

# WeSave

## Final Project Web Programming - Group 4

Group Member :

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## 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
<a href="#">Node.js</a> , 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 :**

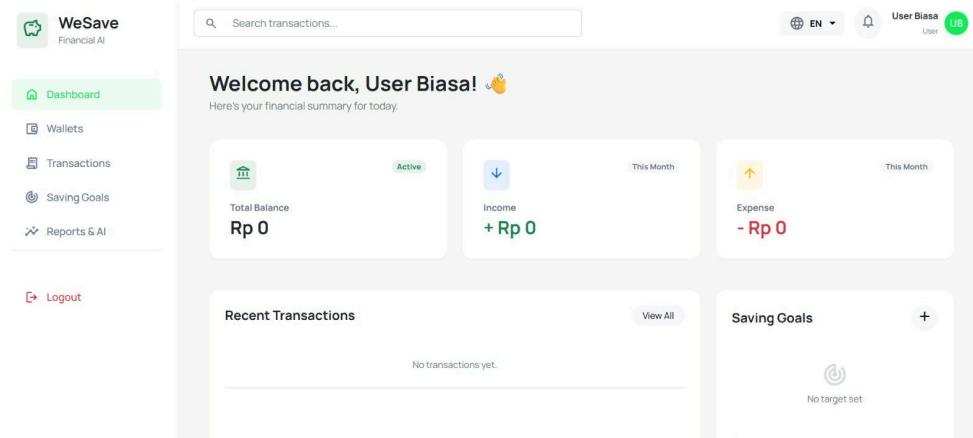
- Navigate to the dashboard
- Select the desired menu
- Add, edit, or delete data as required
- Save the changes

### **Logging Out :**

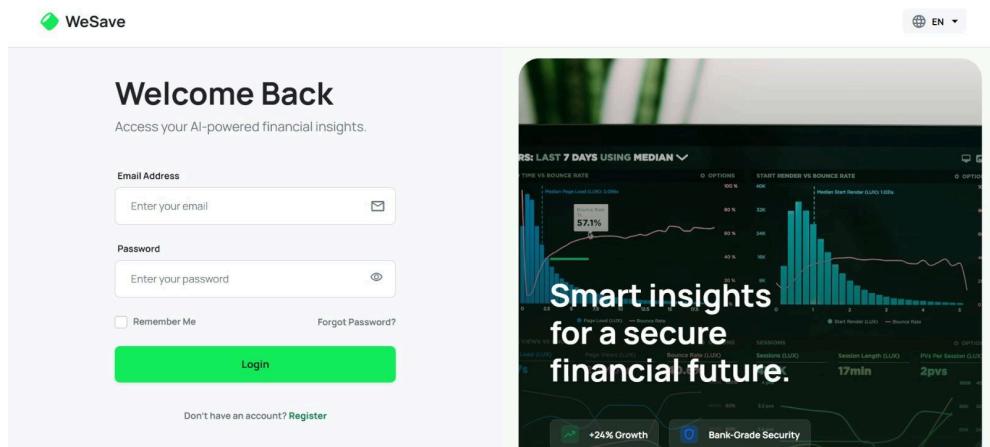
- Click on the user menu
- Select **Logout**
- The system will securely end the session

