoro/Woody**
Link video: **https://drive.google.com/file/d/199km-C2_n9WZw4N-M3iSqlSpK6gyWywn/view**

Overview Gallery





8. Space Invaders



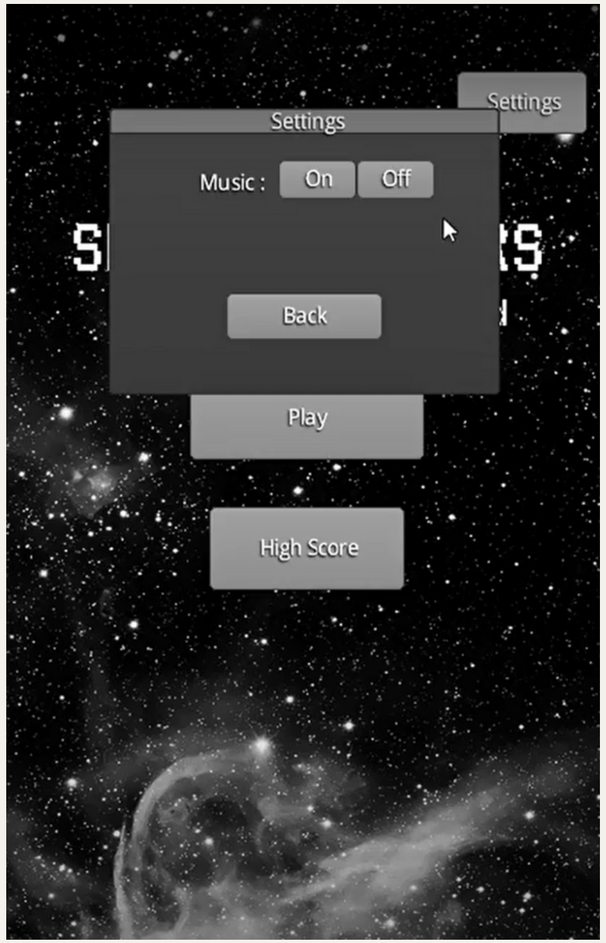
Space Invaders

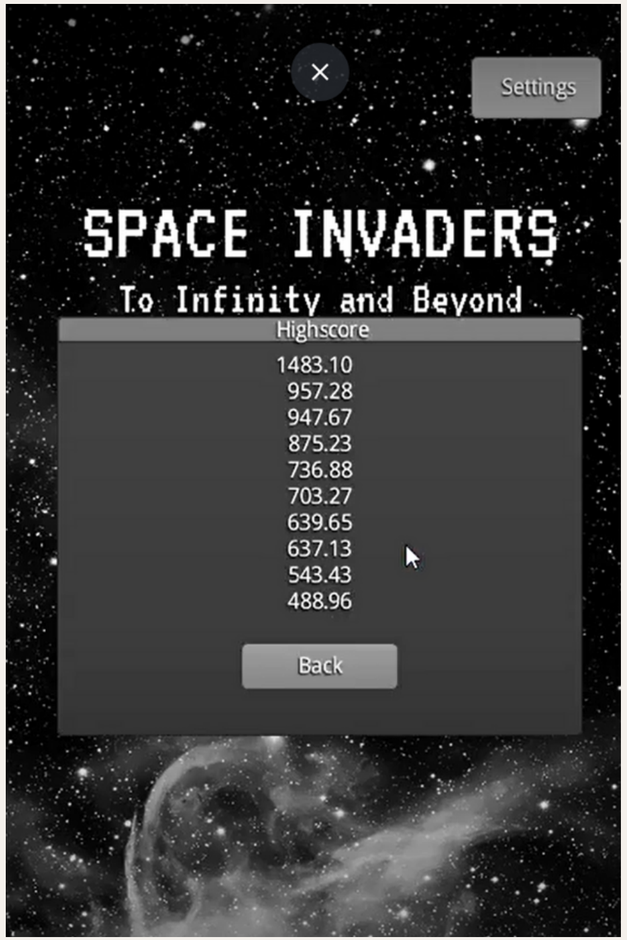
Description

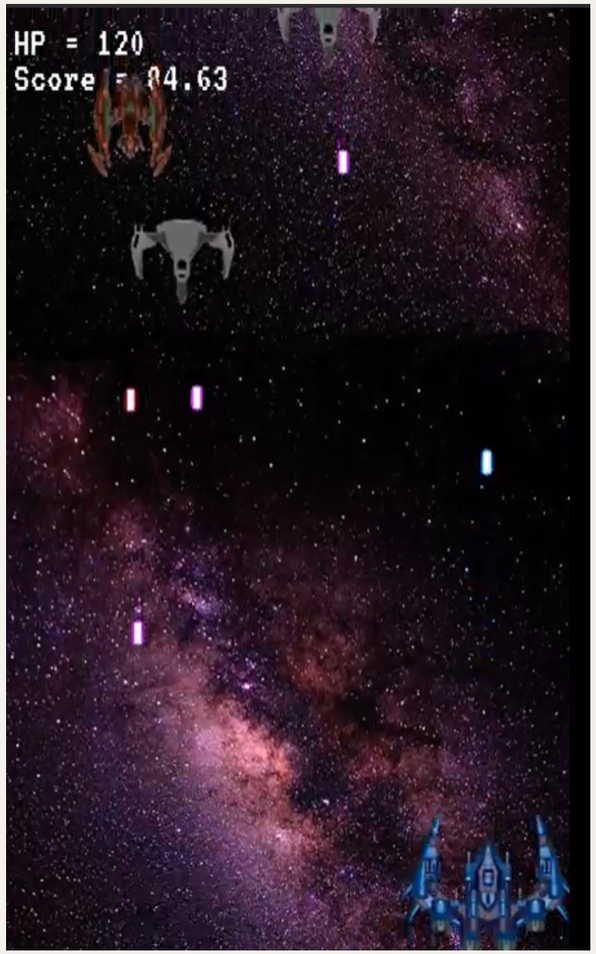
"Invade the Space" is a dynamic and engaging space-themed game developed using the Java LibGDX framework, showcasing my proficiency in game development and programming skills. In this project, I meticulously crafted a captivating gaming experience, complete with essential features such as a loading screen, two levels, top score tracking, a countdown timer, and a health point (HP) system and music.

