CSC 642-842 HCI Summer 2020

"Final Implementation and Evaluation"

Project Name: Gator Grub

Gator Grub is an application that allows users to order food online from their favourite restaurants.

Team 03

Team Members:

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Version:

Version No.	Date	Comments(if any)
01	08/04/2020	Initial document

I. Executive Summary

Gator Grub is an application that allows users to order food from a particular restaurant or shop, and get it delivered to their footsteps. It will also have a pickup option. This will allow the users to get food without any hassle. Although there are a variety of other applications and websites for food ordering, Gator Grub has several features that make it stand out. Our first aim here is to get the user to order food without any registration/login requirements, which will familiarize the user with the application before requiring and prompting them to sign up / login before checkout (Lazy Registration). Additionally, our application shall allow the vendor to quickly and easily add and edit their restaurant information to the application. This makes it an appealing option from both the perspectives of the customers who are ordering, and the vendors who are selling.

Our application has various features, some of which include:

1. Getting food from nearby restaurants by a single click
2. Avoiding delivery fees for upto 5 mile range
3. Extremely user-friendly experience
4. Safety tag for COVID-19
5. Scheduled orders
6. Discounts for SFSU students

This should create an overall simple and enjoyable user experience, and consequently encourage them to sign-up/register.

II. Platform and Tools used in Project

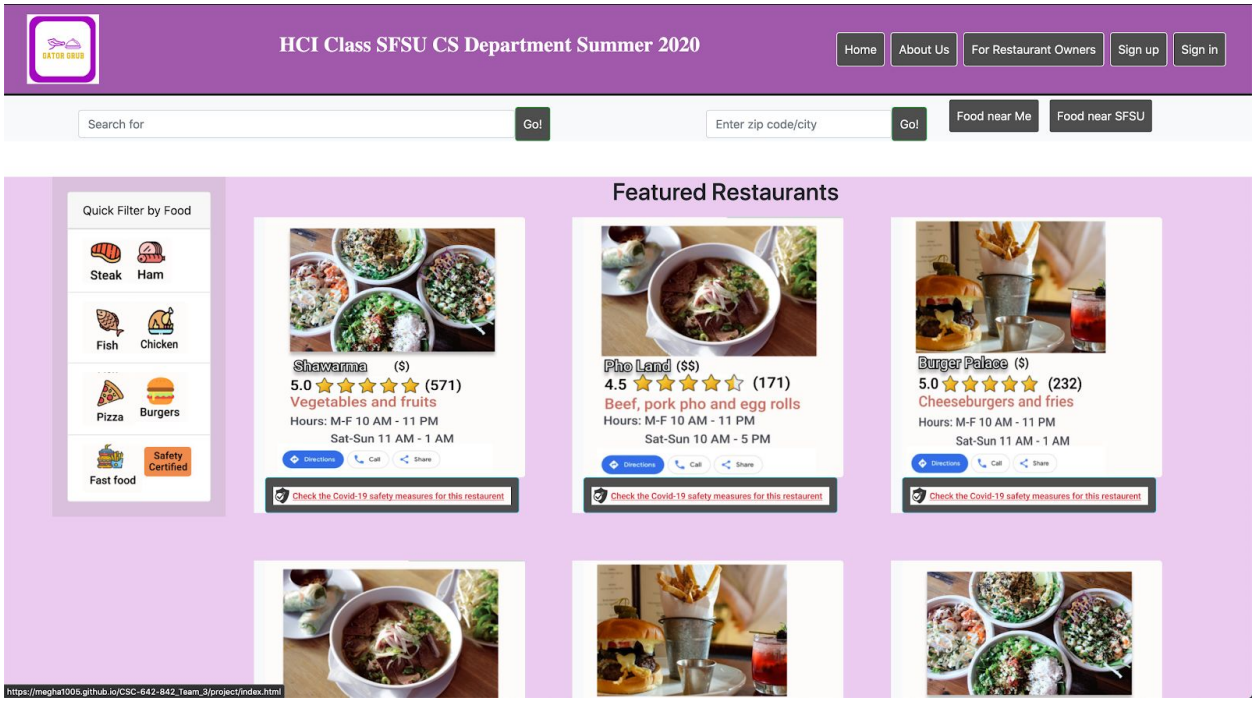
- UX Design Tool:Figma
  - Used for section 2.2 Initial (Low-Fidelity) UI/UX Design
  - Used for section 2.3 High-Fidelity UI Design Prototype
- Automated QA Tool: Selenium
  - Used for section 2.5 QA Testing
- API(s) Used
  - Google Maps
- Tech Stack: Frontend
  - HTML
  - Javascript
  - CSS
- Tech Stack: Backend
  - N/A
- Framework
  - Bootstrap

