Project Title: Mealbot

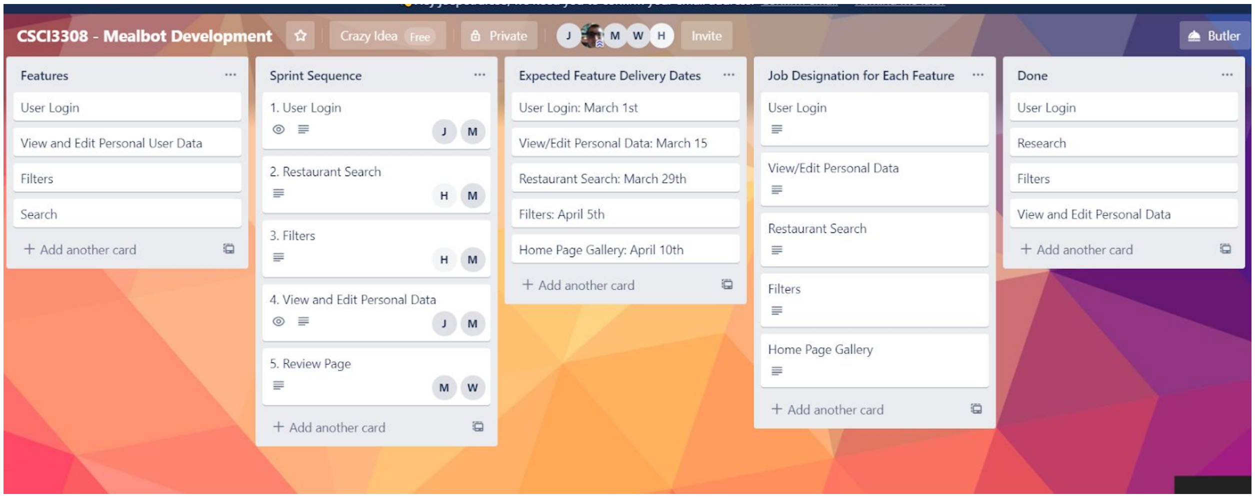
Team members:
Wanglibo Chen
Joseph Petrafeso-crosby
Malik Tefridj
Huajian Qiao

Project Description:

Mealbot is a tool for someone looking for a meal. On the homepage it offers a search bar where one can enter in a search for a restaurant or a specific meal and will be matched with corresponding meals or meals of the corresponding restaurant. This is done through our MySQL database and Tornado Server. The meal search also offers a filter option that allows the user to set specific preferences which filters the search results. The user may also see results for a randomized meal if they do not have anything specific in mind. Mealbot also offers a login feature. Where one can sign up, login to an existing account, change their username, change their password, or change the meal preferences. Meal preferences can be set to a specific account in the profile page and the search will automatically apply these. However, the user can also use the filters on the home page for a temporary meal filter. We had also wanted to implement a review page where the user could leave reviews on individual meals they had eaten but were unfortunately unable to implement this in time.

The difference between our project and existing softwares on the market is we allow more of an ability to customize their eating habits and dietetic contraindications. We also made sure to do this by making it simple and easy for the user to do this through our profile and temporary filter settings.

Project Tracker:
https://trello.com/b/UzUKR308/csci3308-mealbot-development



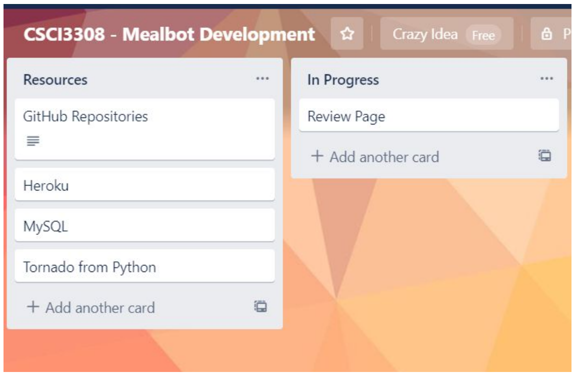
Features
- User Login
- View and Edit Personal User Data
- Filters
- Search

