



Module title and code: Software Development 2 - CMP020L004S

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Sprint 2 Submission for SmartBudget Application

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User Stories

User Registration and Authentication

- As a new user, I want to create an account so that I can access the application.
- As a registered user, I want to log in securely so that I can access my financial data.
- As a user, I want to reset my password if I forget it so that I can regain access to my account.
- As a user, I want to update my profile information so that my details are current.

Dashboard

- As a user, I want to see a summary of my current financial status on login so that I get an immediate overview.
- As a user, I want to view my recent transactions on the dashboard so that I can quickly check recent activity.
- As a user, I want to see how my current spending compares to my budget so that I know if I'm on track.
- As a user, I want to see upcoming bill reminders on my dashboard so that I don't miss payments.

Transaction Management

- As a user, I want to add new income transactions so that I can track all money coming in.
- As a user, I want to add new expense transactions so that I can track all money going out.
- As a user, I want to categorize my transactions so that I can analyse my spending patterns.
- As a user, I want to edit transaction details in case I made an error during entry.
- As a user, I want to delete transactions that were entered by mistake.
- As a user, I want to add notes to transactions so that I can remember specific details.
- As a user, I want to upload receipts for transactions so that I have proof of purchase if needed.
- As a user, I want to set up recurring transactions so that I don't have to manually enter regular bills.

Budget Management

- As a user, I want to create monthly budgets for different spending categories so that I can plan my expenses.
- As a user, I want to edit existing budgets when my financial situation changes.
- As a user, I want to be notified when I'm approaching a budget limit so that I can adjust my spending.
- As a user, I want to compare my actual spending to my budgeted amounts so that I can evaluate my financial discipline.

