

Product backlog – list of functionality for our project

1. Home Page Module

- **Display Welcome Message:** Show a greeting or introductory message to the visitors.
- **Display Restaurant Vision:** Present the vision or mission statement of the restaurant.
- **Display Restaurant Photo:** Show a high-quality image of the restaurant to create a welcoming atmosphere.

2.. About Page Module

- **Display Restaurant Photo:** Show another image of the restaurant, different from the one on the home page.
- **Display Restaurant Information:** Present the restaurant's introduction, history, and cuisine overview.
- **Show Location:** Embed a map for the address on Carnegie Street, with the contact number for inquiries.
- **Display Operational Details:** Show the restaurant's open hours, contact information and location, integrated with a Google Maps interface.

3. User Account Module

- **Login Page:** Provide a login form and authenticate users.
- **Registration Page:** Include a registration form for new users to create an account.
- **Customer Profile Page:** Display user's basic information, profile picture (with an option to upload or use a default image), reservations, and options to modify or delete reservations, also can modify their personal information.

4. Reservation Module

- **Reservation Page:** Display available tables, filter options by time, and enable users to make reservations by clicking the table.

5. Menu Module

- **Menu Display:** Show all cuisines with names, price and descriptions.
- **Dish Description:** Display the name prominently at the top. Include a brief, enticing description of the dish.
- **Average Rating Display:** Calculate and display the average rating dynamically from submitted reviews. Use a visual representation (stars) for the rating, ensuring it updates in real time as new reviews are added.
- **Review Submission Form:** Provide a text field for users to input their review. Include a star-based rating system where users can click to rate from 1 to 5 stars.

- **User Reviews Section:** List individual reviews with the reviewer's name, comment, and star rating. Include timestamps for each review to indicate when they were submitted.

6. Administration Module

- **Admin Page:** Display all reservations and provide the administrator with the ability to modify the menu.

7. UI design

8. Data model design

9. Cloud deployment

Sprint #1 backlog – list of functionality and who implements it

- UI design Tianqi Zhang Sirui Chen
- Data model design Tianqi Zhang Sirui Chen Zhihao Ding
- Home page module frontend Sirui Chen
- Login and registration frontend Tianqi Zhang
- About page module frontend Zhihao Ding Sirui Chen

Sprint #2 backlog – list of functionality and who implements it

- Reservation page frontend Sirui Chen
- Reservation page backend with AJAX Sirui Chen
- Menu page frontend Zhihao Ding
- Login & registration frontend and backend Tianqi Zhang
- Customer profile page frontend Tianqi Zhang

Sprint #3 backlog – list of functionality and who implements it

- Menu Page backend with AJAX Zhihao Ding
- Finalize reservation with atomic transition, email ending, and notification Sirui Chen
- Customer profile page backend Tianqi Zhang
- Admin Page Sirui Chen
- Deployment Sirui Chen

Product owner

Name: Sirui Chen
AndrewID: siruiche

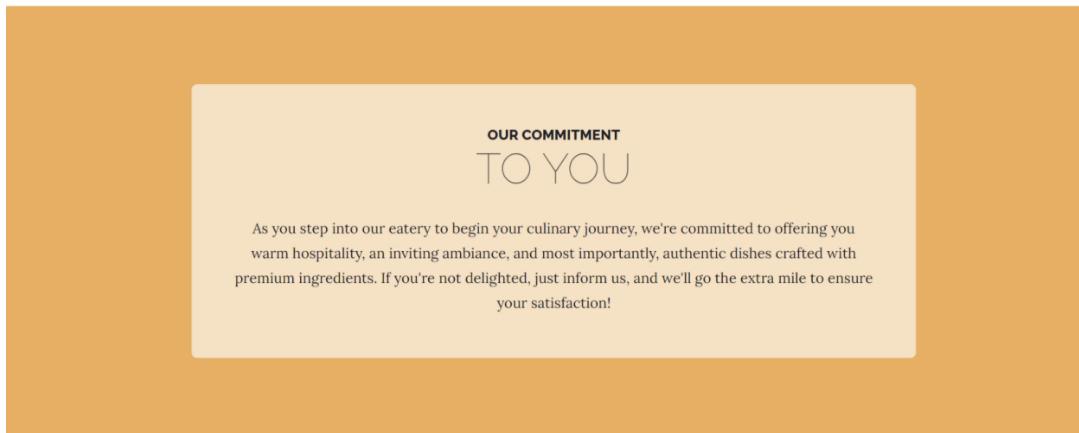
Data model

https://github.com/cmu-webapps/s24_team_14/blob/main/Django_proj/restaurant/models.py