Technology: Java Libdgx
Repository link: **https://github.com/jenniferoentoro/space-invaders**
Link video: **https://drive.google.com/file/d/199km-C2_n9WZw4N-M3iSqlSpK6gyWywn/view**

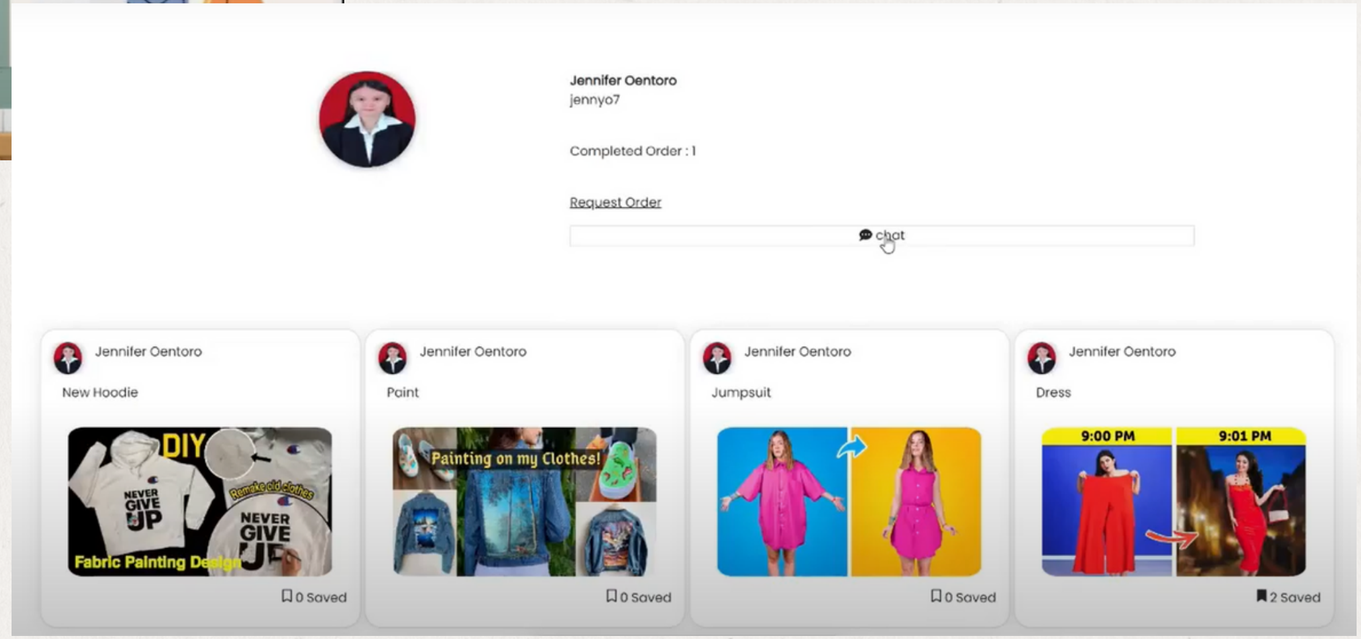
Overview Gallery







10. Green Web Technology

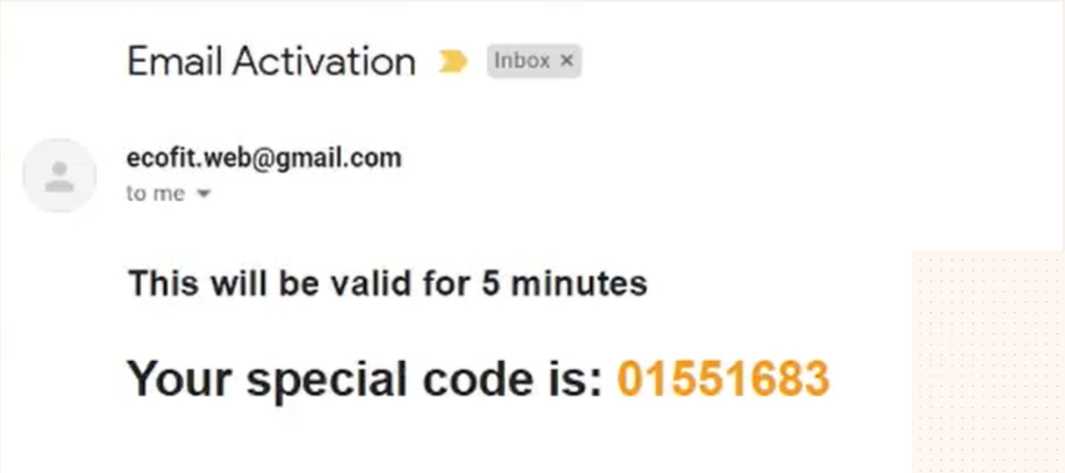


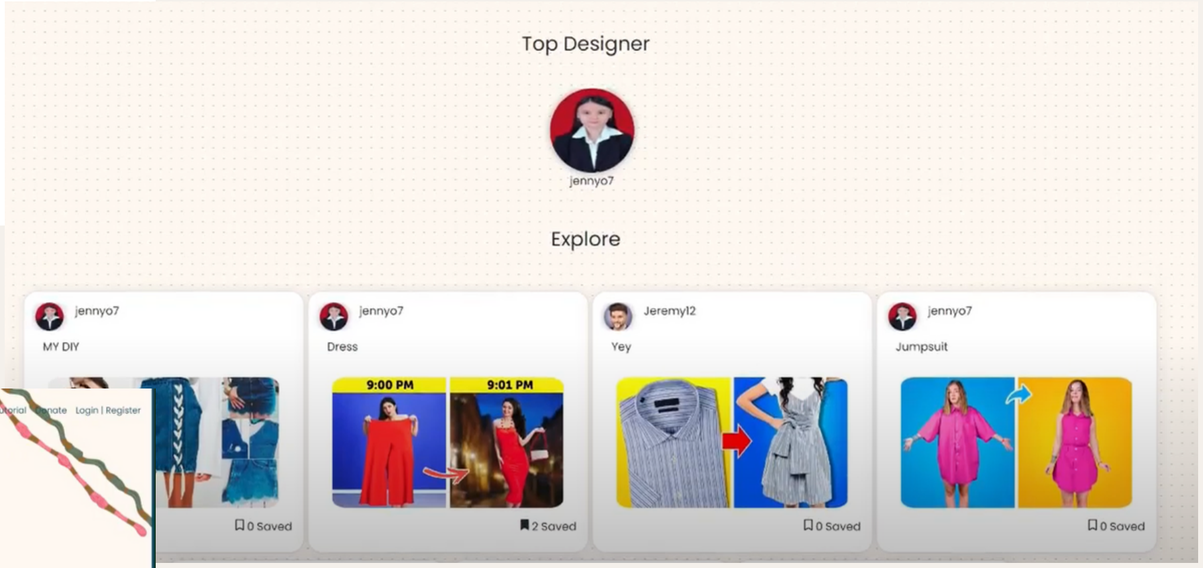
Description

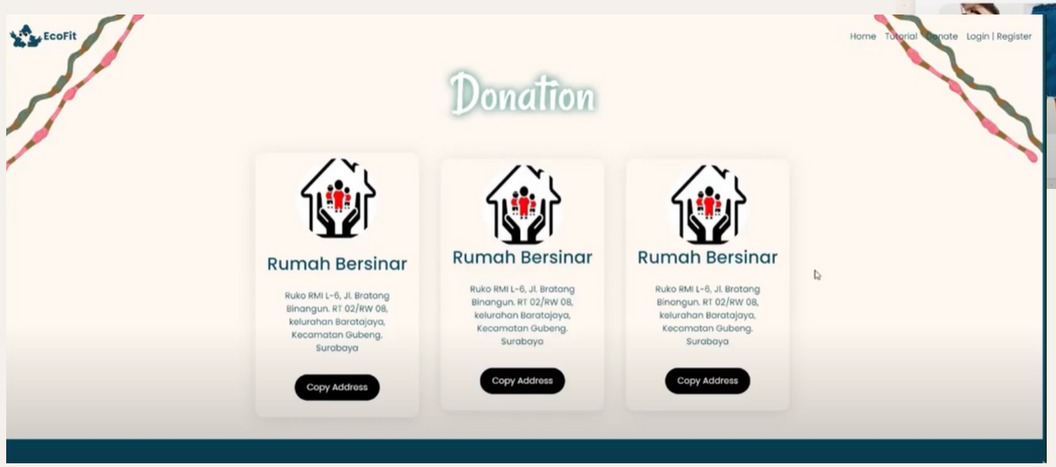
EcoFit is a groundbreaking initiative aimed at transforming the fashion industry by harnessing the power of sustainable web technology. With EcoFit, users