Sprint Sequence
- 1. User Login (J, M)
- 2. Restaurant Search (H, M)
- 3. Filters (H, M)
- 4. View and Edit Personal Data (J, M)
- 5. Review Page (M, W)

Expected Feature Delivery Dates
- User Login: March 1st
- View/Edit Personal Data: March 15
- Restaurant Search: March 29th
- Filters: April 5th
- Home Page Gallery: April 10th

Job Designation for Each Feature
- User Login
- View/Edit Personal Data
- Restaurant Search
- Filters
- Home Page Gallery

Done
- User Login
- Research
- Filters
- View and Edit Personal Data



Resources
- GitHub Repositories
- Heroku
- MySQL
- Tornado from Python

In Progress
- Review Page

VCS:

https://github.com/nxtarch/CSCI-3308_Crazy_Idea_Software_Development_Code

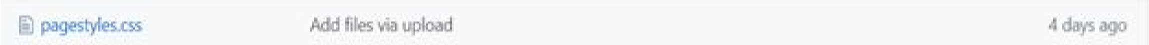
Contributions:

Joe:

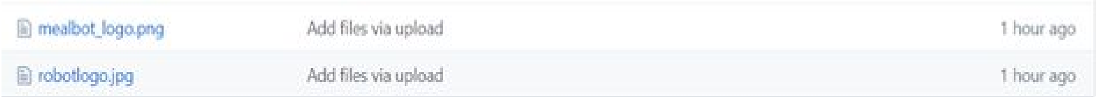
Mainly front end features including: sticky nav-bar, title jumbotrons, footer, login modal, homepage carousel, most of the profile page, and a css sheet for font,color, and button settings. This was done with HTML, CSS and BS4.

Designed JS functions for the various buttons on the profile page and nav-bar.Also designed much of the site layout with wireframe and original Database Model.

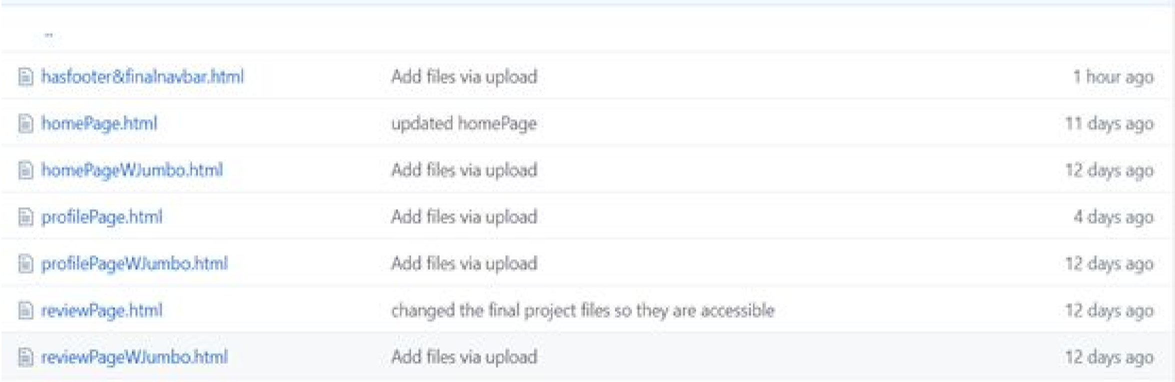
Technologies used were mainly Atom text editor.



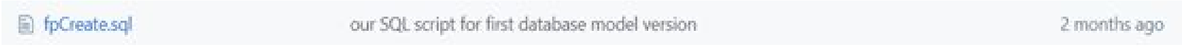
pagestyles.css Add files via upload 4 days ago



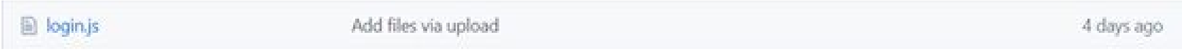
mealbot_logo.png	Add files via upload	1 hour ago
robotlogo.jpg	Add files via upload	1 hour ago



