Project Plan

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Project Goal

The goal is to build a Web based Food Planner App.

Introduction

Food Planner is a tool to guide people in the direction of meal planning based on their current conditions. Patient should be able to upload there conditions and allergies from some source or manually. User should also be able to scan or manually enter in ingredients available. The app should help to provide quick, intermediate, or other meal ideas based on these factors.

Project Scope

The scope of this project is to enable a user to login to the Web App and select eligible ingredients/food items based on the condition/allergy they have mentioned.

Requirements

1. User should be able to launch the Web App.
2. User can create a new account & login with an existing account.
3. Upon login, User should see Allergies, Ingredients and Recipe tabs.
4. User can select various Allergies on the Allergies page.
5. User can choose various Ingredients on the Ingredients page.
6. User can go to the Recipe Tab to see recommended Recipes.
7. On the Recipe screen, User can select the Cuisine.
8. On the Recipe screen, User can filter based on Allergies and Ingredients.
9. The App can recommend Recipes based on Cuisine, Allergies and Ingredients.

Processes and Communication Channels

Our team will be contributing to work on the below activities, in that manner. But, first we need to define the Communication pathways. We all will be communicating primarily in WhatsApp group chat sessions. Secondary option is Slack. And finally, all the meetings will be held on Google Hangouts. The first step was to meet with the assigned TA to our Food Planner App and discuss the expectations and requirements.

The Team has started working on the below activities/deliverables and will be meeting twice a week to discuss and review the progress and future tasks.

- Requirements Gathering
- Research Document
- Use Case Model
- Design Document
- Test Plan
- Gantt Chart
- Application Manual
- Software Development
- Verification & Validation
- Code Refactoring
- Feature Deployment

Team

Team Members

- Donald Ford
- Dale Park
- Andrew Lo
- Youjung Kim (Angela)
- Vaneesh Bahl

Roles

- **Developer:** A Software Programmer task with implementing parts of the system.
- **Quality Analyst:** Task with verifying the correct functionality of the software.
- **Project Manager:** Task with making sure the project is on track and removing any roadblock that the team might encounter. Submits the final commit ID to Canvas
- **Architect:** Task with designing the system and providing the high level design and documents.
- **Deployment Manager:** Task with providing the manual of the system and packaging the app for deployment on the android phones.
- **Quality Manager:** Task with the responsibility of managing the different levels of testing.

Team Member	Role
Donald Ford	Developer
Dale Park	Project Manager
Vaneesh Bahl	Quality Analyst/Manager
Andrew Lo	Developer
Youjung Kim (Angela)	Developer