




SP-5 Red Dynamic Grocery List App

Project Plan

CS 4840 – Section 02 – Spring 2024

Jan 29, 2024

		
Aaron Figueroa	Elizabeth Krummert	Cole Young

Team Members:

Roles	Name	Major responsibilities	Cell Phone / Alt Email
Team Leader / Documentation	Aaron Figueroa	Facilitates communications between advisor and team and composes deliverables.	646-709-3919 adfig13@gmail.com
Documentation	Elizabeth Krummert	Composes deliverables for the project.	770-893-8886 ekrummert8814@gmail.com
Developer	Cole Young	Develop and maintain core functionality of application.	706-581-0894 coleturneryoung@gmail.com
Advisor / Instructor	Sharon Perry	Facilitate project progress; advise on project planning and management.	770-329-3895

Enhanced Overview

The goal of this project is to create a mobile application that allows users to efficiently manage their grocery lists. Users will be able to share lists with other users to then add or remove items on those shared lists.

Some of the main objectives of the project will be to allow users to create accounts and for users to be able to update shared lists in real-time. The accounts will be used to uniquely identify users to allow them to find other users to share their lists with. We also want to make sure that these shared lists are updated in real-time so users do not miss crucial items that may be added by others at the last minute.

We will build the application using Flutter, Dart, and Firebase.

Deliverables

- Team/Project Selection document
- Weekly Activity Reports
- Peer Reviews
- Project Plan
- Requirements Document
- Design Document
- Prototype
- Test Document
- Video Demo
- Website
- Final Report Package
- Mobile grocery list app that works on both Android and iOS
- C-Day Application/Submission

Milestone Events

1. Requirements
 - Description: Define and document the requirements for the application.
 - Beginning Date: 1/29/24
 - Ending Date: 2/12/24
2. Design
 - Description: Design and establish proper work flow and application design.
 - Beginning Date: 2/12/24
 - Ending Date: 3/11/24
3. Development
 - Description: Develop and add functionality to the application.
 - Beginning Date: 3/11/24
 - Ending Date: 3/25/24
4. Final Report Package
 - Description: Create poster and website to display the application and present the final application.

- Beginning Date: 3/18/24
- Ending Date: 4/22/24

Meeting Schedule Date/Time

In-person meeting: Monday at 3:00-3:30 pm

Online Teams meeting: Friday at 8:00 pm

Collaboration and Communication Plan

We will meet twice a week to discuss the progress of our project. One will be a short in-person meeting on campus and the other will be a longer meeting through Microsoft Teams. Any other questions can also be shared between members on Teams. Team members are expected to promptly attend meetings and questions, with a response time of, no later than, three hours.

All members have agreed to their tasks and work commitments and it is required for team members to update the rest of the team anytime progress is made. If a progress update is required from the instructor, our team leader, Aaron Figueroa, will report to them appropriately.

Project documentation and meeting notes will be shared through Teams. Elizabeth Krummert will take the meeting notes and share them on Teams for the entire team to refer back to.

Project Schedule and Task Planning

[illegible]

Version Control Plan

Our version control plan consists of two parts. Version control for development will be handled in github with our organizational account, by creating comments that will describe the latest version changes to the project. For documentation version control, we will utilize Sharepoint within Microsoft Teams to collaboratively work on files together and maintain an updated file that all team members can access.