III. Screenshots of current final implementation

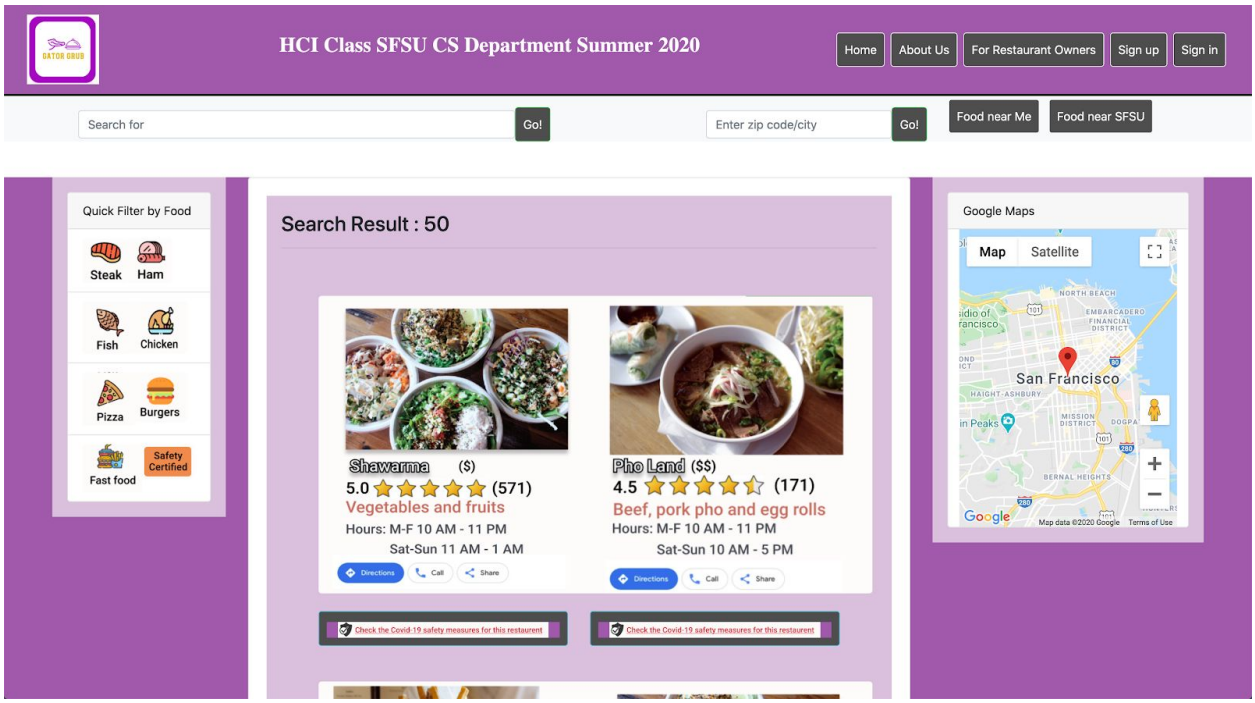
a. Use Case/Storyboard 1: New Customer

Tyler is a full-time student at SFSU and works part-time to cover his expenses. He does not have enough time to prepare food and therefore mostly orders the food from restaurants. He learns about a new application named Gator Grub and thinks to try out the application to order his meal. He quickly downloads the application and finds out that registration is not required and he can quickly look into options of different restaurants by just a single click that requires him to enter his pincode to show the nearby places. He gets happy and goes further and gets some more filters to find out restaurants that are safe during this CoronaVirus pandemic. He is quickly able to add orders to his cart and lastly register to the application. This speeds up the process and Tyler is more happy to see the discount offered to SFSU students and quickly finishes ordering the food.