have access to a convenient online platform where they can renew their wardrobe sustainably, creating eco-friendly outfits while reducing their environmental footprint.

Technology = **HTML, CSS, JavaScript, jQuery, PHP, bootstrap, mySQL**
Repository link: **https://github.com/jenniferoentoro/GreenWebFaith**

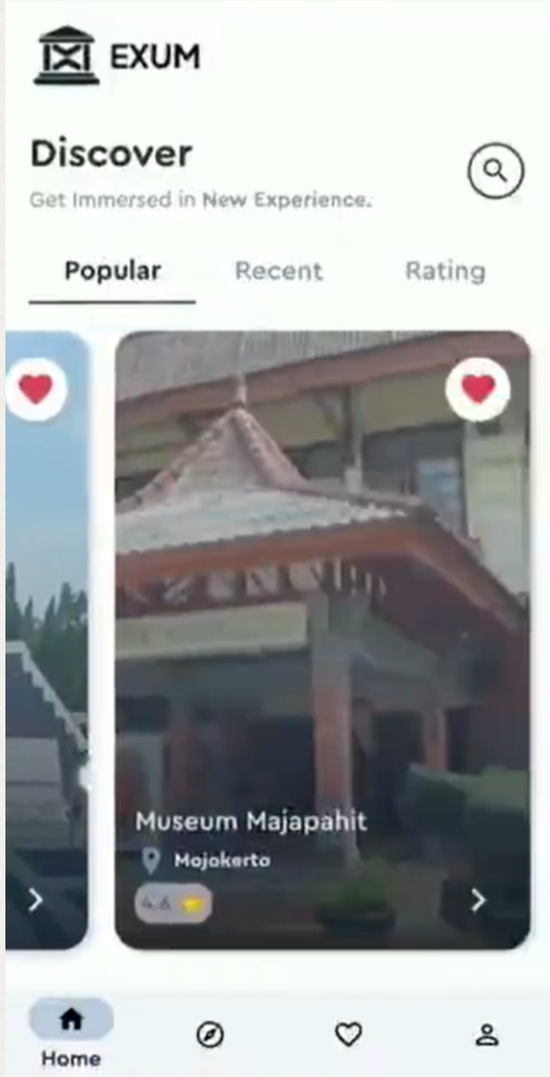
Overview Gallery







11. Museum App



Museum App

Frontend

Technology = **Flutter dart**

Repository link:

https://github.com/jenniferoentoro/MuseumApp

Backend

Microservices

Language = Laravel (PHP)

