WeSave

Final Project Web Programming - Group 4

Group Member :

1. 2702327116 - Evan Fanuel
2. 2702373425 - Ikhsan Maulana Putra
3. 2702240891 - Vincent Antonio Ekachandra
4. 2702359502 - Prince Lukas Marpaung
5. 2702378363 - Vincent Jeremy Mandang

I. Introduction

A. Background

The rapid development of information technology has increased the demand for applications that can assist users in managing activities more effectively and efficiently. One of the most widely used solutions is web-based applications, which can be accessed easily through a browser without requiring installation on the user's device.

WeSave is a web-based application developed using the **Laravel framework**, designed to provide a structured, secure, and user-friendly system for managing application data and processes.

B. Objective

The objectives of developing the WeSave application are as follows :

- To provide a web-based application that is easy to use
- To simplify data management processes for users
- To implement Laravel as a modern backend framework
- To create an application that is maintainable and scalable

II. Application Overview

WeSave is a web application built on the Laravel framework that adheres to the Model-View-Controller (MVC) architectural pattern. This architecture maintains a clear separation of application functionality, user interface, and data administration.

The application is accessible through a web browser and contains a user authentication system to ensure data protection and controlled access.

a. Technologies

Technology	Description
Laravel	Backend framework (PHP)

PHP	Server-side programming language
MySQL	Database management system
HTML, CSS, JS (Front-End)	Frontend technologies
Composer	PHP dependency manager
Node.js, NPM	Frontend asset management

b. Main Features

User Authentications

Consisted of:

- User login system
- Secure logout functionality
- Access control for authorized users

Data Management

Consisted of:

- View data in tabular format
- Add new records
- Edit existing data
- Delete data entries

Application Dashboard

Consisted of:

- Overview of application data
- Easy-to-use navigation menu
- Quick access to core features

Validation and Security

Consisted of:

- Input validation to prevent incorrect data
- Middleware-based access protection
- Secure session management

III. Guides

System Requirements :

- PHP version 8.0 or higher
- Composer
- MySQL or MariaDB
- Node.js and NPM
- Web Server (Apache or Nginx)

Steps :

1. Extract the Project
2. Navigate to the Project Directory
3. Install PHP Dependencies
4. Create Environment File
5. Generate Application Key
6. Configure the Database (Based on the dataset on phpmyadmin (like wesave_app))
7. Run Database Migration
8. Install Frontend Dependencies
9. Run the Application
10. Access the Application

User Guides

Logging into the Application :

- Open the application in a web browser
- Enter your registered email and password
- Click the **Login** button

Managing Data :

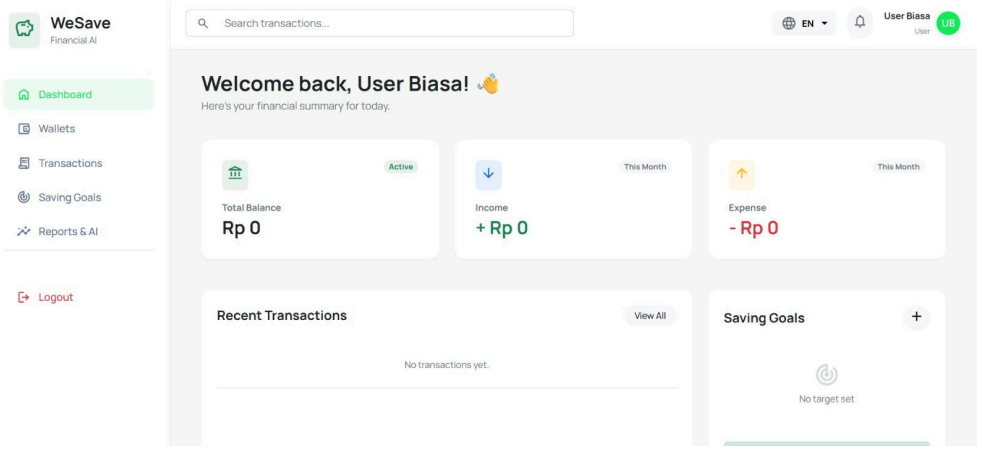
- Navigate to the dashboard
- Select the desired menu
- Add, edit, or delete data as required
- Save the changes

Logging Out :