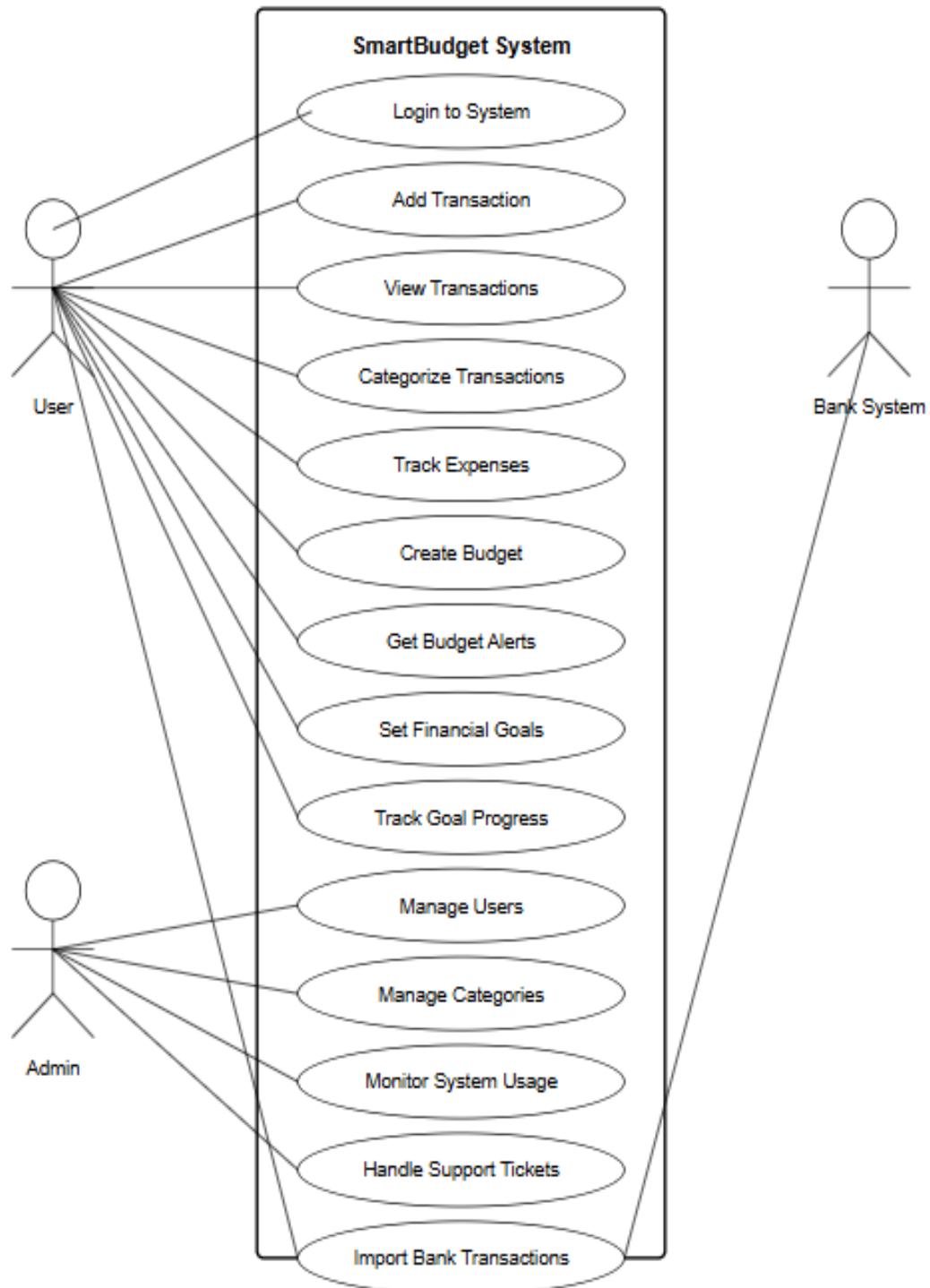
Goals and Savings

- As a user, I want to set financial goals so that I have targets to work toward.
- As a user, I want to track progress toward my savings goals so that I know how much more I need to save.
- As a user, I want to adjust my goals if my priorities change.

