

Project Charter - Group 1

RecipeQuest

Team Members: Liam Kelly, Daniel Geva, Gerard Russo, Kellen Neff, Enoch Qin

Problem Statement: Looking for recipes online is convoluted, bloated, and time consuming. Companies like Tasty and Allrecipes list pages of text filled with ads before listing the actual useful content of the page: the recipe. In addition, once a user selects the recipes they would like to make, they have to manually copy over ingredients into a shopping list. RecipeQuest will help solve this problem, providing a location where users can easily find recipes that match their criteria, save their favorite recipes, and generate shopping lists, which will make the planning, purchasing, and cooking of meals easier for home cooks.

Project Objectives:

- 1) Create an account system where users will be able to create and manage their own account.
- 2) Give users the ability to upload their own recipes, as well as view, rate, save, and comment on recipes uploaded by others.
- 3) Create a search engine for searching recipes on the site (such as by dish, ingredients, or ratings).
- 4) Create a homepage to recommend recipes that are getting a lot of traffic.
- 5) Create a shopping list where the site will keep track of the ingredients needed for all the recipes the user would like to make.

Stakeholders:

- **Users:** People who want to upload and use recipes online
- **Developers:** Liam Kelly, Daniel Geva, Gerard Russo, Kellen Neff, Enoch Qin
- **Project Coordinators:** Jakob Hain
- **Project Owners:** Liam Kelly, Daniel Geva, Gerard Russo, Kellen Neff, Enoch Qin

Project Functionalities:

- Users can create profiles
- Users can post recipes
- Users can search recipes
- Users can save recipes
- Users are recommended recipes
- Ingredients from a selected recipe can be transferred to a shopping list

Project Deliverables:

- A Web-based application which can be loaded onto a web server

Frameworks:

- Node.js
- React
- MongoDB