## **IV. Application Screenshots**

### 1. Dashboard page

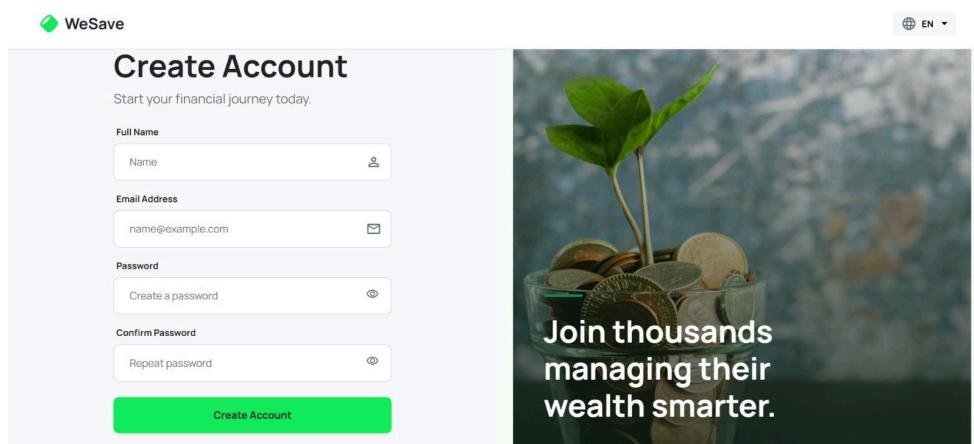


## 2. Login page



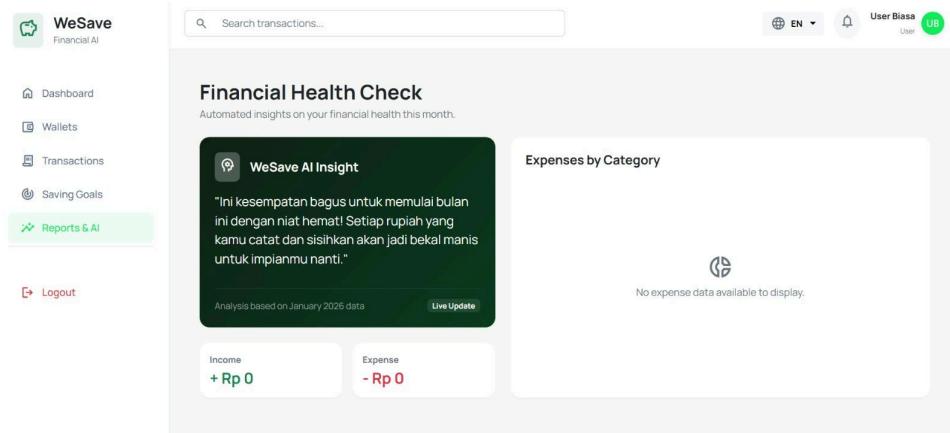
The screenshot shows the WeSave login page. At the top left is the WeSave logo. At the top right are language and user settings. The main heading "Welcome Back" is centered above a sub-headline "Access your AI-powered financial insights." Below this are input fields for "Email Address" and "Password", both with placeholder text "Enter your email" and "Enter your password". There are also "Remember Me" and "Forgot Password?" links. A large green "Login" button is at the bottom. Below the button is a link "Don't have an account? Register". To the right of the login form is a sidebar titled "Smart insights for a secure financial future." It features several charts and metrics: "TIME VS BOUNCE RATE", "OPTIONS 100 %", "START RENDER VS BOUNCE RATE", "SESSIONS", "SESSION LENGTH (LUX)", "PVs Per Session (LUX)", and "Bank-Grade Security". It also highlights "+24% Growth".

## 3. Register page



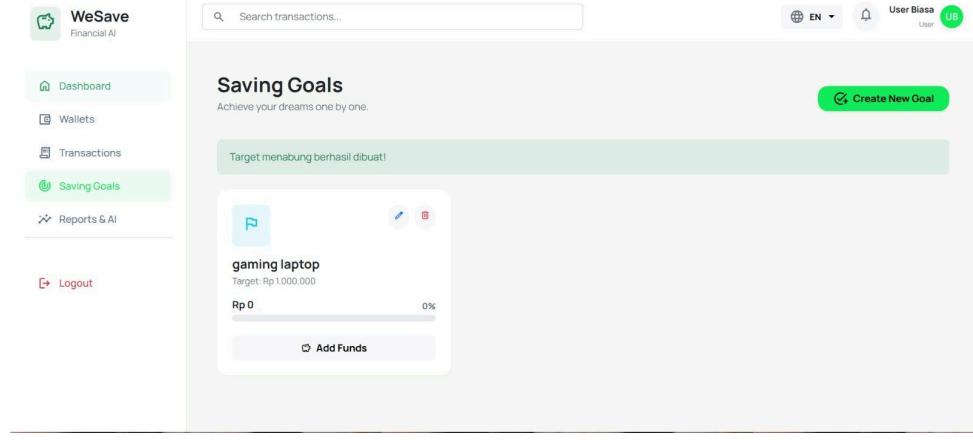
The screenshot shows the "Create Account" page. At the top left is the WeSave logo. At the top right are language and user settings. The main heading "Create Account" is centered above a sub-headline "Start your financial journey today." Below this are five input fields: "Full Name", "Email Address", "Password", "Confirm Password", and "Repeat password". Each field has a placeholder and a small icon. A large green "Create Account" button is at the bottom. To the right is a promotional image of a small plant growing out of a pile of coins in a glass, with the text "Join thousands managing their wealth smarter." overlaid.

