Team RGB:

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Joyce Liao - Backend (Flask/database)

2Cook or Not2Cook

Features/Components

- Login to get recommendations for restaurants or recipes
- On the welcome page, you can either have the choice of
    - Finding a recipe based on
        - what ingredients you have in your refrigerator (input ingredient name)
        - recipe name
    - Finding a restaurant to eat at based on
        - type of cuisine
        - type of establishment
- Recipe(s) will display ingredients, instructions, and nutritional data on the ingredients
- Restaurant recommendation(s) will display ratings, address, menu
- On both the recipe and restaurant recommendation result page, there will be a "recently viewed" column that displays the three most recent restaurants/recipes the user viewed
- Navigate to your "Favorites" page and get (if any) a list of restaurants/recipes you have saved previously
- Html pages will use bootstrap framework

Database Schema

Users

Username (String) - stores the username of everyone who registers. No two people can have the same username.	Password (String)- stores the corresponding password to everyone's username.

FavRest (Favorite Restaurant)

Username (String) - stores the username	Restaurant (String) - stores restaurant name

FavRec (Favorite Recipe)

Username (String) - stores the username	Recipe(String) - stores recipe name

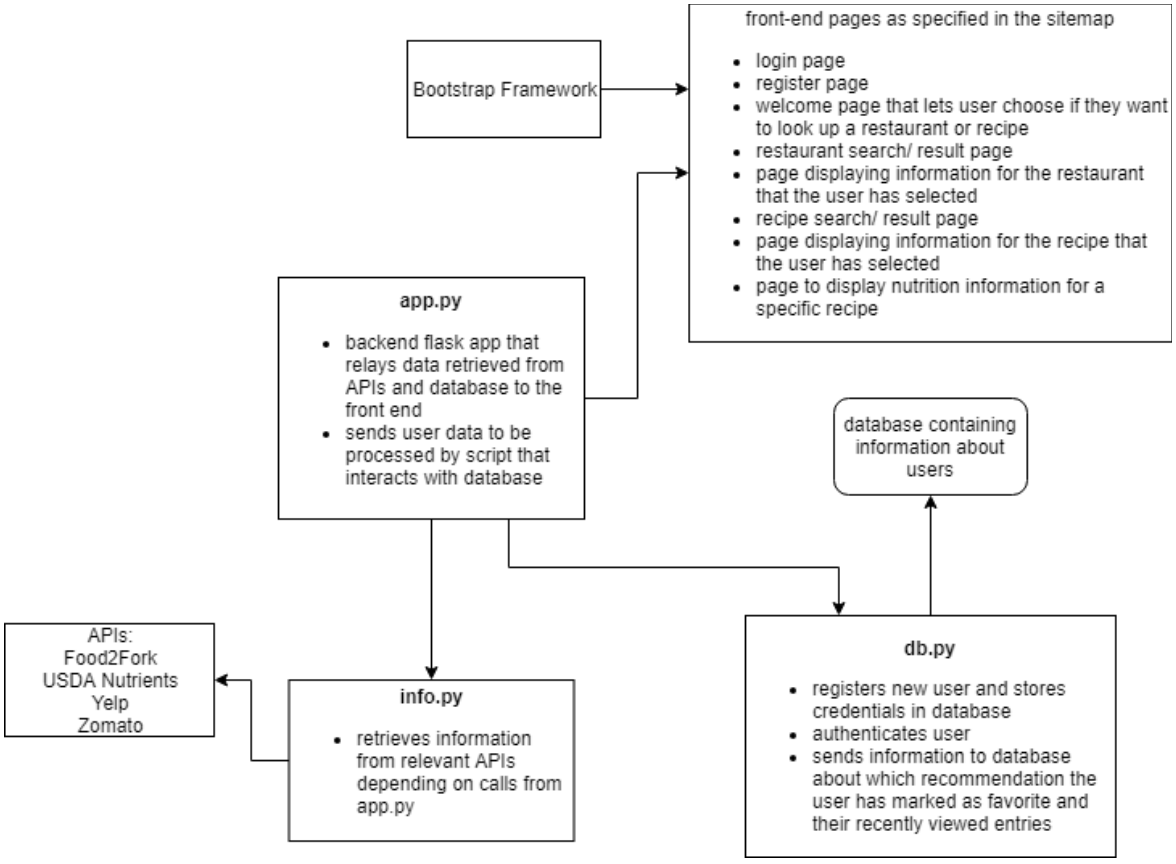
RVRest (Recently Viewed Restaurant)