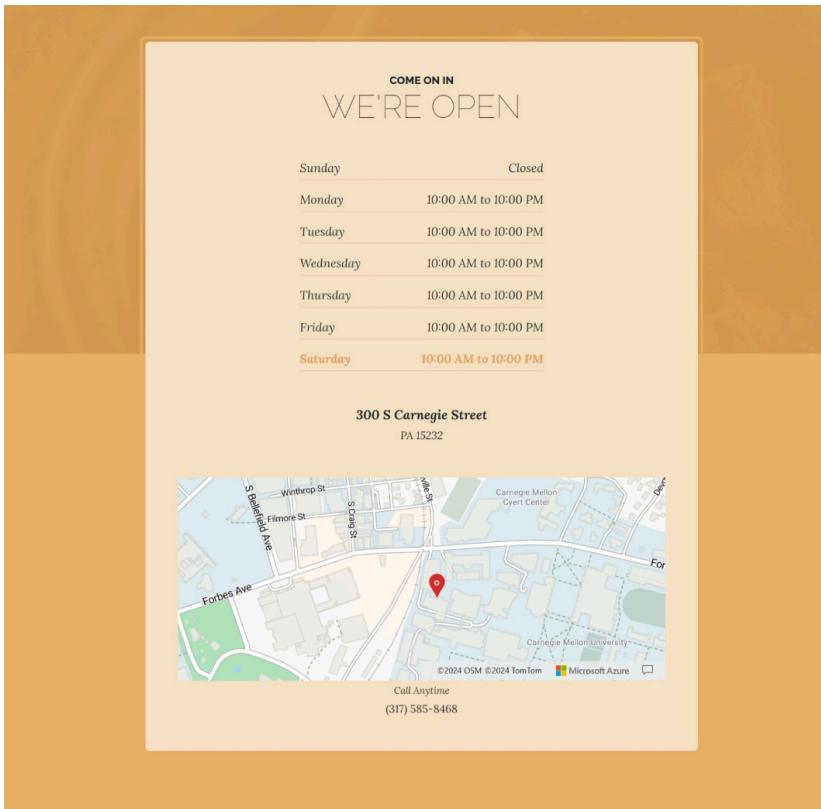
UI mockup

UI for “Home” Page (The rest pages follows this style)

The clickable navigation bar is the one in black and has home, about, reservation, menu, and me (total five buttons) to click on. Clicking on each button will jump to the corresponding page.



UI for “About” Page



HARMONIZING FLAVORS. CELEBRATING TRADITION.

ABOUT

Jarnam Symphony is a vibrant restaurant with over 20 years history specializing in Chinese cuisine, blending traditional flavors with a modern twist. Located in the city's heart, it offers a curated selection of dishes from China's various regions, ensuring a unique dining experience in an elegant setting.

UI for “Menu” Page

ENTREE

Kung Pao Chicken

Spicy stir-fried chicken with peanuts, vegetables, and chili peppers.

Price: \$12.99

Mapo Tofu

Spicy and hot tofu dish with minced meat (usually pork or beef), fermented beans, and chili oil.

Price: \$10.99

APPETIZER

Dumplings

Dough pieces filled with meat and vegetables, typically steamed or fried.

Price: \$8.99

Hot and Sour Soup

A rich broth containing ingredients such as mushrooms, bamboo shoots, tofu, and pork.

Price: \$7.99

BEVERAGE

Green Tea

Freshly brewed green tea, known for its health benefits and soothing properties.

Price: \$2.99

Bubble Tea

Sweet, milky tea with tapioca pearls, a popular Taiwanese drink.

Price: \$4.99

DESSERT

Mango Pudding

A refreshing dessert made from mangoes, cream, and sugar, set into a soft pudding.

Price: \$5.99

Egg Tart

A sweet pastry crust filled with a smooth, creamy egg custard, baked to perfection.

Price: \$3.99

Kung Pao Chicken

Spicy stir-fried chicken with peanuts, vegetables, and chili peppers.

Average Rating:



Submit Your Review



Submit Review

David

2024-04-20 09:51:13

ok

Rating: 3.0 stars

David

2024-04-20 09:51:18

wow

Rating: 4.0 stars

yy

2024-04-20 18:18:20

Taste bad

Rating: 1.0 stars

game

2024-04-20 18:45:36

I don't like it.

Rating: 1.0 stars

UI for “Reservation” Page and “Me” Page

“Reservation” Page — Users can click on date and time to select a desired date/time for them, and they can click on the table to make a reservation. (Users have to log in to make reservation)

“Me” Page — Users can edit their profile picture, reservation, email, and phone by clicking on the “pencil” button. Users can delete a reservation by clicking the “bin” button. Users can log out by clicking the logout button, and the logout button will be a login button that redirects to login page.

BOOK YOUR TABLE: DON'T MISS OUT!

Welcome! To reserve a table, start by selecting your preferred time slot. Then, simply click on an available table to make your reservation for today. Tables highlighted in red are currently unavailable. Rest assured, the layout you see on our website mirrors the arrangement in our restaurant. Let's get you seated!

Select a Time: 10:00 AM ▾

The floor plan shows a rectangular room with a grid of tables and chairs. There are two tables highlighted in red, one in the top row and one in the middle row. The rest of the tables are white with black outlines. The room has a dark border. On the left side, there is a vertical grey bar with the word "Entrance" written on it. On the right side, there is another vertical grey bar with the word "Kitchen" written on it.

Kindly Note

- You can modify or cancel your reservations at any time by visiting the 'Me' page on our website.
- If your plans change, we kindly ask that you cancel or modify your reservation at least 3 hours in advance.
- On occasion, we experience a high volume of guests. While we strive to honor all reservations promptly, there may be times when seating is delayed. Please be assured that we do our utmost to accommodate you as close to your reserved time as possible.

Logout

HELLO, GAME!



Upload Picture

My Reservations

No reservations found for today.

My Information

Email:
dzh1531@outlook.com

First Name:
Martin

Last Name:
Luis

Update Information

UI for “Login” Page and “Register” Page

Users can enter username and password to login. Once logged in, they will be redirected to the home page. If they click the register button on the login page, they will be redirected to the registration page. Once registered, they will be redirected to the home page as well.

Login

Username:

Password:

Login

Don't have an account? [Signup](#)

Signup

First name:

Enter your first name

Last name:

Enter your last name

Email:

Enter your email

Username:

Enter your username

Password:

Enter your password

Confirm
password:

Confirm your password

Signup

Already have an account? [Login](#)