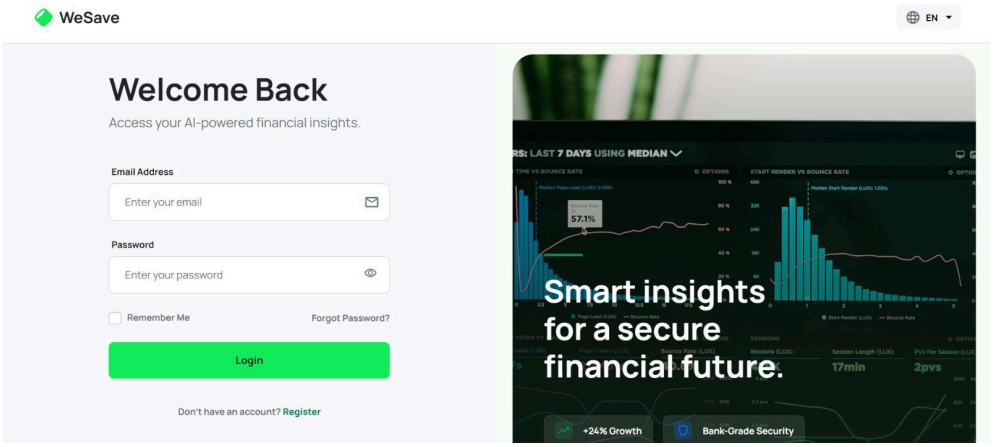
- Click on the user menu
- Select **Logout**
- The system will securely end the session

