Group 8
Group Members: Maya Bal, Eiffel Valentino, Dumebi Ijomah, Raymond Lei

Project Title: Smart-Expense

Project Description:

Managing personal finances can be challenging, especially when tracking expenses, setting budgets, and ensuring savings goals are met. Search-Expense is a user-friendly mobile app designed to help individuals monitor their spending, categorize transactions, and gain insights into their financial habits. Search-Expense will allow users to create spending categories and establish a spending ceiling for each category. For example, a user can create a clothing category and set the goal of $120 a month. If the user were to spend less than $120 any given month, the remaining money would carry on to the next month. To help users stay under their chosen spending ceiling, Search-Expense will have a price tag scanning feature, which will automatically deduct funds from the correct category. If available, Search-Expense will also provide cheaper options for said product if the product. The app will have a receipt scanning feature, which will also automatically deduct funds from the correct category. Lastly, the Search-Expense will provide coupon codes for items on the user's wishlist (if applicable) and frequently purchased items, such as groceries and house supplies.

Search-Expense will provide users with a simple and straightforward way to manage their spending. Users will be able to use the receipt scanning feature to easily balance their books. They will be able to use the price tag feature to quickly delineate whether an item is in their budget and they will be able to use Search-Expense's coupon feature and product finder to get the items they want for less. Ultimately, with Search-Expense's minimalistic design and easy to navigate user interface, it will help users manage their budget, avoid debt, and reach long-term financial goals.

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Project Goals:

- Make budgeting effortless

- Saving money

- Helps users manage their budget

- Avoid debt

- Achieve long-term financial goals

Project Features:

- Expense Tracking & Budgeting:

  - Allows users to create spending categories (e.g., clothing, groceries, entertainment).

  - Users can set a monthly spending ceiling for each category.

  - Unspent money carries over to the next month.

- Automated Expense Management:

  - Price Tag Scanning: Automatically deducts item costs from the correct budget category.

  - Receipt Scanning: Logs purchases and updates category balances automatically.

- Smart Savings & Discounts:

  - Suggests cheaper alternatives for scanned products (if available).

  - Provides coupon codes for wishlist items and frequently purchased goods.

- User-Friendly Experience:

  - Minimalistic design with an easy-to-navigate interface.

  - Helps users stay within budget, avoid debt, and reach financial goals.

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