..		
hasfooter&finalnavbar.html	Add files via upload	1 hour ago
homePage.html	updated homePage	11 days ago
homePageWJumbo.html	Add files via upload	12 days ago
profilePage.html	Add files via upload	4 days ago
profilePageWJumbo.html	Add files via upload	12 days ago
reviewPage.html	changed the final project files so they are accessible	12 days ago
reviewPageWJumbo.html	Add files via upload	12 days ago



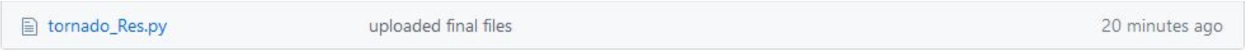
fpCreate.sql	our SQL script for first database model version	2 months ago



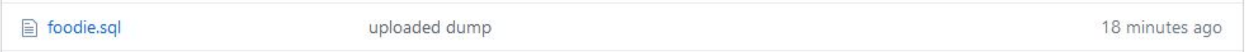
login.js	Add files via upload	4 days ago

Malik:

Created a local database using MySql and created the middle layer server using Python tornado. Once all created, I helped link the pages together and query the results.



tornado_Res.py	uploaded final files	20 minutes ago



foodie.sql	uploaded dump	18 minutes ago

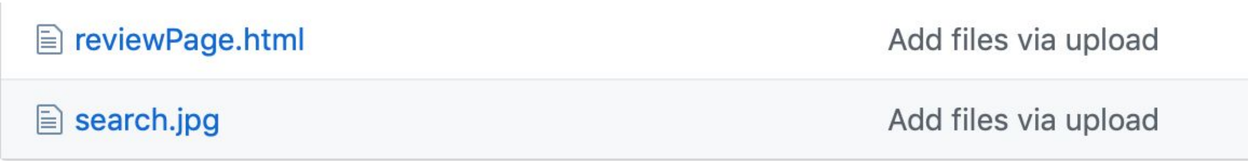
Huajian:

Did the frame of the search bar as well as the filter option by using HTML and CSS, including the styling and basic filter results with bootstrap. Also did the styling using CSS which makes the search results cleaned into boxes instead of messy unordered contents. Technologies being used were mostly Sublime text editor.

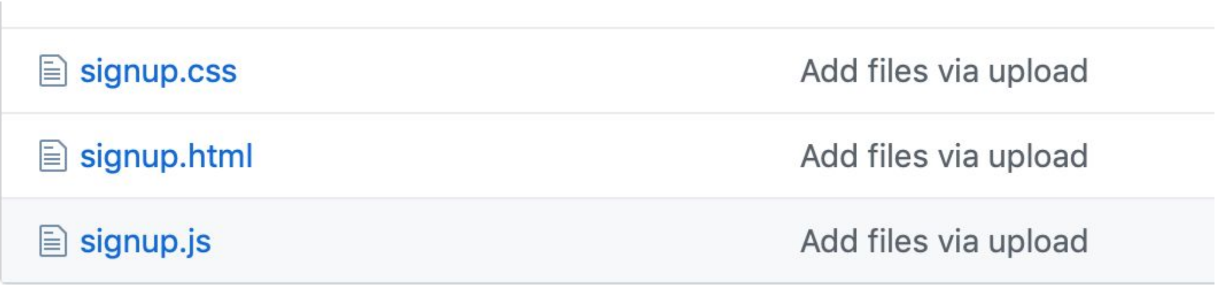
Search Filter.zip	Add files via upload
search_style.css	Add files via upload

Wanglibo:

Did the html frame of the review page by using html and css which include a text box for comment, search bar, star rate , and some parts of the signup modal by using css, js, and html.



reviewPage.html	Add files via upload
search.jpg	Add files via upload



signup.css	Add files via upload
signup.html	Add files via upload
signup.js	Add files via upload

Deployment: Heroku was still getting errors uploading data with us so there's a sql dump file called 'foodie.sql' that contains all the data. Create a local instance and adjust the connection setting in the top of tornado_res.py. To run the program, use python tornado_res.py in command line and the home page runs on localhost:8000/homepage

Repo Organization Structure:

The views folders contain all the html files, while resources included both the javascript and the images. All css was mostly done using the style sheet within the html file. The server sits outside both directories.