PapaAJMusselSoup – Anna Fang, James Yu, May Qiu, Russell Goychayev
Softdev
p01: ArRESTed Development
time spent: 2.5 hours
Target ship date: 2022-01-03

Assignment: p01
Chosen APIs:
EDAMAM Recipe API
https://github.com/stuy-softdev/notes-and-code/blob/main/api_kb/411_on_recipies.md

FoodAPI
https://github.com/stuy-softdev/notes-and-code/blob/main/api_kb/411_on_FoodAPI.md

Love Calculator API
https://github.com/stuy-softdev/notes-and-code/blob/main/api_kb/411_on_LoveCalculator.md

Component List
Login.html: has button linking to create route and sign in. You can
      create an account or you can sign in.

Register.html: creates account. Afterwards, you are automatically
      brought back to login. Password Requirements: 1+ number, 7+
      characters

Landing.html: Displays your favorite recipes, in order
      has a button to login/logout,explore, friends, leaderboard.
         - Profile page for the logged in user (liked recipes,
            followers, and following lists)

addfriends.html: Displays a list of all unfollowed people that our
website recommends you to follow (determined by the Love calculator
API). Clicking on a person's name will bring you to their profile. Has
buttons to logout, home, leaderboard, explore.

Profile.html: Each person has their own "profile" (containing their
liked recipes and following and followers)
   - you can view your friends' profiles by clicking on their
      usernames via the addfriends page. There, you can see the foods
      they like and their followers/following just like instagram.

**Leaderboards.html: The most popular recipes across the website will

be shown on this file. Has buttons to logout, home, friends,
leaderboards, explore.
   - Contains like buttons next to each element on the board for
     the user to like

Explore.html: Shows all recipes. Each recipe has a button to "like"
next to it. Has buttons to home, logout, addfriends, leaderboard, and
search.

Search.html: Shows result for what you have searched for. Has button
      to logout, home, friends, leaderboards, and explore.

Results.html: shows information about a recipe including ingredients
and nutritional information. Has button to logout, home, addfriends,
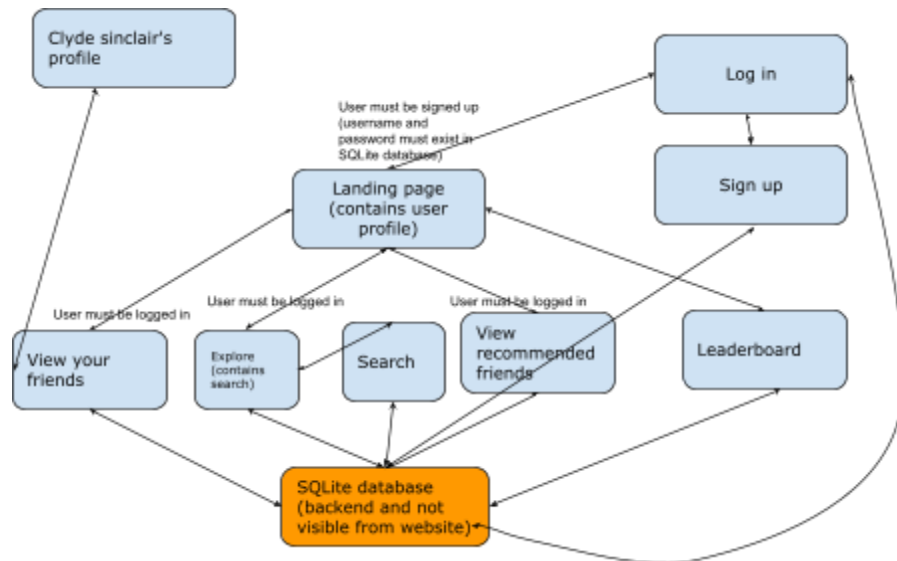leaderboards, and explore.

Navbar and Footer:
   - On every page
   - to help you navigate around the website.
   - Displays our teamname at the bottom of the page

Music: On every page and plays automatically except for the landing
page, where music is turned on and off manually.

