Team RGB:

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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.	Id (INT)- Number assigned to the user to help facilitate the creation of the second table below

FavRest (Favorite Restaurant)

UserID (INT) - records user ID	Restaurant (String) - stores restaurant name

FavRec (Favorite Recipe)

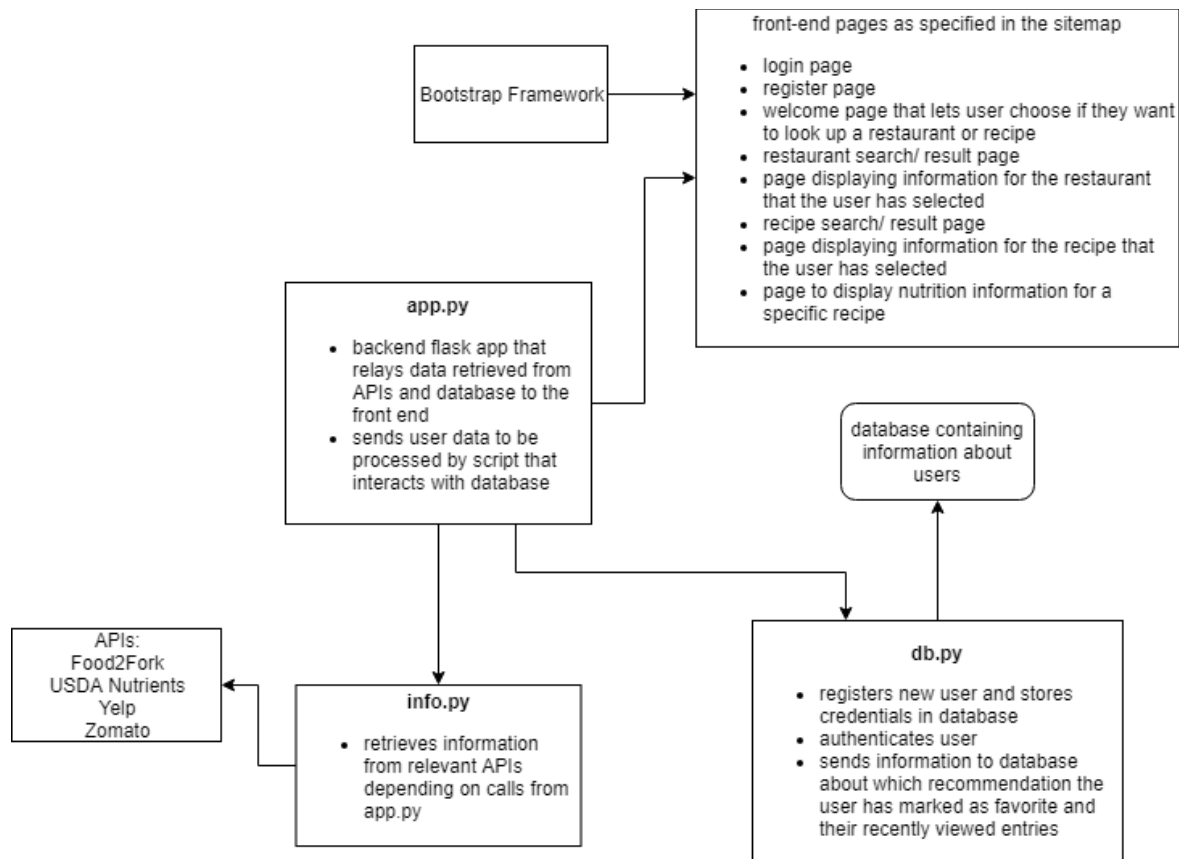| UserID (INT) - records user ID	Recipe(String) - stores recipe name

RVRest (Recently Viewed Restaurant)

