

## Recipe Finder

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### Description:

This is a mobile app that will let the user enter the available ingredients they have and output what available recipes they can make, according to their ingredients. A search engine will run the ingredients through potential databases and run on websites to gather requested information.

### Vision Statement:

Do you have a limited amount of ingredients and don't want to have the same thing for dinner every night?

This application is designed to make spicing up dinner easy. You can simply add the ingredients that you have in your house and instantly have a list of suggested recipes. Each recipe will be voted on for ease of preparation and taste. Our goal is to make sure everyone is able to enjoy a delicious dinner every night.

### Motivation:

It is a very common problem to have a lot of ingredients, but no idea what to actually make with them. With this app, you can easily get recipes for meals you already have the ingredients to make. This is very useful for when you have some food that needs to be eaten, or for when you just don't have any ideas for what to make for lunch or dinner.

### Risks:

- Learning Curve: many of us are unfamiliar or have little to no experience with mobile application development. As such, it may be a bit of hitting tutorials before any real work is accomplished on the application.
- Databases: there exist many websites with excellent and expansive databases for recipes, ingredients and preparation instructions. It may, however, be a challenge to get access to those databases if any. After all, a recipe site may not have any developer APIs or may not be willing to provide access to or a copy of their database. Worst case scenario; we write our own small recipe database from a cookbook which would increase project time.

- Cooperation: we have never worked with each other so group cooperation may or may not be an issue down the road. There are also issues (related to learning curve) pertaining to each member's existing knowledge of programming and what language(s) with which they are familiar.