**September 8, 2023**

Project Plan  
SP-5 Red

**September 10, 2023**

**Project Team**

|  |  |  |  |
| --- | --- | --- | --- |
| **Roles** | **Name** | **Major responsibilities** | **Contact (Cell Phone)** |
| Project owner | Sharon Perry | Facilitate project progress; advise on project planning and management. | 770.329.3898 |
| Team leader | Aly Hussein | Documentation | 706.459.9586 |
| Team members | Mohamed Shaaban | Coding/Development | 706.459.1505 |
| Jeff Williams | Coding/Development | 678.294.6699 |
| Joel Juarez | Coding/Development | 404.219.1016 |
| Advisor / Instructor | Sharon Perry | Facilitate project progress; advise on project planning and management. | Sperry46 in D2L is preferred |

|  |  |
| --- | --- |
| **A person in a suit standing on a path with palm trees  Description automatically generated**  Aly Hussein | **A person smiling at the camera  Description automatically generated**  Mohamed Shaaban |
| A person smiling for the camera  Description automatically generated  Jeff Williams | **A person taking a selfie  Description automatically generated**  Joel Juarez |

# [SP-5 Red: Grocery List App]

**Project Overview**

Have you ever gone grocery shopping and your brain just begins to fog out and you forget what you originally wanted to buy. With our new grocery list app, people will be able to make a list from an app with collaboration from other users. The goal is to help a family or a group of roommates create a dynamic grocery list to which different members may add so nothing is ever forgotten when grocery shopping.

Elevate your shopping experience and fix your meal planning with our highly crafted grocery list application! With the intention to simplify your shopping experience, our list encompasses an array of essential ingredients and house items to ensure you never overlook any necessities for your home ever again. From fresh farm produce to essential pantry items, each item has been selected to cater to your daily needs.

**Project website**

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

**Final Deliverables**

A few Deliverables for our project will be –

1. Grocery List Application
2. Design Prototypes
   * May include UI designs, project plans, and other non-final designs.
3. Source Code
4. Databases
   * The necessary databases for running the application.
5. Documentation
6. Final Report
   * A report written to explain the project, the team, and the methodology.
7. GitHub Repository
8. Project Website
   * Include project information, updated when necessary to keep information relevant and informative about project progress.
9. User test reports

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

#1 - Planning and Research Analysis Document (RAD) CompletionBy beginning 09/15

#2 – Begin DevelopmentBy 09/30

#3 – User Testing should be done throughout development to manage risk.

#4 - Final Development By 10/11

#5 –Final Report and DeploymentBy 10/31 – 11/25

**Meeting Schedule Date/Time**

Meeting will be held via Teams/Discord. Meeting time will be **Tuesdays and/or Thursdays during class-time when there is no class, or Monday and/or Wednesdays at 2 PM**

**Collaboration and Communication Plan**

We will be using cellphones (Call/Text), GroupMe for communication about tasks, completion status and other important information necessary for the smooth and steady progress of the development of the application.

**Version Control Plan**

We'll use Git to track changes in our code, and the project will be hosted on GitHub for easy collaboration. Access to the repository will be restricted to authorized team members and faculty, ensuring both smooth development and project security.

**Project Schedule and Task Plan**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | |  |  | | |  |  | |  | |  | |  |
| *Legend* | | | |  | | |
| Planned | | | |  | | |
| Delayed | | | |  | | |
| Number | | | | Work: man hours | | |
|  | | | |  | | | | | |  | |  | | |  | ***Planning and Research*** | | | | ***Development*** | | | | ***Final Development*** | | | | **C-Day** | |
| **Deliverable** | | | | **Tasks** | | | | | | **Complete%** | | **Current Status Memo** | | | **Assigned To** | **09-02** | **09-09** | **09-16** | **09-23** | **09-30** | **10-07** | **10-14** | **10-21** | **10-28** | **11-04** | **11-11** | **11-18** | **11-25** | **12-02** |
| Design Prototypes | | | | Sketch Initial Designs | | | | | | 0% | |  | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | | | | Create Digital Prototypes | | | | | | 0% | |  | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | | | | User Feedback | | | | | | 0% | |  | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | | | |  | | | | | |  | |  | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Source Code | | | | Set Up Development Environment | | | | | | 0% | |  | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | | | | Write Core Functions | | | | | | 0% | |  | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | | | | Implement UI from Prototypes | | | | | | 0% | |  | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | | | | Initialize Repository | | | | | | 0% | |  | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | | | | Design Website Layout | | | | | |  | |  | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | | | | Document Readme and Guidelines | | | | | | 0% | |  | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | | | | Test prototype | | | | | | 0% | |  | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Documentation | | | | Draft Technical Specifications | | | | | | 0% | |  | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | | | | Comment Source Code | | | | | | 0% | |  | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | | | | Document updated design | | | | | | 0% | |  | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | | | | Write Summary and Conclusions | | | | | |  | |  | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Final report | | | | Presentation preparation | | | | | | 0% | |  | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | | | | Poster preparation | | | | | | 0% | |  | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | | | | Final report submission to D2L and project owner | | | | | | 0% | |  | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | | | |  | | | | | |  | |  | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | | | |  | | | | | |  | | **Total work hours** | | | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |