

Design Document for: Budgeting Application, Group6

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Status: Planning

Concept Summary

- The purpose of this budgeting application is so that the customer can have a budget on how much they want to spend and is useful since they show you exactly where your money is going and how you may change your spending patterns.

Audience/Customer

- demographics of intended audience or customer

- College students
- Parents

Background

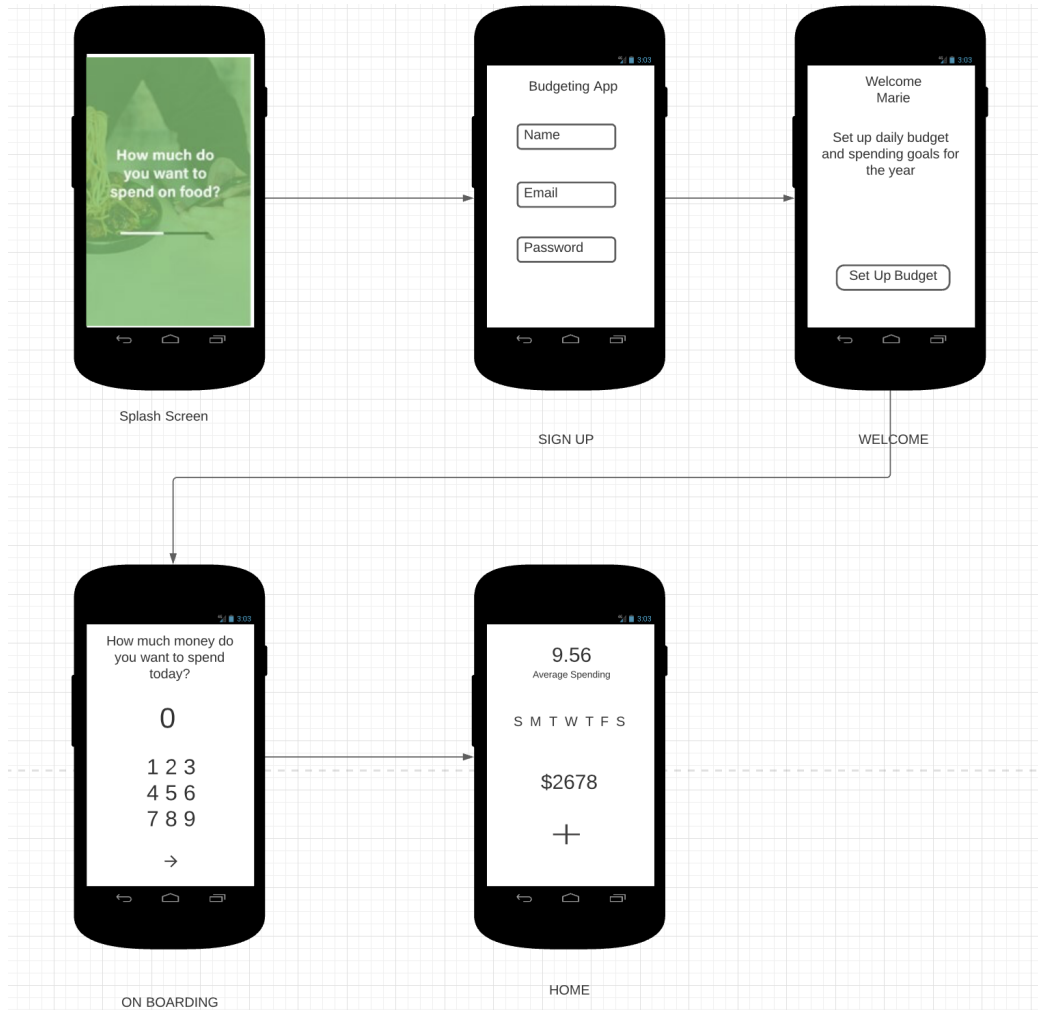
- any background information necessary to understand the project