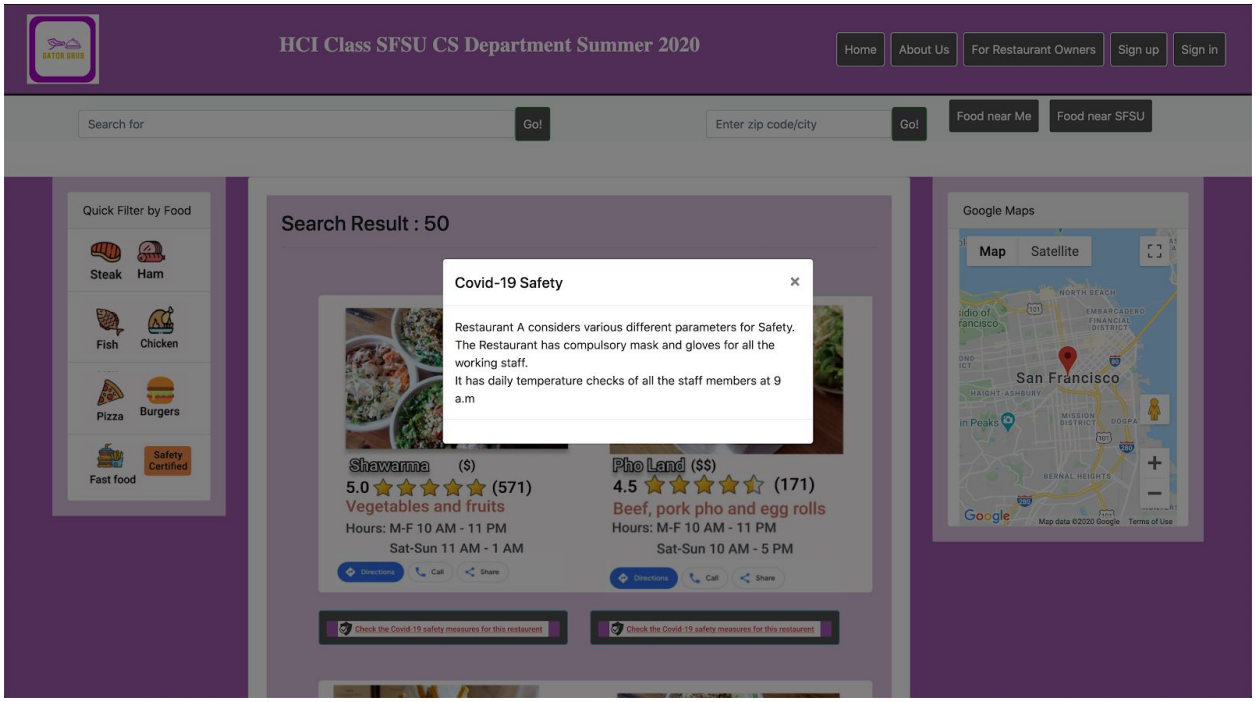
1. Tyler opens the Gator Grub homepage.



