

# OurKitchen (Recipe Sharing App)

Created by Brandon Baker and Logan Rosser

In a world where food is treasured and new food combinations are explored, there's got to be a way to exchange new recipes with people across the world. This is where OurKitchen comes into play. Users will be able to look at what other people are making and can try to recreate it on their own. This app is different from other apps because it allows a personalized experience for users expressing their ideas in regards to the food they make; this in turn allows a community to be formed between those with similar interests. Target users include college students needing food ideas, aspiring chefs looking for new recipes, and parents looking to make a new dish for their kids.

## Tasks

Having a recipe sharing app would allow users to either learn how to make food or share their creations online for other people to try. Users must login to use recipe creation features. Users will also be able to comment their thoughts on other user's recipes and rate their creations. When creating a recipe, the user will post the name of their dish, ingredients used in it, and a picture of what their dish looks like (shared data). Users will also be able to add each other to a friend list (Only user can see their friends, private). They will also be able to save the recipes that they want to use later (private).

## Work Distribution and Project Requirements

To create this webapp, we will need to incorporate features that come with viewing and creating recipes, user authentication (firebase auth, allowing multiple users at the same time), incorporating firebase collections to store recipes and ratings (viewable across platform), firebase CRUD operations, VueJS framework (with typescript) to setup the app, and CSS styles to make app look visually appealing to the user. Taking all this in, we will work together cohesively to implement these requirements. This way, both of us know what is going on in the app and how everything is working. We will meet at least once a week to discuss how to split up each individual section equally as the project progresses.

## Database Design (2 Collections)

User Information - Name (string), Friend ID (number), Friend List (list of strings), Bio (string), Picture (String), Saved Recipes (Recipe Document)

Recipes - Name (string), Ingredients (list of strings), Overall Rating (number), Feedback List (list of strings), Picture (string)

## Third Party Services

As of now, there are no third party services we intend on using to create the OurKitchen web app.