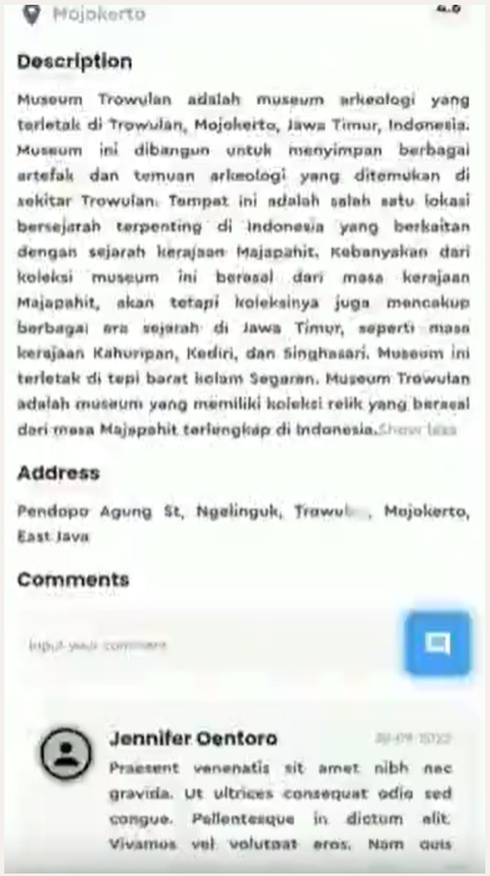
Repository link:

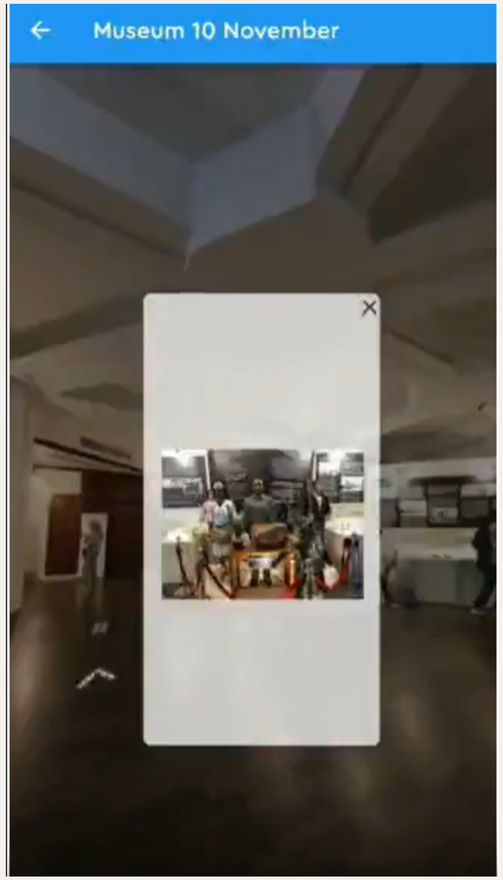
https://github.com/jenniferoentoro/MuseumAppAPI

Features

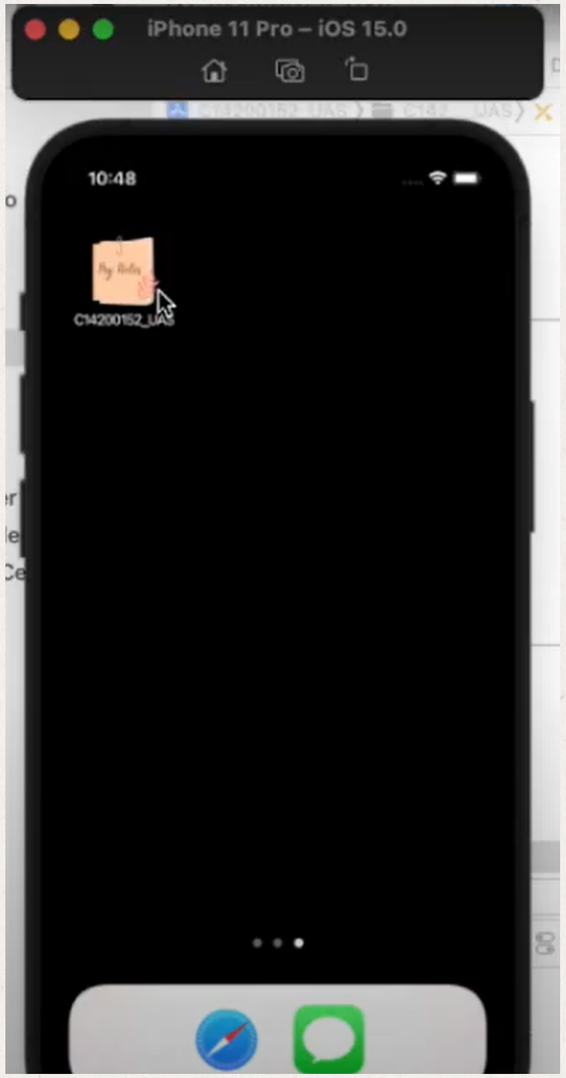
- See 360 museum
- Favorite
- Comment

Overview Gallery





12. Notes App


iPhone 11 Pro – iOS 15.0
10:48
C14200152_UAS

iPhone 11 Pro – iOS 15.0
10:48
My Notes
No Notes Yet

Description

Swift Notes is a sophisticated and user-friendly notes app developed entirely using Swift, showcasing my proficiency in iOS app development and Swift programming. With a clean and intuitive user interface, Swift Notes offers a seamless note-taking experience for users on the go, complete with essential features for organizing, editing, and managing notes efficiently.