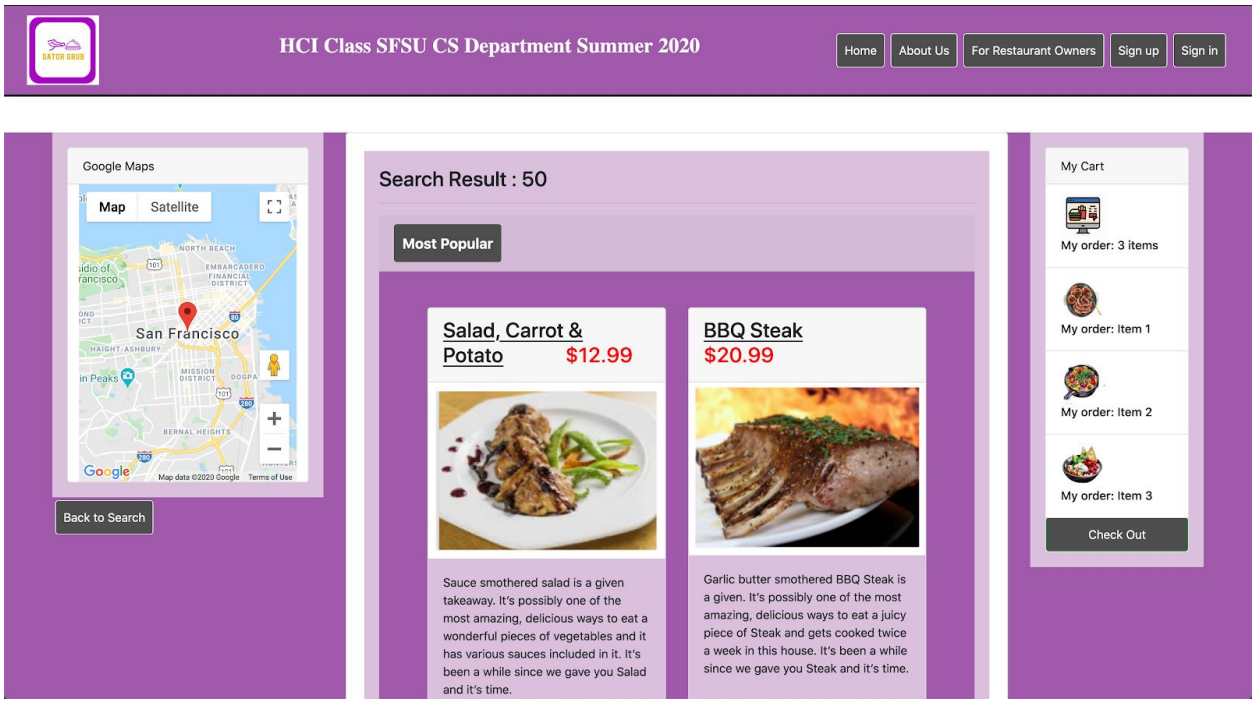
2. He enters a zip code and clicks on"Food near me" and obtains the search results.



