Capstone Project 2 Proposal
Recipe Generator

- **Tech Stack:**
    - Django, React, MySQL
    - Backend
        - Django provides built-in User authentication and model validations.
        - Data will be stored using MySQL
    - Frontend
        - React.js
        - React's component based architecture allows us to code the front end more efficiently and keeps the code organized.
- **Focus:**
    - This project will be more backend focused where the user inputs some data into the backend where it will use that data to return recipes and user data to the front end.
- **Type of App:**
    - This project will be a web app.
- **Objective:**
    - This project aims to turn anybody to a culinary savant based on what the have in the fridge.
- **Target Demographic:**
    - People who want to save money by using all the food they have available to them.
    - Adventurous eaters.
- **Data Usage:**
    - Users data:
        - Users will be able to bookmark recipes
        - Save the type of recipes they prefer
            - (ex. Italian, Asian, Indian, American)
        - Cater recipes to their preference
            - Healthy Food
            - Comfort Food
            - Budget Food

- Calorie Tracking
- **API:**
  - Spoonacular.com
  - myFitnessPal
  - For this project I would be using a recipe API that can get recipes based on ingredients