**Unified Smart Wallet with Budgeting and Insights**

**Project Title**

Unified Smart Wallet with Budgeting and Insights

**Overview**

This project incorporates essential functionalities for budgeting, spending insights, and simple integration with **Google** and **Apple Wallet** for transactions. The basic version does not entail any complex integration and focuses on service, allowing users to record their expenses, allocate budgets, and get some basic statistics about their expenses.

**Problem Statement**

Currently available solutions differ a lot in functionalities so users must use several applications to track their spending, create a budget or track their wallet transactions. This piecemeal approach presents the following problems:

**1. Fragmented Systems:** Budgeting and digital wallets are two different apps and as such, integration of planning finances as a whole becomes a headache.

**2. Manual Effort:** Once done, users will need to export their wallet transactions to budgeting applications, which may lead to total loss of data or mistyping of information.

**3. Limited Insights:** The majority of instruments do not provide insights or budgets or evaluation of a person’s spending behaviors in real-time.

**4. Lack of Flexibility:** It renders the tools unpractical as there are no options for tracking transactions manually or offline.

The Unified Smart Wallet, using built-in basic budget management systems and monitoring of transactions, tackles these issues in a single application thereby improving user experience when it comes to handling their finances.

**Core Features**

**1. Basic Budget Management:**

• Set a monthly budget limit.

• Track spending progress and notify when nearing the limit.

**2. Transaction Syncing:**

• Automatically fetch transactions from Google Wallet and Apple Wallet.

• Categorize transactions into Food, Travel, Entertainment, andMiscellaneous.

**3. Spending Insights:**

•Display a summary of total spending by category.

• Show remaining budget and top spending categories.

**4. Offline Manual Entry:**

**•** Allow users to input and categorize transactions manually.

**Example Use Case:**

A user sets a budget of $500 for the month. The app syncs transactions weekly from Google Wallet and Apple Wallet, showing:

* $150 spent on Food.
* $200 on Travel.

The remaining budget of $150 is displayed alongside spending trends.