Bazaar
Project Charter

Problem Statement:

Meal planning and college students don't go together. It's usually a mammoth task for students to plan their meals for the day, let alone plan for an entire week. With Bazaar we plan to make it easier to plan meals for a day or a week. Our goal is simple; we provide a list of common recipes that college students can make easily by allowing them to create their own recipes or select from our list of recipes, checking of ingredients that they already have and giving them a shopping list of items they will need and also providing the cheapest store they can buy it at near them. Bazaar will also use machine learning to suggest recipes to the user based on previous choices/preferences.

Objectives:

- Build a web application that allows users to keep track of new recipes and grocery lists
- Allow users to interact with a searching system that will find recipes matching their ingredient choices and dish queries
- Allow users to add ingredients to a cart and see prices of different ingredients from major grocery stores
- Allow users to share certain recipes and profiles for others to see
- Have secure communication between the frontend and backend of the application

Stakeholders:

- Us six group members
- Advertisers for the Website
- Future users of Bazaar
- Potential investors

Deliverables:

- A web application built using HTML, CSS, Javascript and Firebase where users can create accounts and manage shopping lists and recipes
- A way for users to favorite certain recipes
- A way to share certain recipes
- A database to be hosted on Firebase to store user information
- A server that will allow multiple users to connect to the app built in node.js
- Machine learning prediction model to suggest new recipes for users.