

SmartExpense – Personal Expense Tracker

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Project Overview

SmartExpense is a Mobile Application that helps the user keep track of their daily expenses on food, clothes, etc. This app provides users with valuable insights on their spending patterns monthly under different expense categories. Based on the information provided by this app, the end-users can mitigate the unnecessary costs and maintain their expenses accordingly.

Objectives

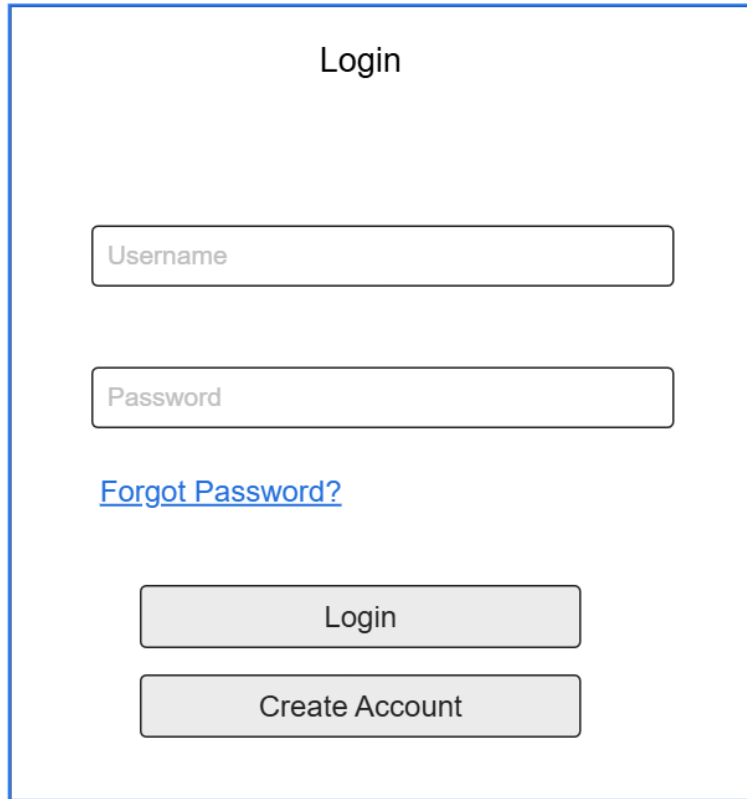
- Provide users with accurate insights into their monthly spending patterns
- Users can add, update, or delete expenses
- Provide a clean, user-friendly interface for the users
- Supports offline access using a local database

Use Cases



UI Sketches

Login / Sign Up



A UI sketch for a login and sign-up page. The page is enclosed in a blue rectangular border. At the top center, the word "Login" is displayed in a black, sans-serif font. Below this, there are two input fields: the first is labeled "Username" and the second is labeled "Password", both in a light gray font. Below the password field, there is a blue, underlined link that says "Forgot Password?". At the bottom of the form, there are two gray buttons with black text: the top button is labeled "Login" and the bottom button is labeled "Create Account".

The Login page is where the users can enter their username and password to login to the app. The users can sign up to the system as well.

Sign Up

Username

Password

Confirm Password

Create Account

The sign-up page allows users to enter their username and password to register for the system.

