Samuel Alemu
Eunseong Han

Project summary:

This project is a personal finance management dashboard designed to help users track their income, expenses, savings goals, and investments. The user-friendly interface allows for easy navigation between different sections and quick actions for adding new transactions.

Github Repository link for the project: https://github.com/Samiz244/finance_manager

Proposed the wireframe:

Layout:

Dashboard

Total income: \$

Total expenses: \$

Total difference: \$

Quick action

Add income

Add expense

Add goal

Add investment

Savings goals progress: %

Total investment: \$

Income Expense Savings Investment

Income

Income:	\$ Ad	ld Transaction					
Income History							
Total income: \$							
Home	Expense	Savings	Investment				

Expense

Expense: \$ Expense on:							
Expenses History							
Total expenses: \$							
Home	Income	Savings	Investment				

Savings

Savings goal: \$ Add savings goal Purpose of goal: Goals List Total saved: \$ Home Income Expense Investment

Investment

Investment: S		Add Investme	ent			
Investment List						
Total investe	ed: \$	Current value:\$				
Home	Income	Expense	Savings			

Functionality:

Dashboard to Other Sections (Income, Expense, Savings, Investment):

- The user clicks on the section they want (e.g., "Add income" or "Add expense").
- The system takes them to the respective page.
- They can easily return to the Dashboard by clicking "Home" or a back button.

Add Transactions:

- In each section (Income, Expense, Savings, Investment), the user can click "Add Transaction" or "Add Goal" to input data.
- After saving, they return to the same screen to see the updated data.

User Experience:

Dashboard: Users see a summary of their income, expenses, and savings goals. Quick access buttons let them add new transactions.

Income: Users add and view income transactions. They can check their total income.

Expense: Users add and view expenses, helping them track spending.

Savings: Users set savings goals and see their progress.

Investment: Users add and monitor their investments and current values.

Iterative design:

Testing Phase:

- Test Navigation: Make sure moving between screens works smoothly.
- **Test Adding Data**: Ensure that adding income, expenses, savings goals, or investments works properly.
- **Test Data Display**: Check that totals (income, expenses, savings) are correct and update instantly.

Improvements:

- User Feedback: Simplify navigation if users find it hard. Add shortcuts or better back buttons if needed.
- **Form Validation**: Prevent users from entering incorrect data and improve error messages.

Statement:

We, the undersigned members of the group, acknowledge that we understand the conditions set forth in this proposal. We are committed to actively participating in the implementation of the group project from start to finish. We understand that individual grades may vary based on our contributions and performance, and we agree to present an important phase of the work collectively.

Signed proposal:

Name: Samuel Alemu

Name: Eunseong Han

This proposal delineates our strategy for crafting an engaging interactive website, emphasizing the utilization of Flutter to orchestrate captivating user experiences. We contend that this initiative resonates deeply with the core tenets of the Flutter framework, particularly its focus on seamless UI development, widget-based architecture, and expressive animations. By harnessing Flutter's robust capabilities, including its rich widget library, reactive framework, and hot reload feature, we aim to deliver an immersive digital platform that seamlessly integrates visually stunning designs with fluid user interactions. We are enthusiastic about the prospects of this endeavor and are eager to embark on this journey to materialize our vision.