




SP26 – Red Budget App

CS 4850 – Section 03 – Fall 2024
August 20th

 <p>Josh Wilmath Developer</p>	 <p>Garrett Heffner Developer</p>
 <p>Avi Reale Documentation</p>	

Project Team

Name	Role	Cell Phone / Alt Email
Josh Wilmath	Developer	630-850-0565 jrwilmath@gmail.com
Garrett Heffner	Developer	678.894.6317 garretttheffner27@gmail.com
Avi Reale	Documentation	678.378.1507 akreale2000@gmail.com
Sharon Perry	Project Owner or Advisor	770.329.3895 Sperry46@kennesaw.edu

1.0 Project Overview / Abstract (Research)

This Mobile Budgeting app is being developed to provide users with an easy and effective way to manage their finances. The app will include features for tracking income, expenses, and savings, setting financial goals, and analyzing spending habits through detailed visual aids like graphs and charts. The project's scope includes designing an interface that is easy to use, implementing data storage that is secure, and making sure that it's compatible with both iOS and Android platforms. This project's objective is to deliver an efficient and reliable solution that enables users to make informed financial decisions easily.

2.0 Project website

<https://studentweb.kennesaw.edu/~areale1>

Deliverables

- Budget App - a functional mobile application for iOS and Android that will help users track and understand their finances
- Integration with Plaid - integrate financial accounts seamlessly into our app using Plaid.com
- Screen Mockups – screen mockups created using Figma or Balsamiq
- Final Report – a final report that includes the project overview, development process, mockups, and any other relevant documents/material
- Formal Presentation – a presentation that summarizes our app and its development
- Source Code
- Website
- Link to our Github

Milestone Events (Prototypes, Draft Reports, Code Reviews, etc)

8/27/2024

- Complete project planning and research
- Finalize project requirements and technology preferences
- Set up GitHub repository and our version control

10/8/2024

- Develop core functionalities for the app
- Integrate plaid.com for secure account connectivity
- Prepare and present current prototype
- Begin peer review sessions for feedback/improvements

11/5/2024

- Complete all screen mockups using Figma or Blasamiq

- Document all completed development tasks
- Review final report draft

11/21/2024

- Conduct final testing on the app to ensure all functionalities are working as expected
- Make final adjustments and improvements to the app based on test results
- Compile and finalize the complete documentation
- Submit final report

Meeting Schedule Date/Time

- August 29th 2:00pm-3:15pm
- September 12th 2:00pm-3:15pm
- September 26th 2:00pm-3:15pm
- October 10th 2:00pm-3:15pm
- October 24th 2:00pm-3:15pm
- November 7th 2:00pm-3:15pm

Collaboration and Communication Plan

Our main methods of communication for this project will be through Microsoft Teams and GroupMe. We will also utilize Microsoft Word Online and GitHub for our collaboration. We will hold biweekly meetings via Microsoft Teams to discuss milestone objectives and project progress. We will also meet in person on weeks we don't hold online meetings.

Project Schedule and Task Planning

[Sp26 - Gantt Estimate.xlsx](#)

See the Project Work Plan (Gantt chart) file attached.

Other Plans – Like Risk Assessment (if applicable)

There are a few key risks that we will plan to manage including technical risks and project management risks. The technical risks could include integration issues where we face challenges with integrating APIs like plaid.com. We will test these integrations early on to mitigate these risks. We may also face platform compatibility issues between iOS and Android. To prevent this issue the team will make sure each member completes tutorials and conduct regular testing throughout the development process.

For our project management risks we could face task delays and communication issues. This could mean the team is falling behind in completing tasks on time or we simply aren't understanding each other. To avoid these issues, the team will hold check-ins via teams or GroupMe to monitor progress and discuss expectations.

Version Control Plan

The main method of version control we will be utilizing is a GitHub repository. This repository will enable us to maintain the ability for different versions of the app to be managed by each member of the team. Furthermore, this will allow for past versions to be accessed in the event of an update causing a catastrophic bug that needs to be immediately reverted.

Use Flutter and Dart

Delivers Android and iOS

Utilize 3rd party tools

Plaid

Features

track

- income
- expenses
- savings

Set financial goals

Analyze spending habits

Easy to use interface

Secure data storage

Assist decision making

Brainstorm w MS Dictate running

Extract info:

- timelines
- activities
- features