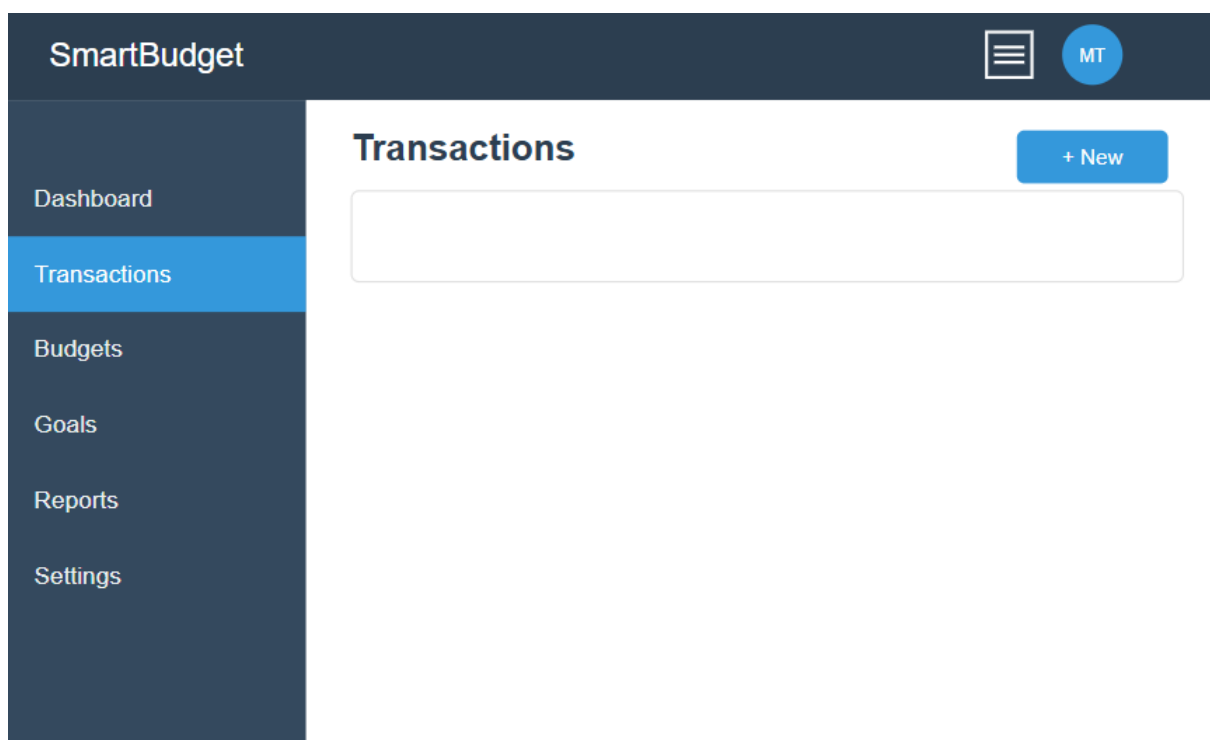
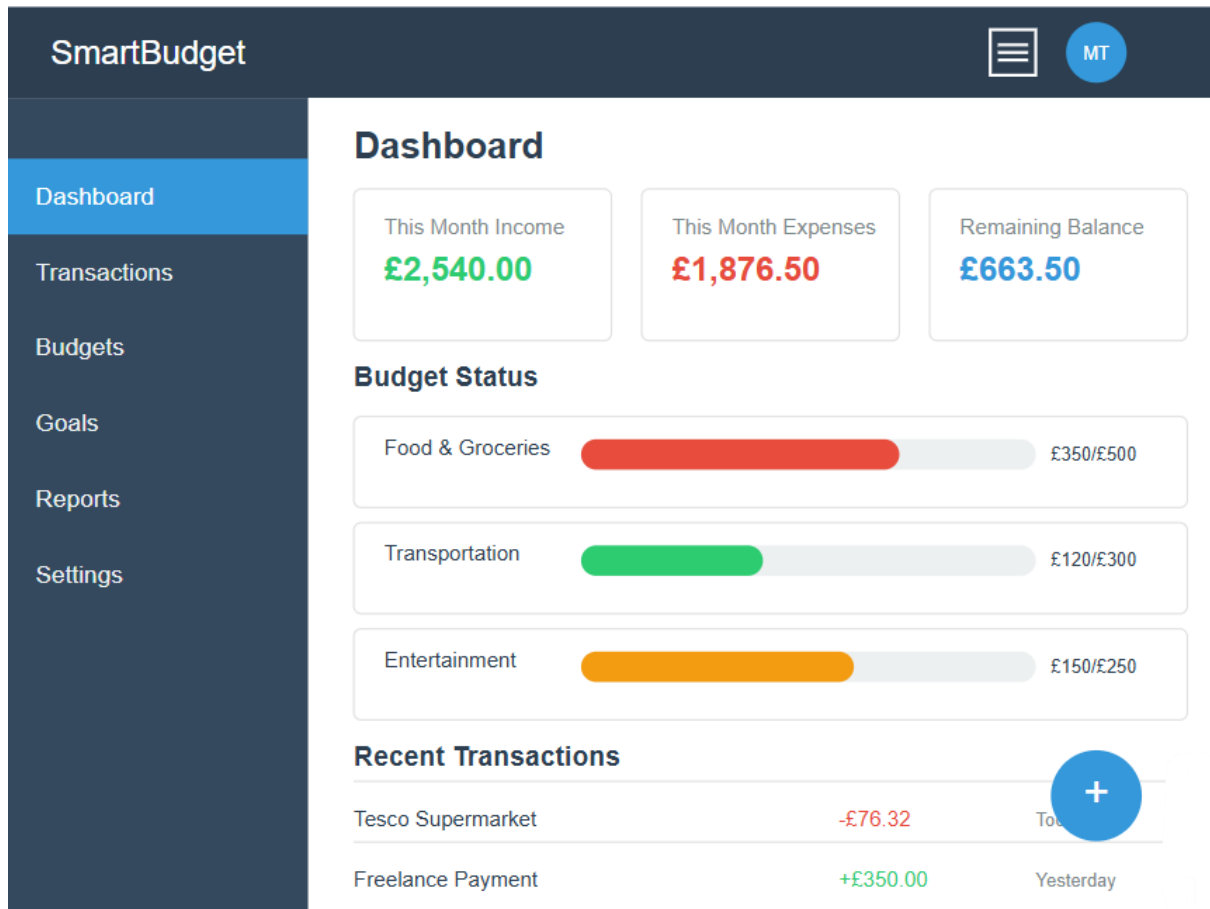
Reports and Analysis

- As a user, I want to view my spending by category so that I understand where my money goes.
- As a user, I want to see income vs. expenses over time so that I can identify trends.
- As a user, I want to export my financial data so that I can use it in other applications.
- As a user, I want to generate monthly/quarterly/yearly reports so that I can review my finances periodically.