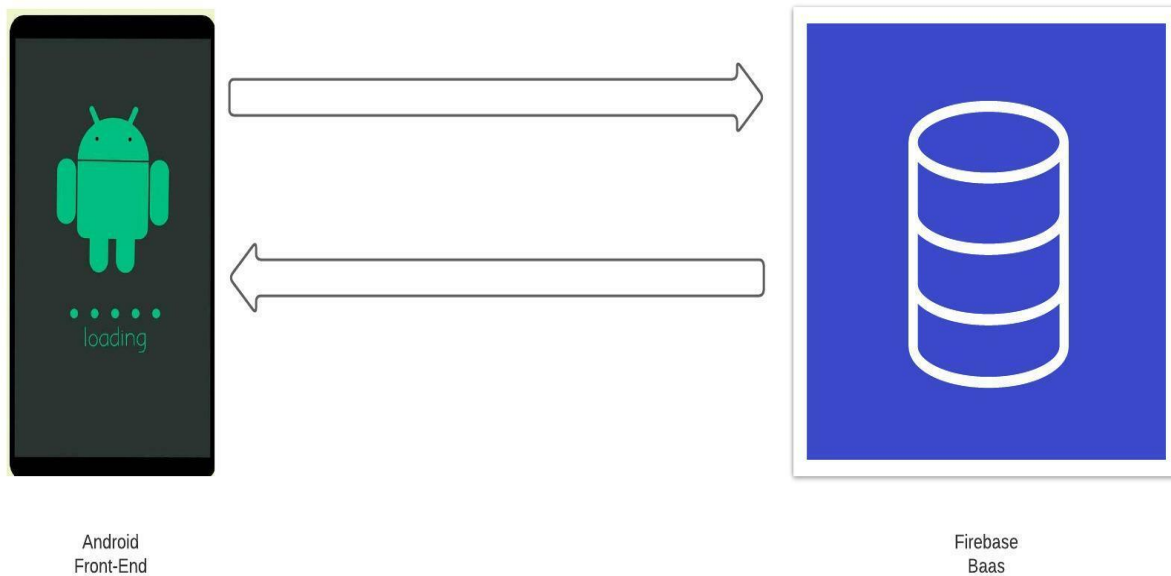
Application Cost and Projected success (optional)

- tell me what you will charge for this development or cost to customers. Potentially describe any monetization schemes (like advertising or in-app purchases if a mobile application).

Interface Mockups (for projects that have a presentation layer/ GUI)

Design - Use Case Diagram(s)





Design - Detailed Design

1)Start page: On the first page, the user can open the app and access the first page, which displays various sorts of spending amounts on the screen for various user categories, such as "How much do you want to spend on food," and so on.

2)Signup/sign in page: This is where the user will find the signup/signin page. User name, email address, and password are required for this signup. Sign in to this page if the user has already signed up and created a password.

Fill up your name, email address, and password.

The user will then be redirected to another page.

3)Welcome page: The user is directed to a welcome page based on their user name. It appears here as "put up daily budget and spending targets for the year," similar to "welcome marie."

"Set up daily budget and spending targets for the year," it says here.

The user can create a budget based on their budget for daily expenditures in many areas.

The user can then click the SETUP BUDGET button to go to another page.

4)On the boarding page: The user is asked"how much do you want to spend today. The user can create her own budget. Simply click a number in a money format (such as rupees or dollars) to see a list of 0 to 9 numbers from which the user can choose their budget.

5)HOME PAGE: Here you can see the weekdays from Sunday to Saturday and create a budget by clicking the plus icon.

(+) This page calculates the average spending amount of a user's budget over the course of a day. For example, if the whole budget is \$2678, the average spending amount is \$9.56.

Related Work

- Intuit Mint Expense Tracker

Frameworks/Services/Cloud/Backends

- Firebase Baas

Testing

- Espresso is the latest Android test automation framework that got open-sourced by Google, making it available for developers and testers to hammer out their UIs.

Schedule

- Over the next three month with a every two week feature implementation

Dependencies

- list any necessary dependencies for this work to be completed. (i.e. collection of data, etc).
 - Firebase