

Iteration 2 Outline

Budgeting Mobile App

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Accutech Systems

- Designs software used in trust accounting
- Oldest clients' wealth greater than 1m
- Recently acquired MoneyTree, a financial planning company for middle-class target audience
- Looking to expand target audience with an app targeting individuals who need help making and sticking to a budget

Iteration 1 Features

Minimum information budget generation

User inputs:

- Age
- Income
- Rent/Mortgage
- Savings
- Debt

Iteration 2 - Project Goals

- Conversion to Flutter
 - Learning Dart
- Saving & loading
 - AES for filesaving and scrypt for password saving
- User adding purchases
- Expansion to budget generation - Part 1
 - Living on income, savings, or a combination of both
 - No negative required expenses in output budget
- Modifying budget allotments after creation - frontend
- Location-based notifications proof of concept

Iteration 2 - Personal Goals

- Chris
 - Learn Flutter/dart
 - Study app UI design, make it look good by the end
 - Plan the UI before putting it into code
- Jawad
 - Learn Flutter/dart
 - Contribute more to the repository - five commits a week
 - Expand budget creation
- Colin
 - Learn Flutter/dart
 - Communicate more with Accutech - weekly
 - Learn google maps API for location features
 - Finish saving/loading

Tech Stack

- Flutter framework
 - Dart language
 - Builds to iOS and Android
- IDE: Android Studios

App will run entirely on the device, no server usage