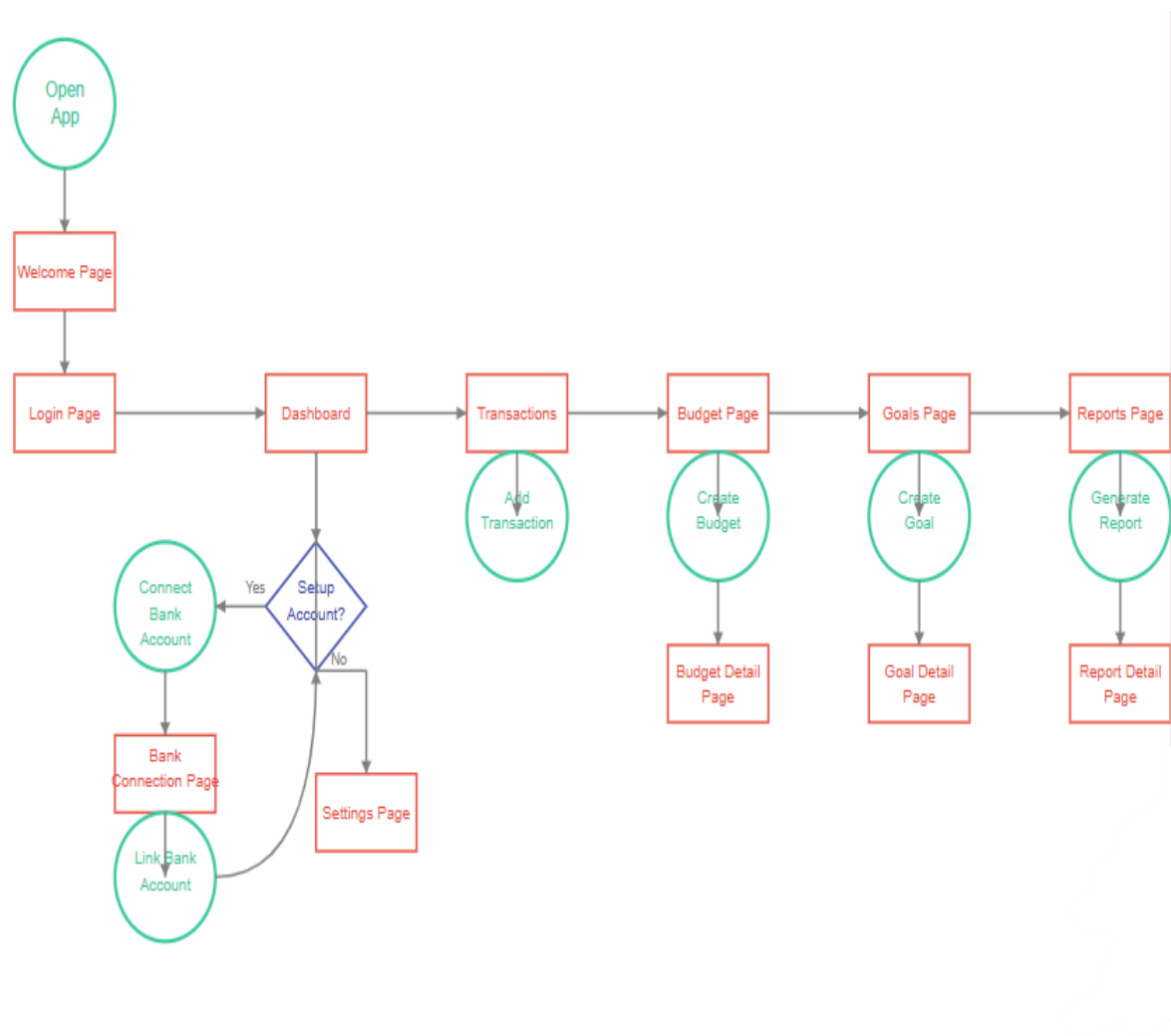
Use case diagrams:



Wireframes:

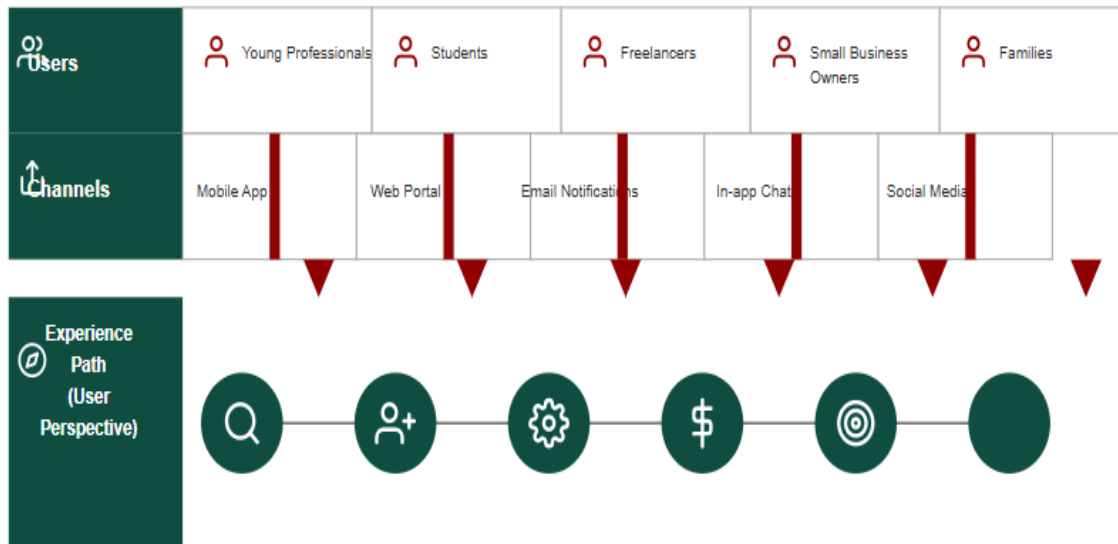


User flow diagrams:

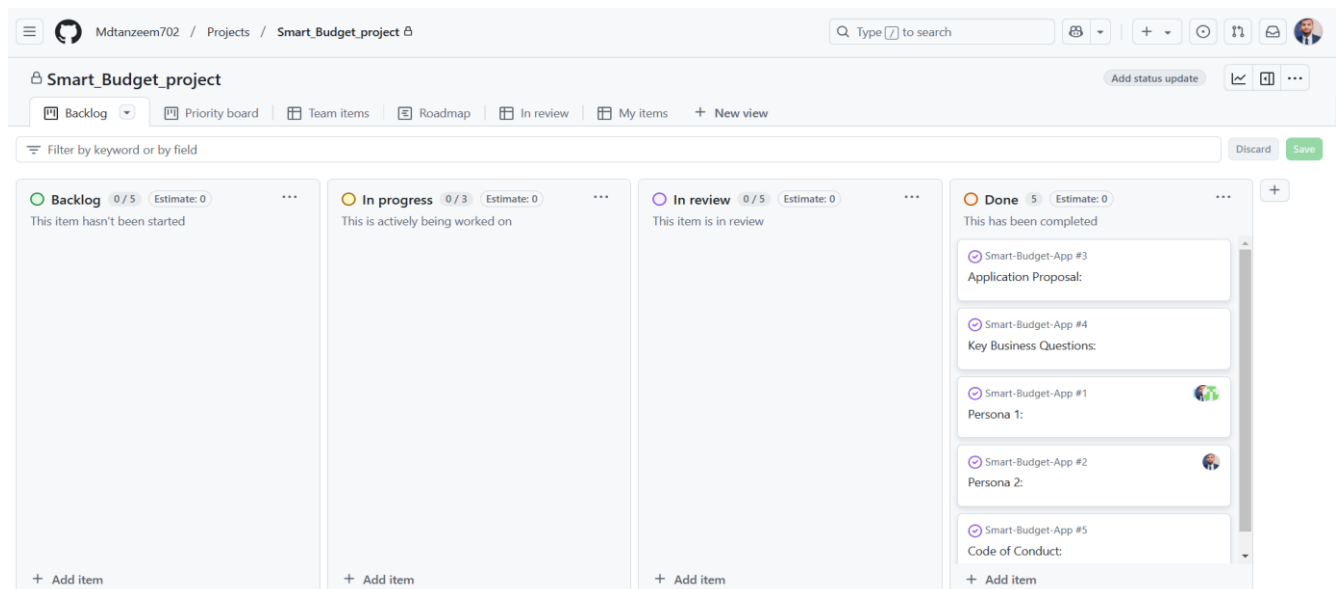


SmartBudget Customer Journey Map:

Customer Journey Map for SmartBudget



Task Board:



Task Board URL: <https://github.com/users/Mdtanzeem702/projects/3/views/1>

Project URL: <https://github.com/Mdtanzeem702/Smart-Budget-App>