Expense Management Pages

Expenses

Category 1

Category 2

Category 3

Total Expenses

300 €

Expense 1

50 €

Expense 2

50 €

+

Add Expense

Expense

Select Expense Type

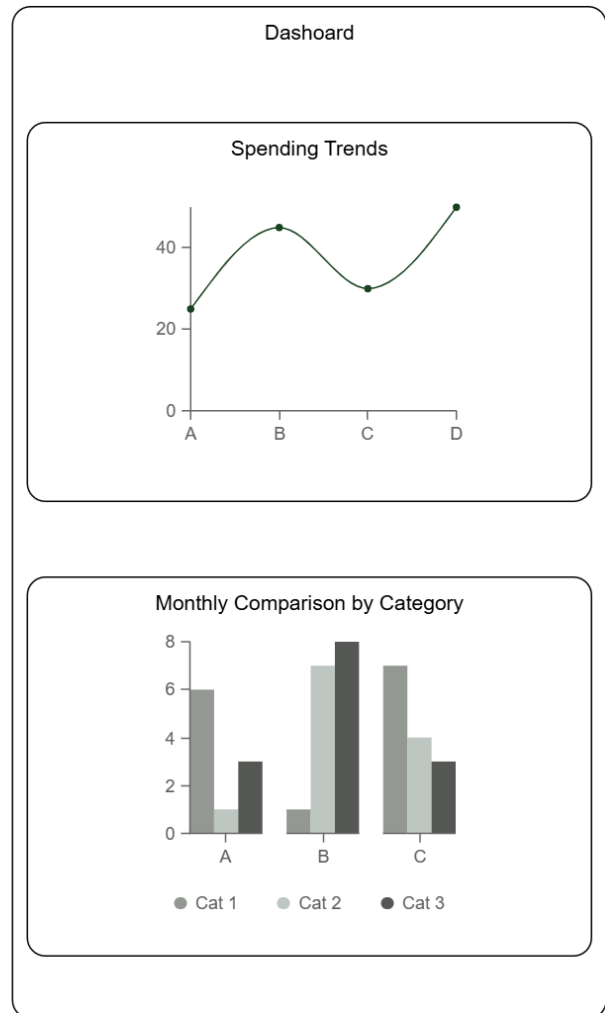
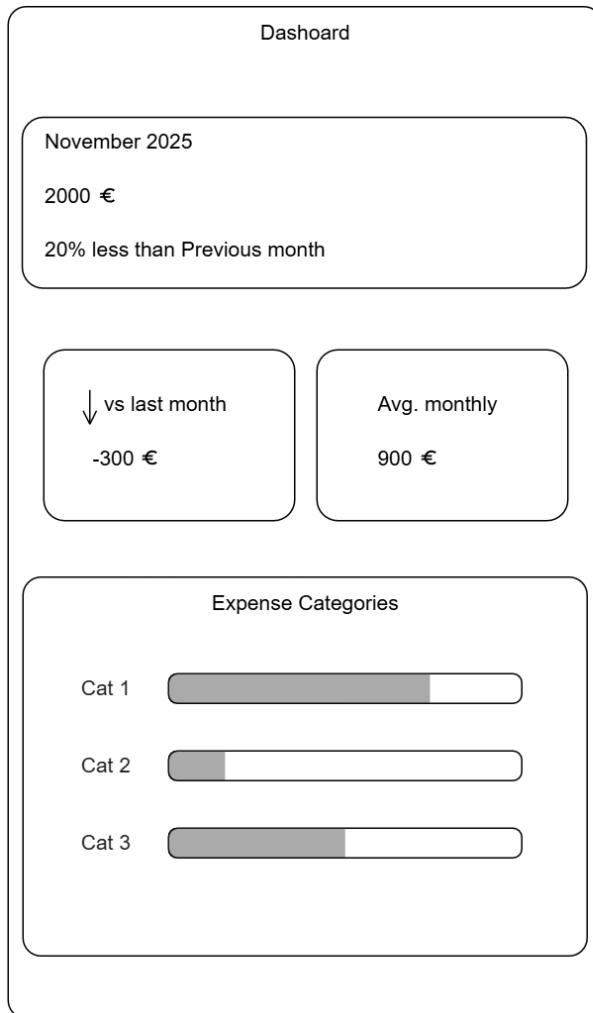
Amount

11/26/2022

Add Expense

The expenses page allows the user to view, add, update or delete the expenses for different expense categories. The Add expense page allows the user to enter expense details.

Dashboards



The dashboard provides the user with insights into all the transactions made for the current and previous months. It will show the spendings for the current month and how much more or less that the user has spent compared to the past month, and data like spending trends, monthly spending according to different expense categories, etc.