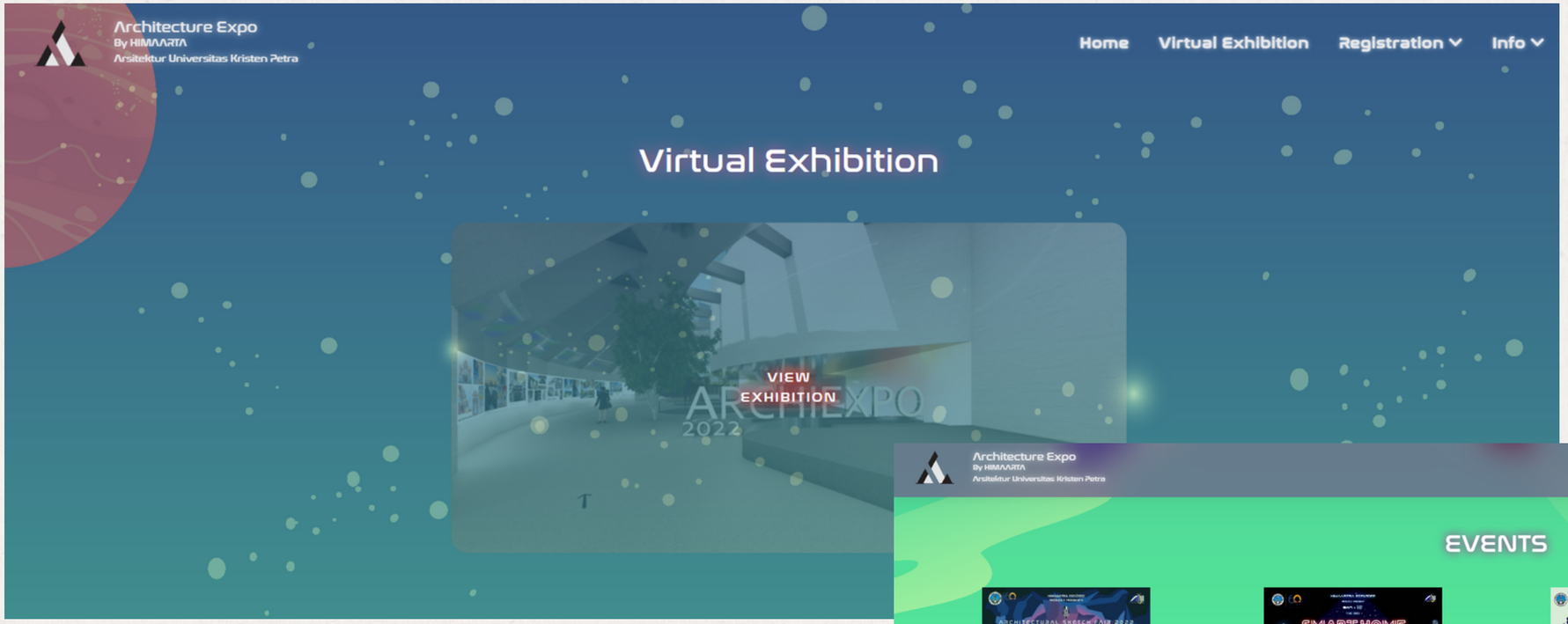
Technology = **Swift IOS**

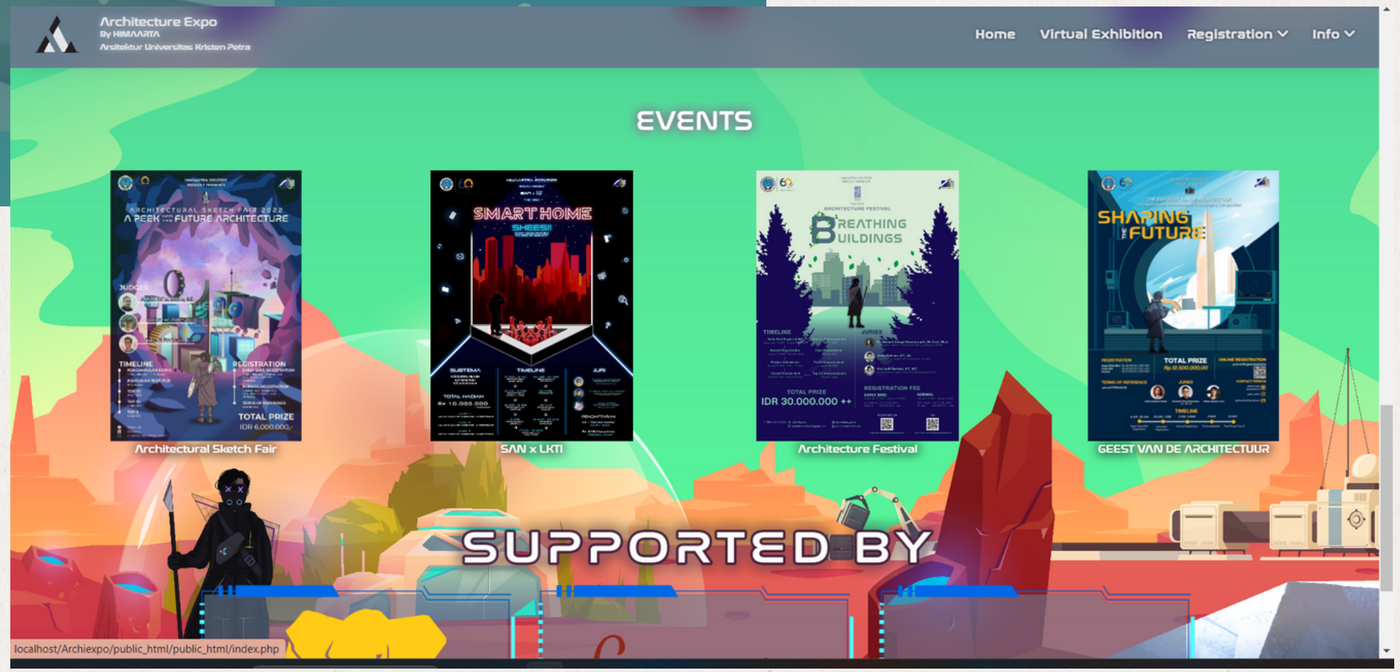
Repository link:

https://github.com/jenniferoentoro/notes-app

Overview Gallery

13. Architecture Expo





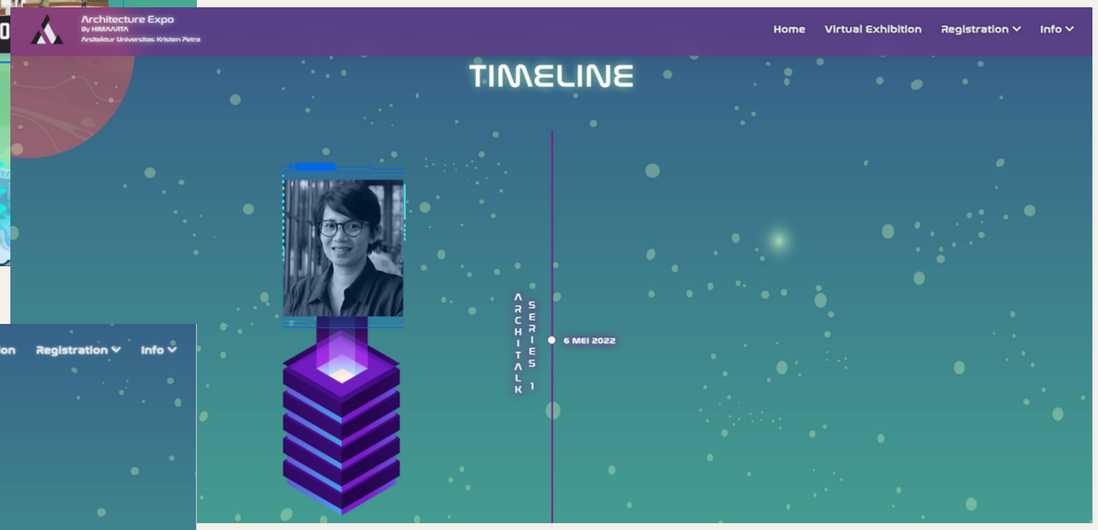
Description

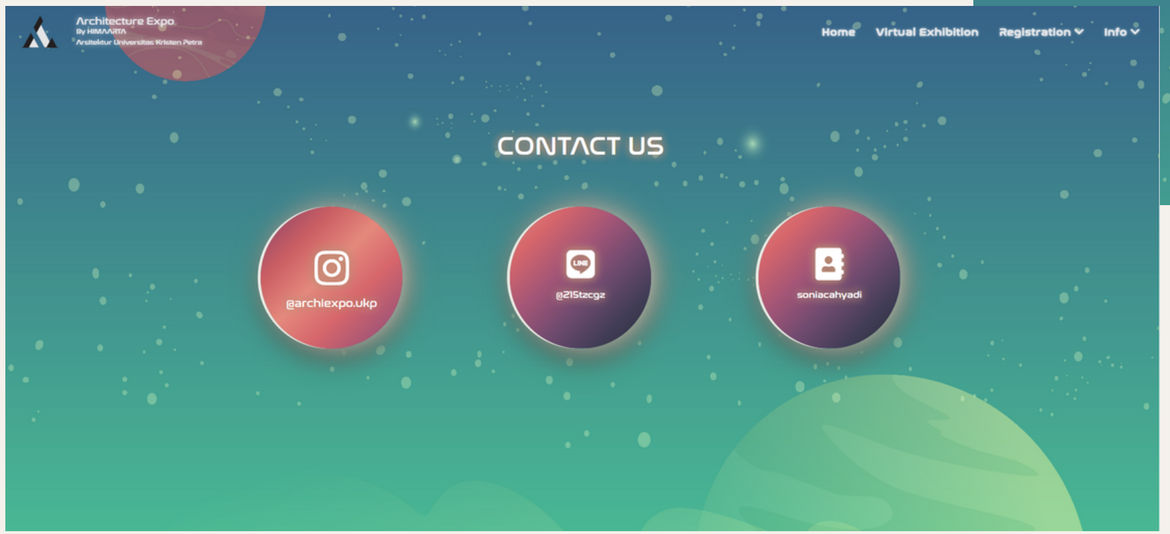
Designed and developed a dynamic website to showcase the Architectural Expo, the premier event at Petra Christian University, catering to the architecture major's largest audience