## 4. Reports page

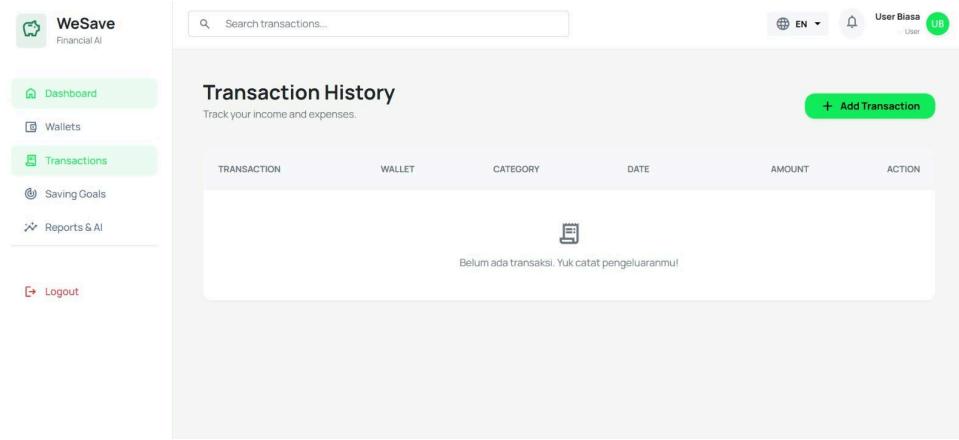


The screenshot shows the "Financial Health Check" page. At the top left is the WeSave logo. At the top right are language and user settings. On the left is a sidebar with navigation links: "Dashboard", "Wallets", "Transactions", "Saving Goals", "Reports & AI" (which is highlighted in green), and "Logout". The main content area has a search bar "Search transactions...". Below it is a dark callout box titled "WeSave AI Insight" containing the text: "Ini kesempatan bagus untuk mulai bulan ini dengan niat hemat! Setiap rupiah yang kamu catat dan sisihkan akan jadi bekal manis untuk impianmu nanti." It also says "Analysis based on January 2026 data" and has a "Live Update" button. To the right is a section titled "Expenses by Category" with a note "No expense data available to display." Below this are two boxes: "Income + Rp 0" and "Expense - Rp 0".

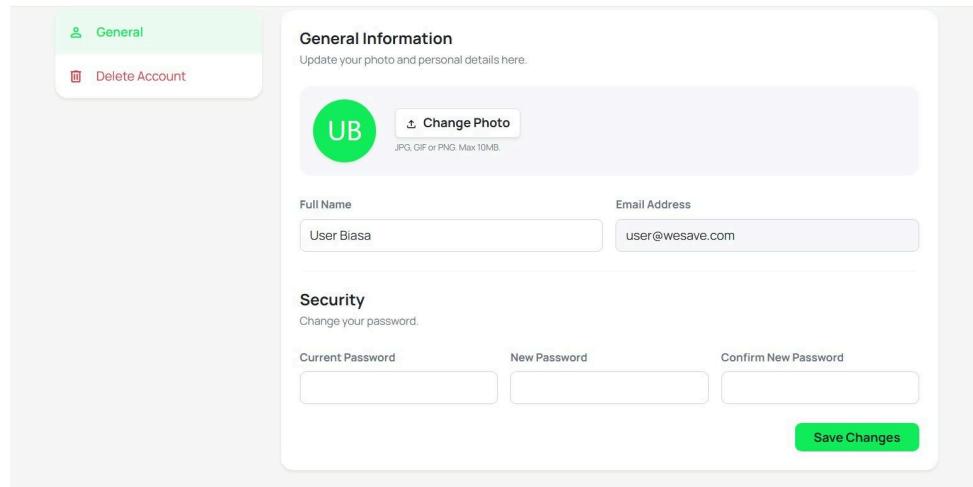
## 5. Saving Goal page



## 6. Transaction page



## 7. User Profile page



## 8. Wallet page

The screenshot shows the 'My Wallet' section of the WeSave app. On the left, a sidebar menu includes 'Dashboard', 'Wallets' (which is highlighted in green), 'Transactions', 'Saving Goals', 'Reports & AI', and 'Logout'. The main area features a search bar at the top with placeholder text 'Search transactions...'. Below it is a large green header with the title 'My Wallet' and the subtitle 'Manage all your accounts in one place.' A central box displays 'Initial Balance' as 'Rp 0' with a green gradient background. To the right, a small box shows '0% This Month'. At the bottom, there's a button labeled 'Add New Wallets' with the sub-instruction 'Bank, E-Wallet, Or Cash'.