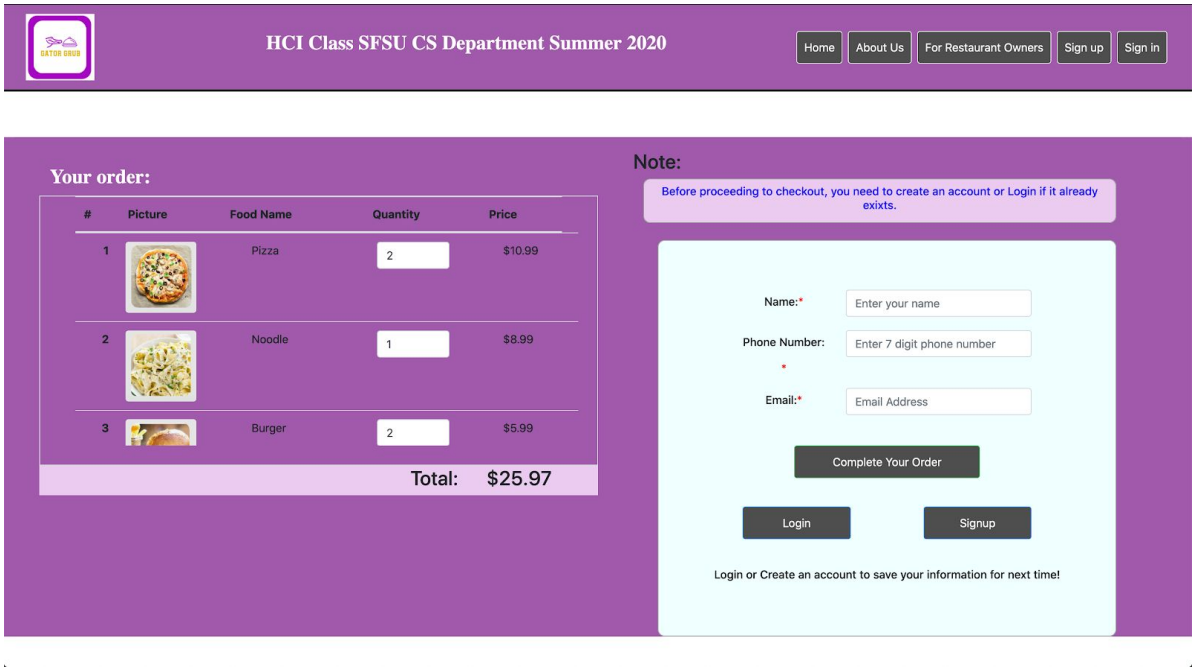
3. He finds out ‘Restaurant A’ and looks into the Covid-19 safety provided by the restaurant.



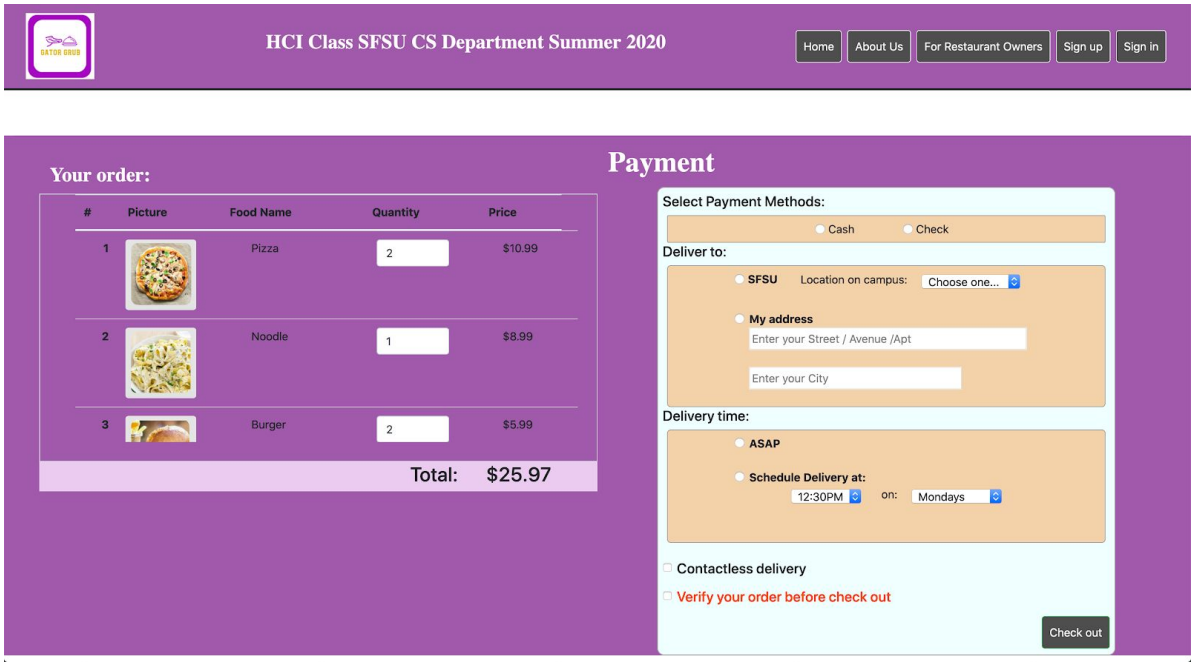
4. Tyler then selects ‘Restaurant A’ and goes to its menu page.