IV. Application Screenshots

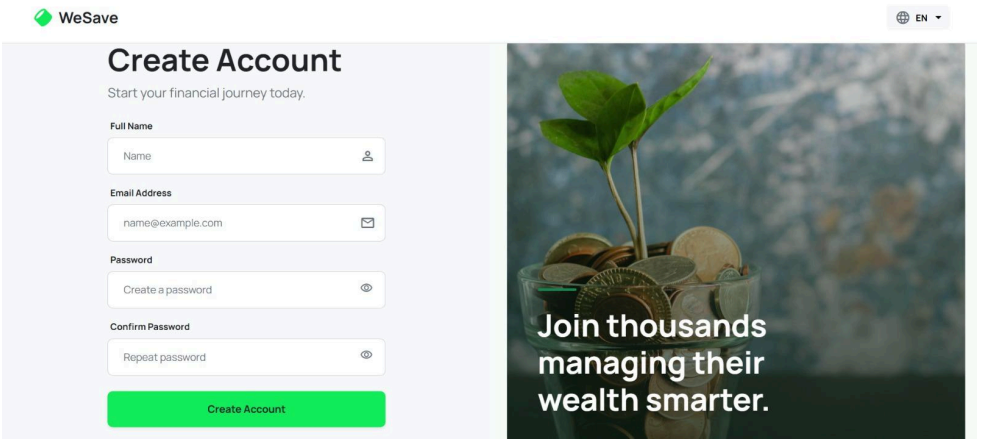
1. Dashboard page



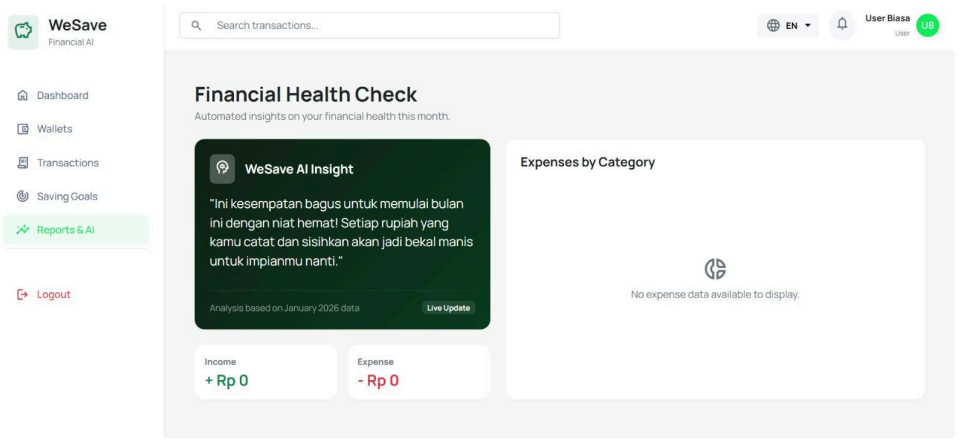
2. Login page



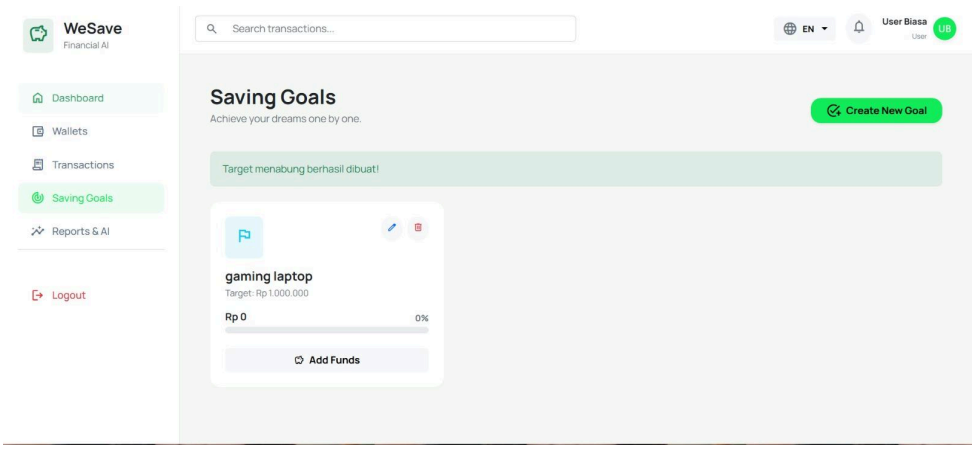
3. Register page



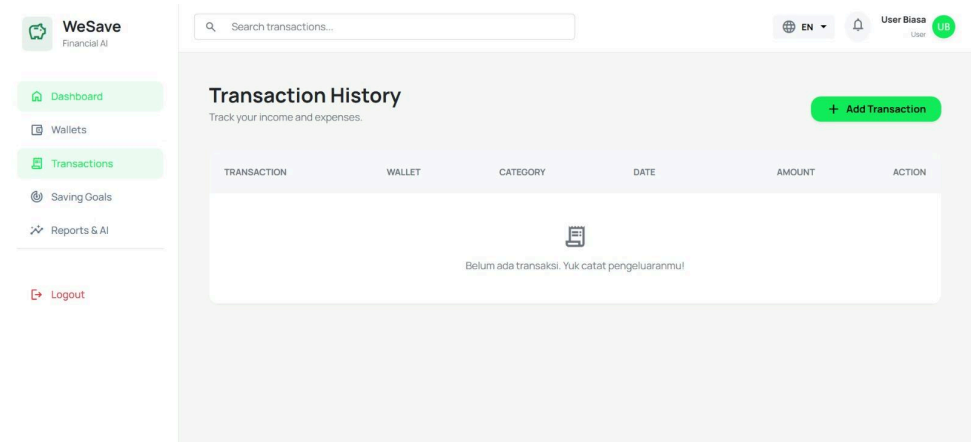
4. Reports page



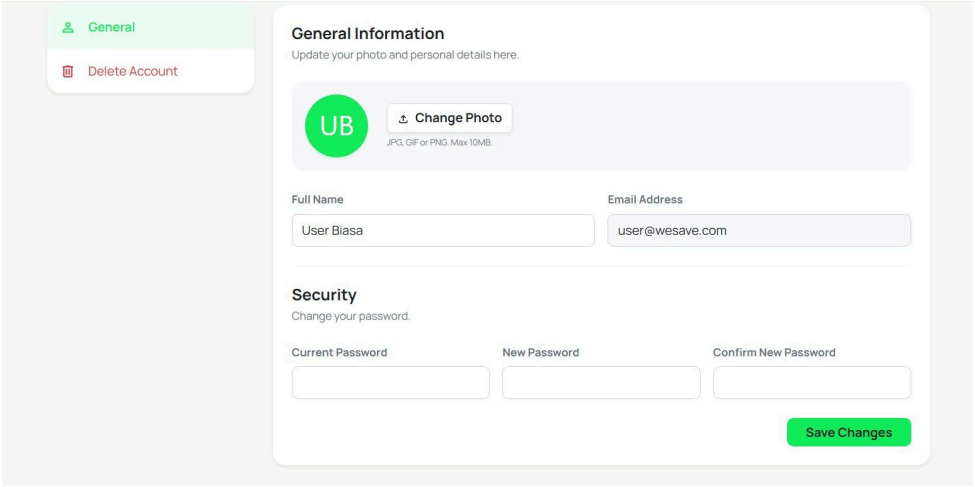
5. Saving Goal page



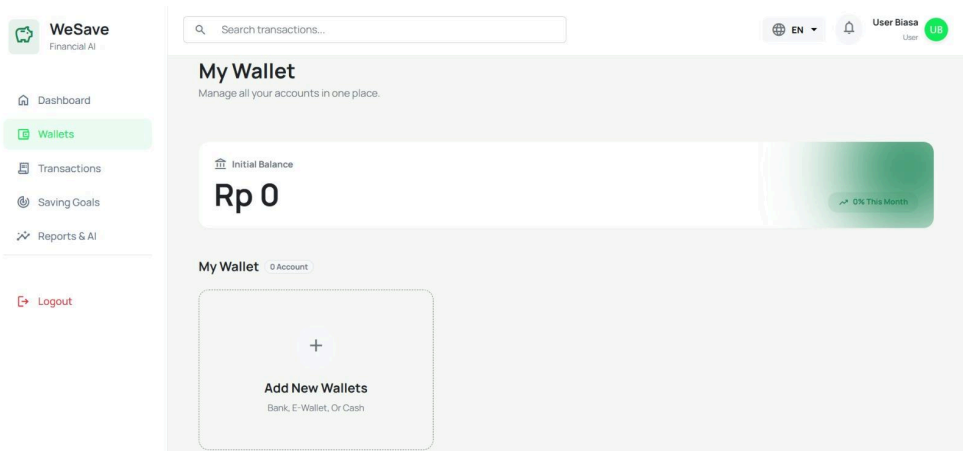