## 9. Admin Dashboard (Admin Account)

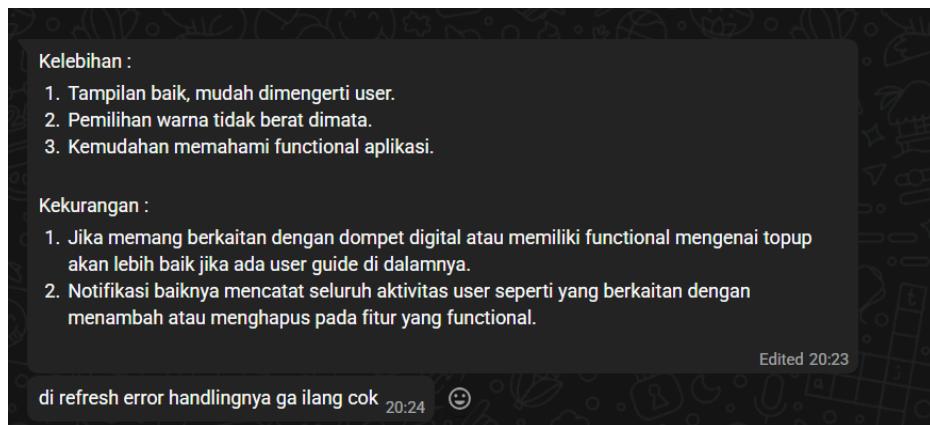
The screenshot shows the 'Admin Dashboard' of the WeSave app. The sidebar on the left has 'ADMIN MENU' with 'Dashboard' (highlighted in blue) and 'Kelola User'. It also includes 'Logout'. The main content area has a search bar at the top. Below it is a header 'Admin Dashboard' with the subtitle 'Overview laporan dan aktivitas user.' and a date '06 Jan 2026'. Three summary cards are displayed: 'TOTAL USERS' (2), 'TOTAL TRANSAKSI' (3), and 'VOLUME UANG' (Rp 8.000.000). A table titled 'Pengguna Terbaru' lists three users: 'akun1' (User, joined 06 Jan 2026), 'Admin main' (Admin, joined 05 Jan 2026), and 'User Biasa' (User, joined 05 Jan 2026).

## 10. Kelola User (Admin Account)

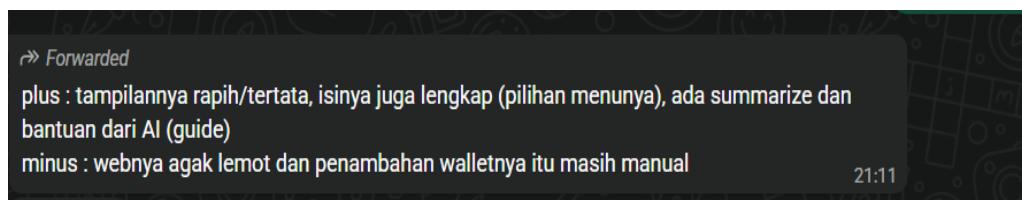
The screenshot shows the 'Kelola Pengguna' (User Management) page. The sidebar on the left has 'ADMIN MENU' with 'Dashboard' and 'Kelola User' (highlighted in blue). It also includes 'Logout'. The main content area has a search bar at the top. Below it is a header 'Kelola Pengguna' with a 'Tambah User' button. A table lists three users: 'akun1' (User ID: #3, joined 06 Jan 2026, 1 hour ago), 'Admin main' (Admin, joined 05 Jan 2026, 1 day ago), and 'User Biasa' (User ID: #2, joined 05 Jan 2026, 1 day ago). Each user row includes 'Edit' and 'Hapus' buttons.

## V. FeedBack Users

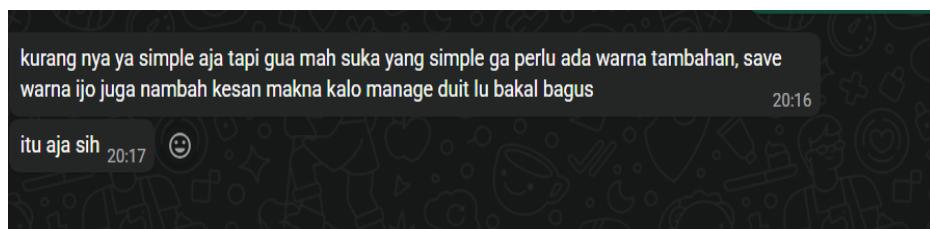
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### 3. Yohanes Mahasiswa di Universitas Bina Sarana Informatika



## 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.