UserID (INT) - records user ID	Restaurant (String) - stores restaurant name

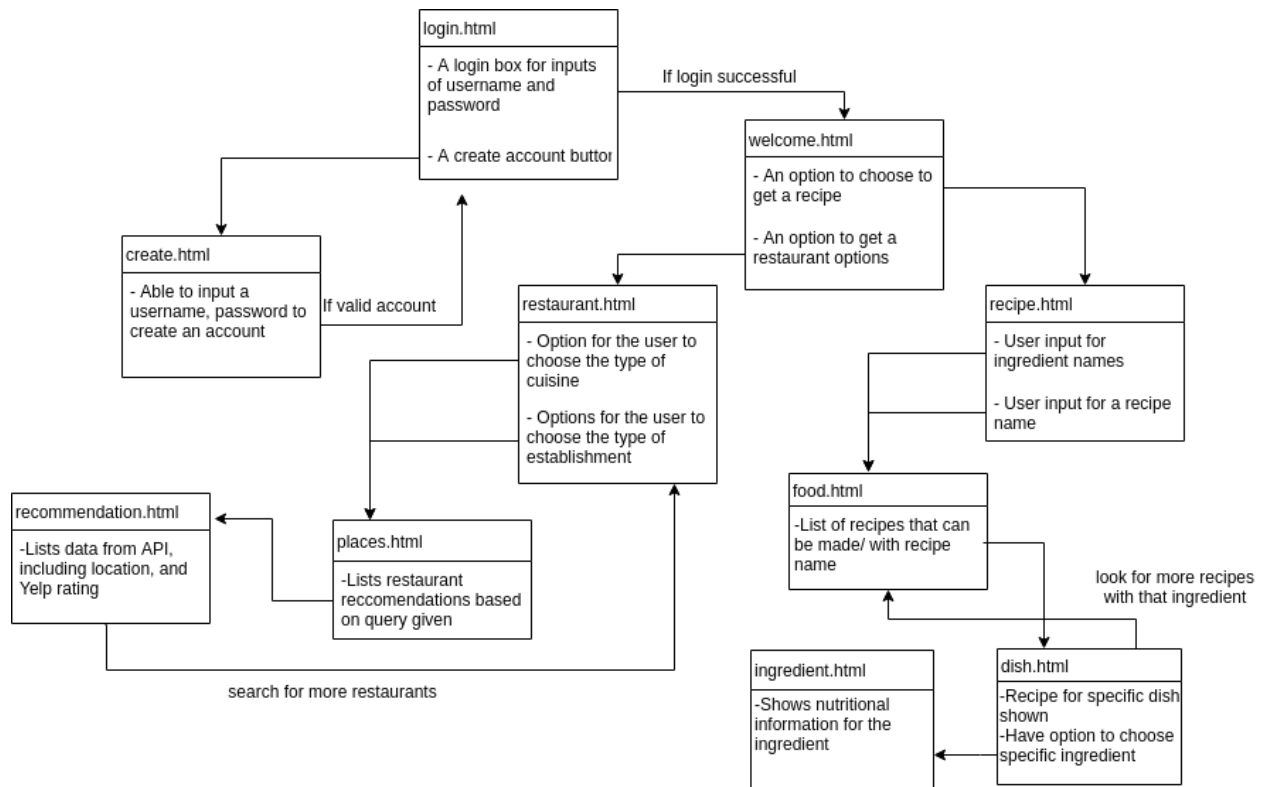**RVRec(Recently Viewed Recipe)**

UserID (INT) - records user ID	Recipe (String) - stores recipe name

Component map

Site map

login.html
- A login box for inputs of username and password
- A create account button

If login successful

welcome.html
- An option to choose to get a recipe
- An option to get a restaurant options

create.html
- Able to input a username, password to create an account

If valid account

restaurant.html
- Option for the user to choose the type of cuisine
- Options for the user to choose the type of establishment

recipe.html
- User input for ingredient names
- User input for a recipe name

recommendation.html
-Lists data from API, including location, and Yelp rating

places.html
-Lists restaurant reccomendations based on query given

food.html
-List of recipes that can be made/ with recipe name

look for more recipes with that ingredient

search for more restaurants

ingredient.html
-Shows nutritional information for the ingredient

dish.html
-Recipe for specific dish shown
-Have option to choose specific ingredient

***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