# Project Outline

For this assignment, you will submit a high-level outline of your project. This can, and likely will, change over time. In particular, your mentor will provide feedback and direction and feedback to help sharpen your ideas. So don't worry if you feel unsure about some aspects of the outline, or if you have to change some things later.

## Assignment Description

[Project Outline Assignment](https://education.launchcode.org/liftoff/assignments/project-outline/)

## Submission Instructions

### Overview

"My grandfather was an excellent cook, no formal training just experementation and trial and error. After he passed I realized there would be dishes I would never taste again. Families pass down their secrets through word of mouth, index cards, scribbles in the margins of their favorite cookbook, etc... but all these have the inherent frailty of any physical media a house fire or flooded basement could mean a century old recipe is lost forever.

With "PROJECTNAMETBD" users can save their recepies online to preserve and share with future generation. A user's cookbook can be linked to other members cookbook to create a kind of familytree. Notes, ratings, alterations, photos and even how-to videos can all be saved to the recepies to aid the user in perfecting the dish and provide a roadmap of how it came to be. Other quality of life features include: ingredient substitutions, measurement conversions, google voice intigration, instructional videos, and more to come."

### Features

* **User login**: Users will be able to create accounts and log in to the application. Each user will have a profile page(Cookbook).
* **Search**: Users will be able to search for recipes containing given text.
* **Create Recipe**: Users will be able to create new recipes when logged in. New recipes will appear in the user's cookbook.
* **Link Cookbook:** Users can link their cookbooks and choose how they are related to the linked user.
* **measurement converter:** API to convert metric to imperial and vice versa
* **Ingredient substitutions:** API to suggest similar ingedients when a user doesn't have an ingredient avaialble or cannot use an ingredient.
* **Google login:** Signup and login using a user's Google account
* **Google voice**: Have Google read instructions or take dictation so a user's hands are free to work.

### Technologies

Python, Flask, MySQL, SQLAlchemy, HTML, CSS, more to come I'm sure.

### What I'll Have to Learn

How to integrate an API

How to integrate Google login

I'll need to be better at SQL and CSS