Username (String) - stores the username	Restaurant (String) - stores restaurant name

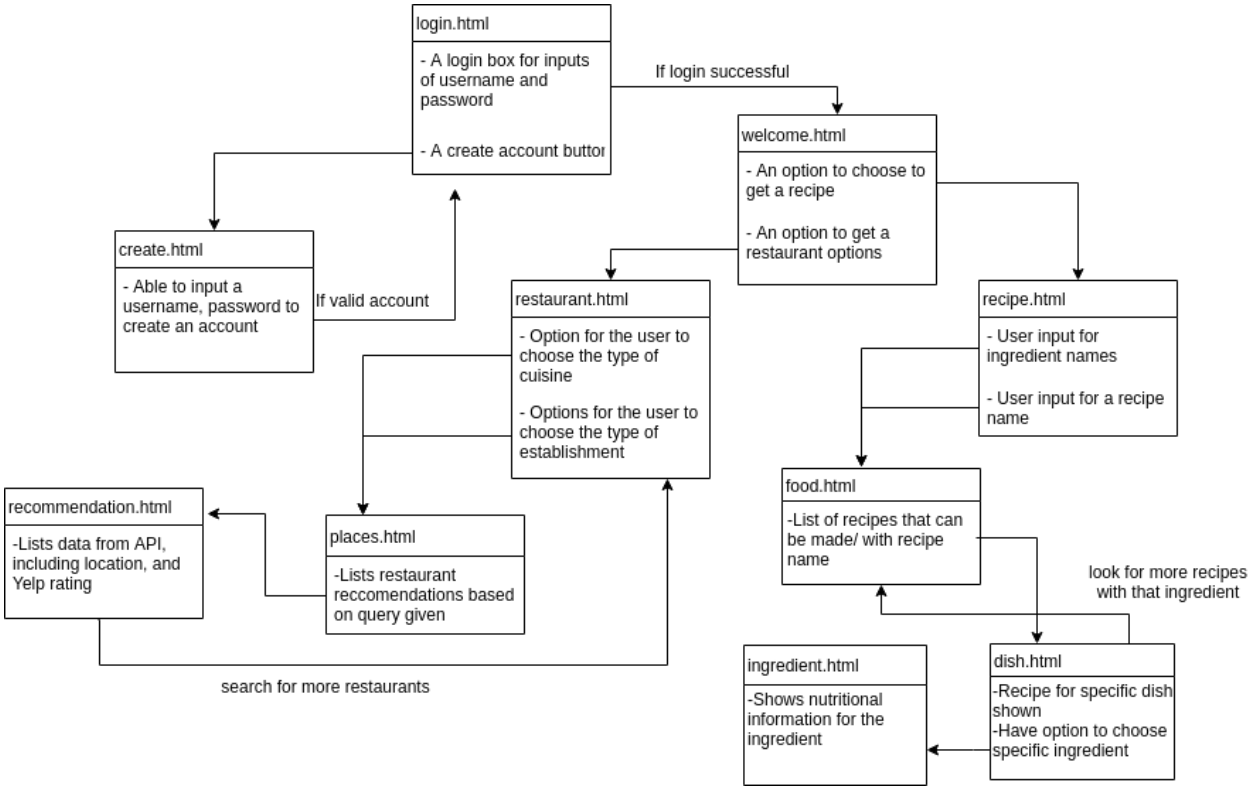
RVRec(Recently Viewed Recipe)

Username (String) - stores the username	Recipe (String) - stores recipe name

Component map



Site map



*****ALL ARROWS ARE DOUBLE SIDED, USER IS ABLE TO GO BACK TO PREVIOUS PAGE**

Steps to Success

1. Refactor login, register, logout code from previous project
2. Create the database to store users
3. Create methods for retrieving and processing data from APIs
4. Create templates for html pages
5. Render html pages through app.py
6. Modify html pages using bootstrap framework