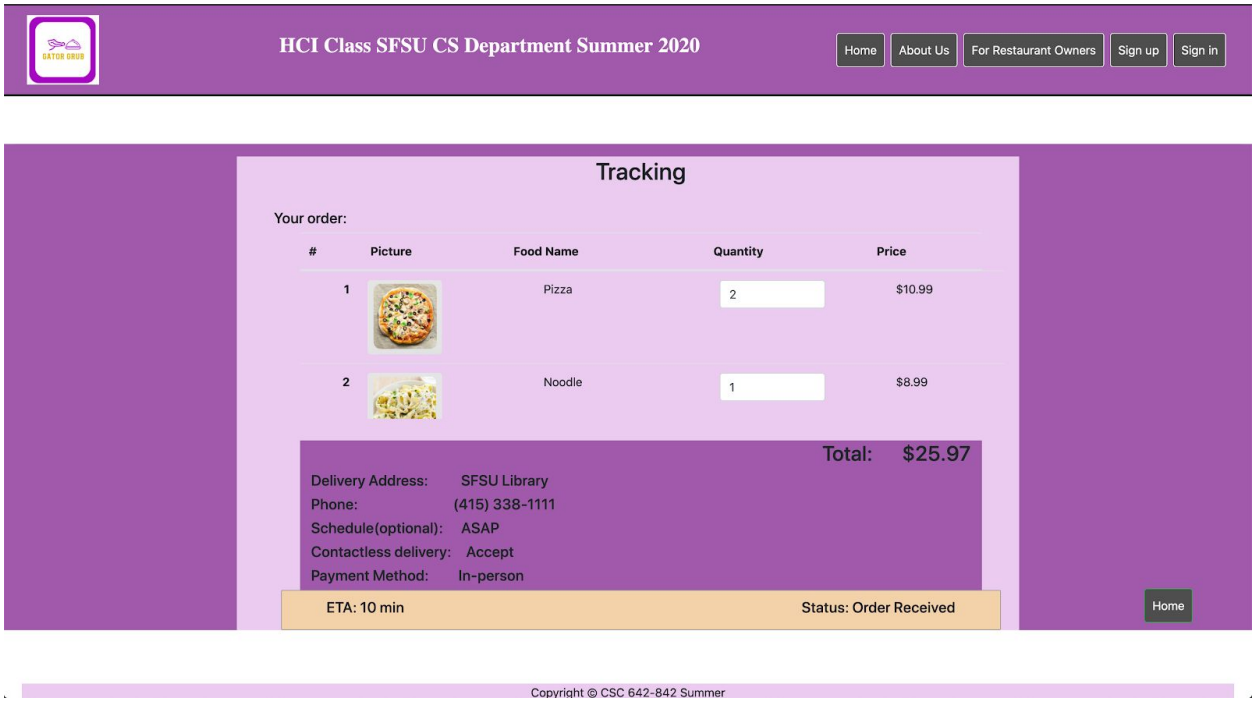
5. He selects a few items and adds them to his cart. He presses checkout and is taken to a page where he can view his cart, and provide his information to complete his order.



6. Once he provides his information, logs in or creates an account, he is taken to the checkout page, where he can select his payment method, and choose his delivery options.