Technology = **HTML, CSS, JavaScript, jQuery, PHP, bootstrap, mySQL**

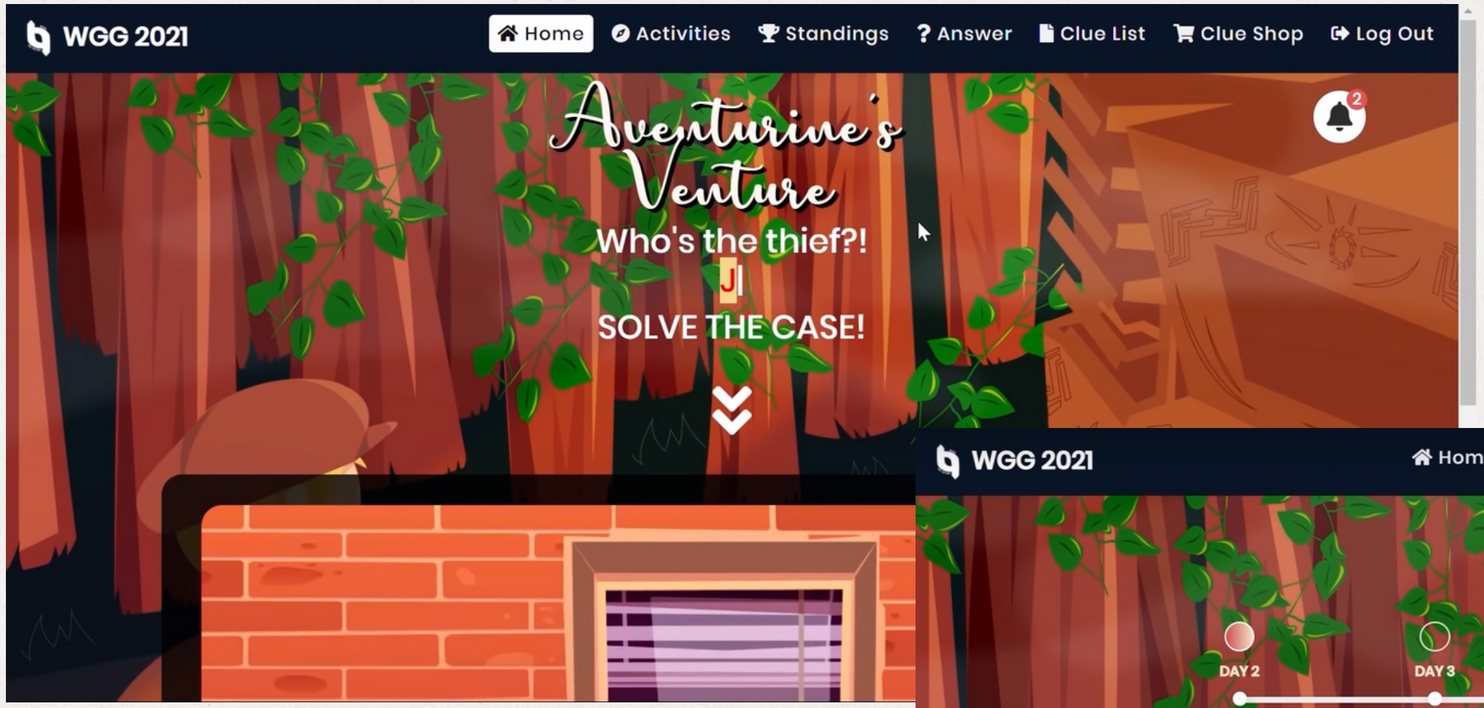
Repository link: **https://github.com/jenniferoentoro/archiexpo**