__init.py: init py will have the flask app

api.py does api calls and has helper methods to facilitate this

Component Map

Database Organization

Users_info

Username text	Password text	Followers text	Following text	liked_reci pes TEXT
may	imsosad123	kevinL Elmo	Iwantcolle ge Imsosad	Redbull

Users_info: create table users_info(username text, password text, followers text, following text, liked_recipes text);
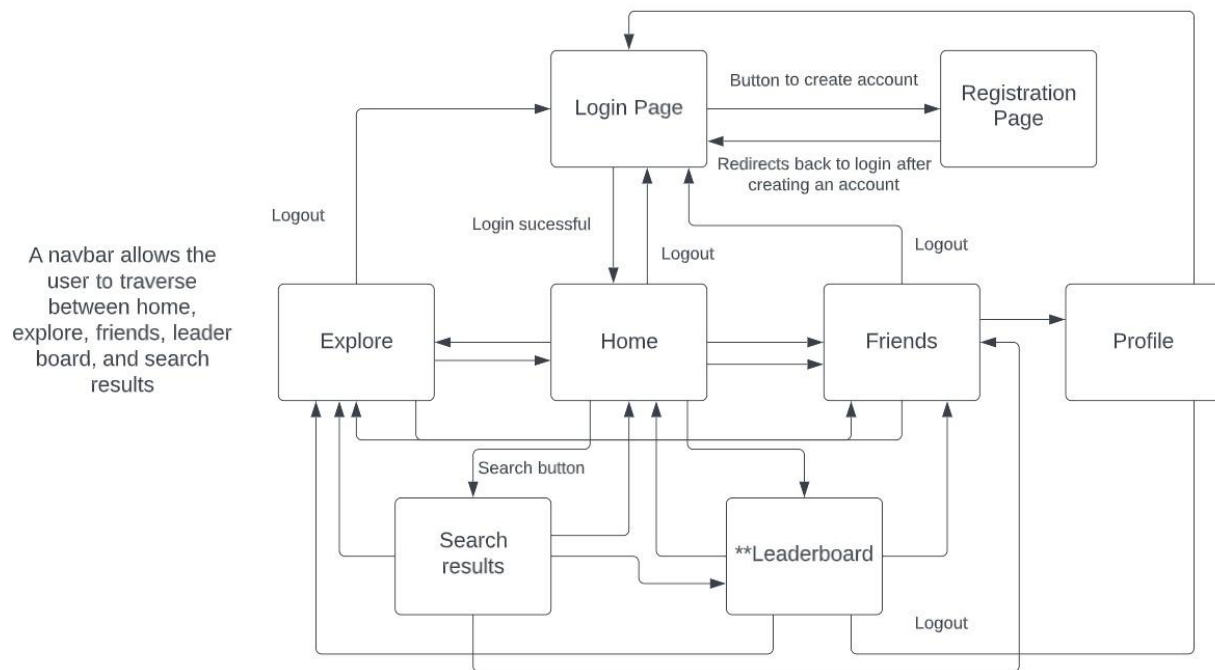- Username is unique.

- A row will be like this: "james", "abc123", "anna may russell", "mussel soup,garlic bread") . followers/following is a string of names separated by spaces. Liked_recipes is a string of recipes separated by commas.

Foods

dish_name text	likes integer
Mussel soup	4

foods: create table foods(dish_name text, likes integer);

Site Map

Login Page

Button to create account

Registration Page

Redirects back to login after creating an account

Logout

Login sucessful

Logout

Logout

A navbar allows the user to traverse between home, explore, friends, leader board, and search results

Explore

Home

Friends

Profile

Search button

Search results

**Leaderboard

Logout

Front-end Framework

Bootstrap
- Bootstrap is easier to understand and more beginner-friendly than Foundation
- We are going to use the search bar, the grid system for resizing and making it mobile-friendly.
- We are going to make it colorful and cool

Task Breakdown

*** we will be working together through vscode share, but each person/pair will be held responsible for one specific element of the project (leading the effort, making sure it works, etc)*

Flask/Python files - Anna + Russell
Database - Anna + Russell
HTML/CSS - James + May

MVP:
Everything except for the elements listed below

Stretch goals:
- Leaderboards [DONE]
- Comments [NOT DONE]

- Friend requests [NOT DONE]
- Profile pictures [NOT DONE]
- Making your own posts [NOT DONE]
- DMing people [NOT DONE]
- Music (like Myspace!)[DONE]