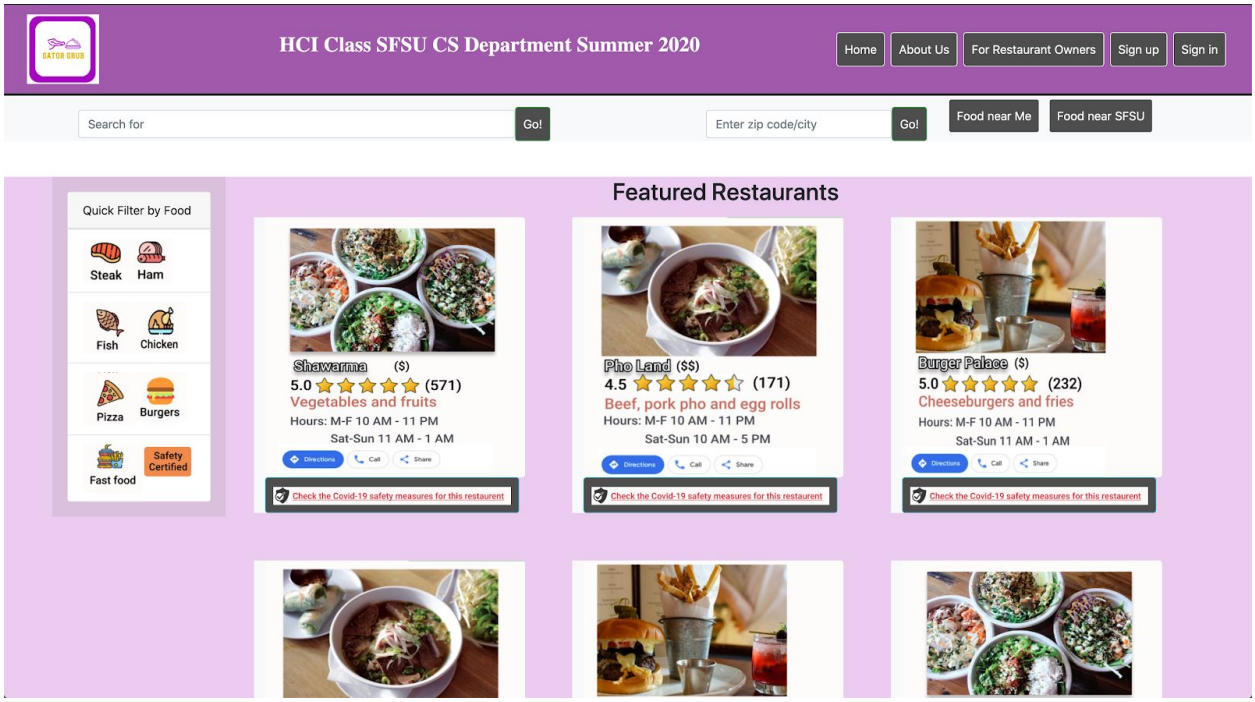
7. Finally, he places the order and is able to track the order progress.