6. Transaction page



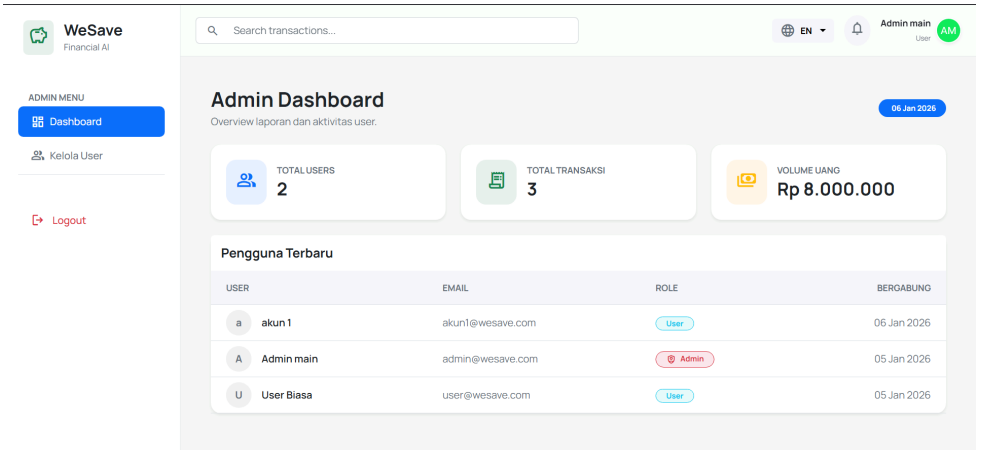
7. User Profile page



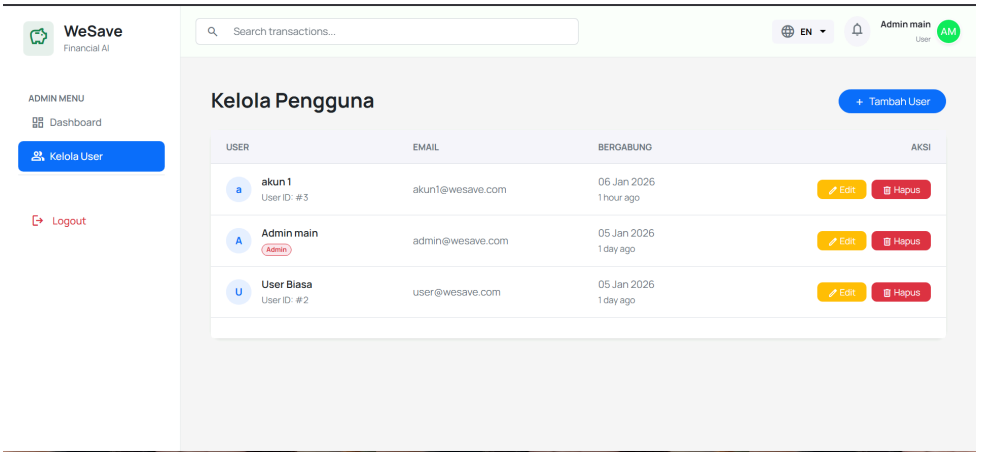
8. Wallet page



9. Admin Dashboard (Admin Account)

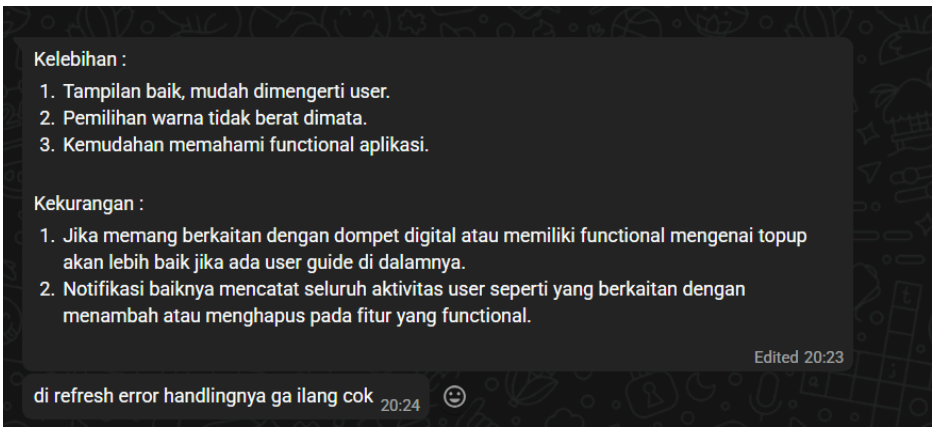


10. Kelola User (Admin Account)

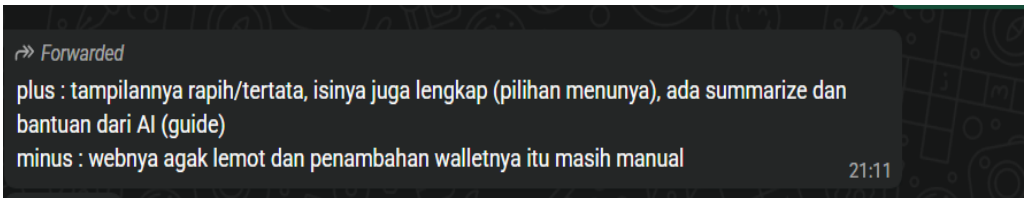


V. FeedBack Users

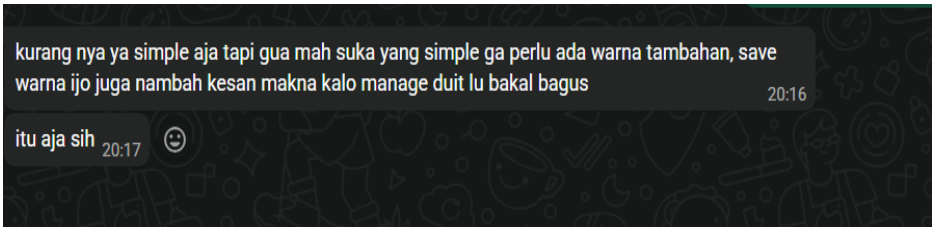
1.Henokh Mahasiswa IT di Politeknik Negri Jakarta



2.Boze Mahasiswa di Universitas Brawijaya



3.Yohanes Mahasiswa di Universitas Bina Sarana Informatika



VI. Conclusion

WeSave is a Laravel-based online application with a simple architecture and key functionality including user authentication, data management, and a dashboard UI. It establishes a firm platform for future expansion and enhancement.