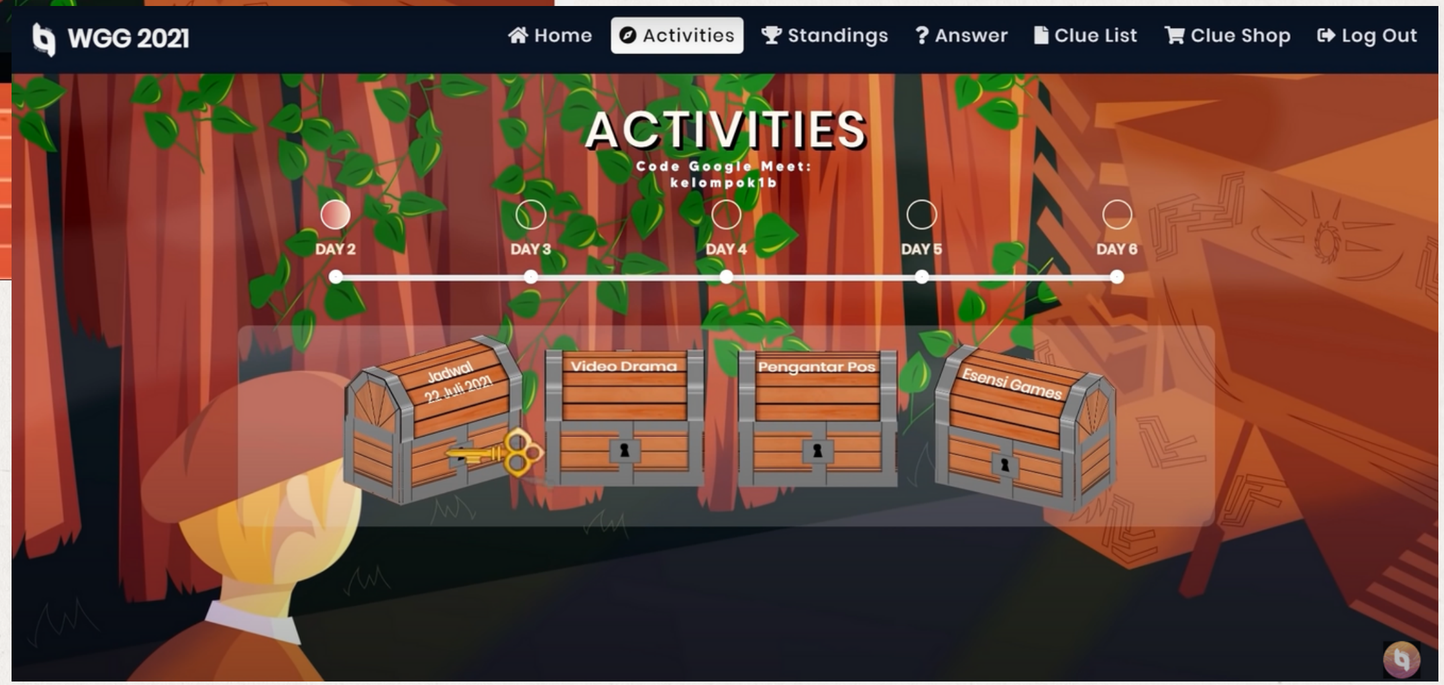
Overview Gallery





14. Rally Games





Rally games

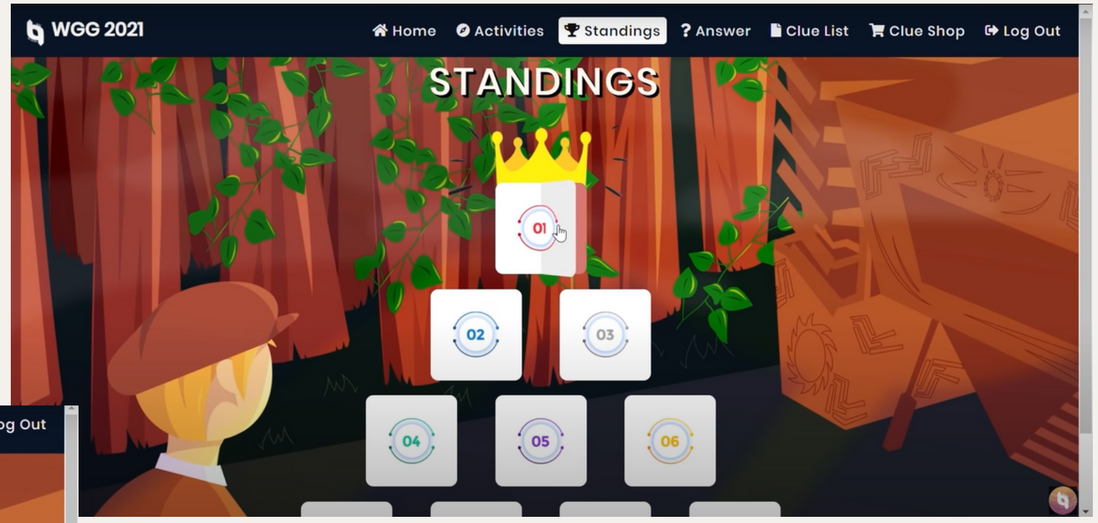
Description

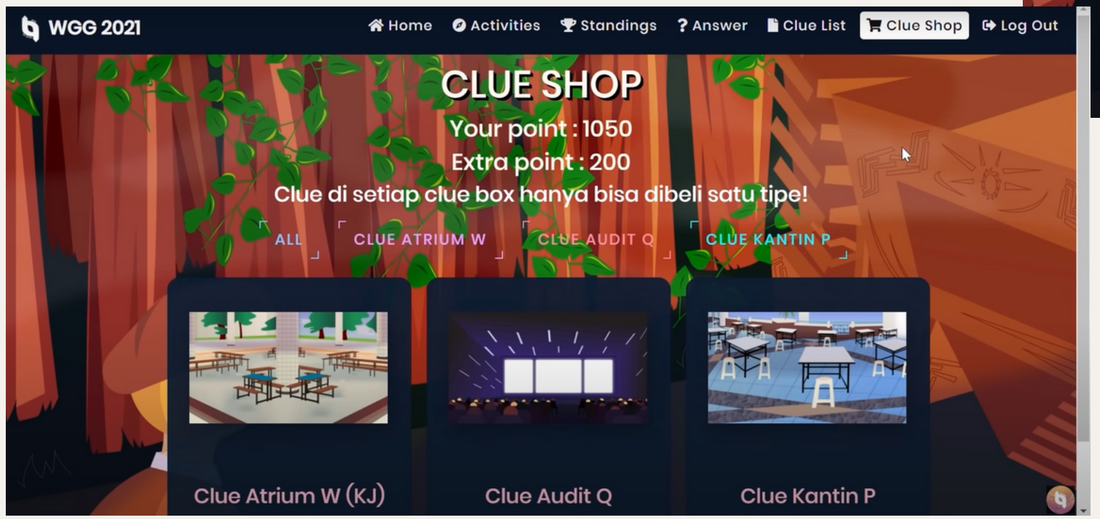
Developed an interactive website tailored specifically for the Rally Games section of the New Bath Students 2021 event, providing participants with essential information and engaging features to enhance their experience

Technology = **HTML, CSS, JavaScript, jQuery, PHP, bootstrap, mySQL**

Repository link: **https://drive.google.com/drive/folders/1wNj8ZGRZITLC-djqiJDsYpcLgA4LoulX?usp=sharing**

Overview Gallery





15. Machine Learing

Description

This project serves as a Mobile Phone Pricing Advisor, benefiting both buyers and manufacturers. Utilizing machine learning algorithms, it assists buyers in determining whether the price of a desired mobile phone aligns with the offered hardware specifications. Simultaneously, it aids manufacturers in optimizing pricing strategies for new mobile phone launches, ensuring competitiveness and effective market positioning.

Details:

1. **Regression**
    a. **Cleaning, preprocessing, transformation, feature extraction, feature selection, split data**
    b. **Method: Multiple Linear Regression, Lasso Regression (L1 Regularization), Ridge Regression (L2 Regularization), Elastic-Net Regression**
    c. **Calculate accuracy, F1-Score, RMSE, AUC**
    d. **Compare the best method**

Project link: https://colab.research.google.com/drive/1mDRZu4XojpjD_Ah3UYLOevTNI2-T8eF4?usp=sharing

Other Projects

- Museum 360: https://github.com/jenniferoentoro/360-museum
- Surabaya 4 universities event: https://github.com/jenniferoentoro/surabaya-epik
- Android project: https://github.com/jenniferoentoro/KrisCargoAndroid