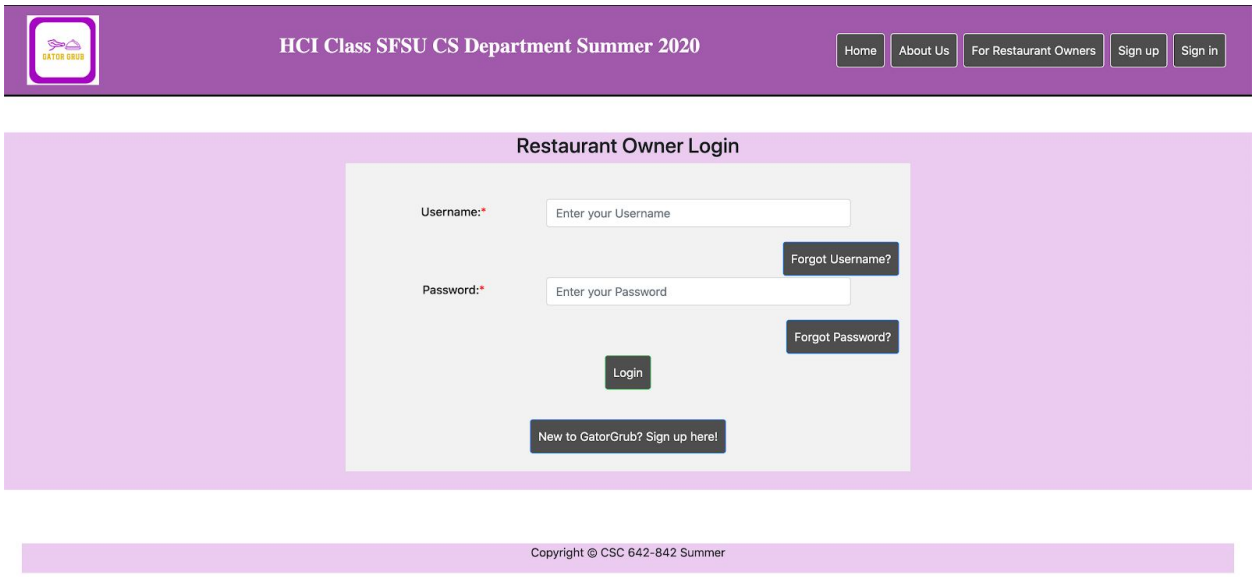
b. Use Case/ Storyboard 2: New Vendor

Miguel owns a bakery in Daly city and is interested in selling his baked food online. He is new to online marketing and does not have good skills in using technologies. He finds out that nearby restaurants are gaining profit by marketing using the Gator Grub application. He decides to use that application and downloads it. He is required to mark a checklist for COVID-19 safety precautions taken by his restaurant. And easily, he adds up his restaurant to the application without any hassle.

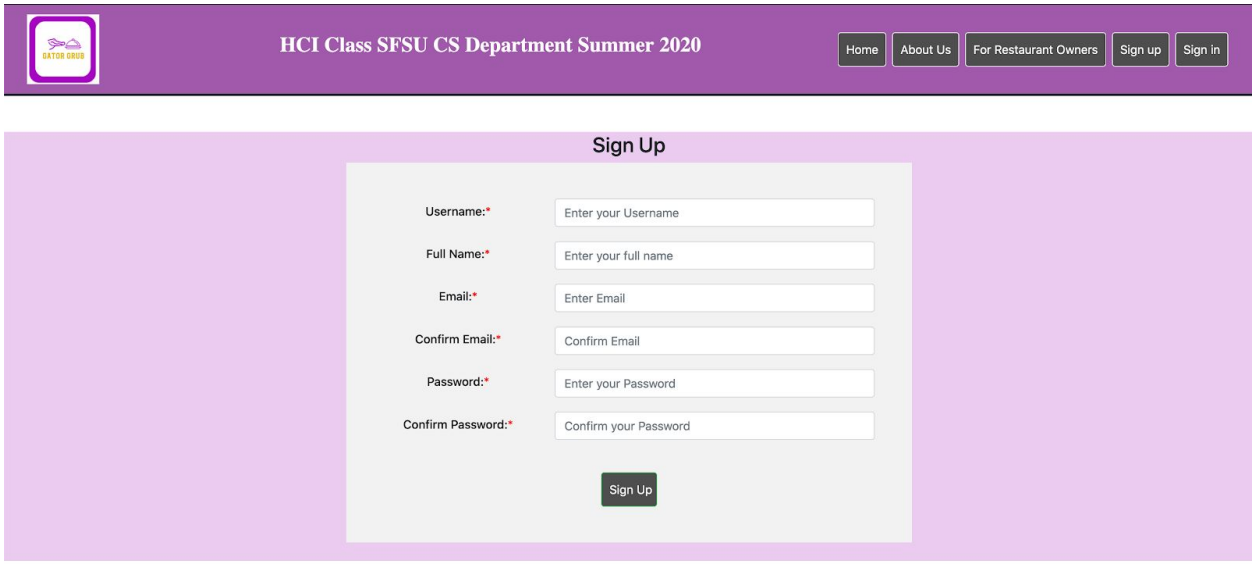
1. Miguel is new to Gator Grub. He goes to the homepage.



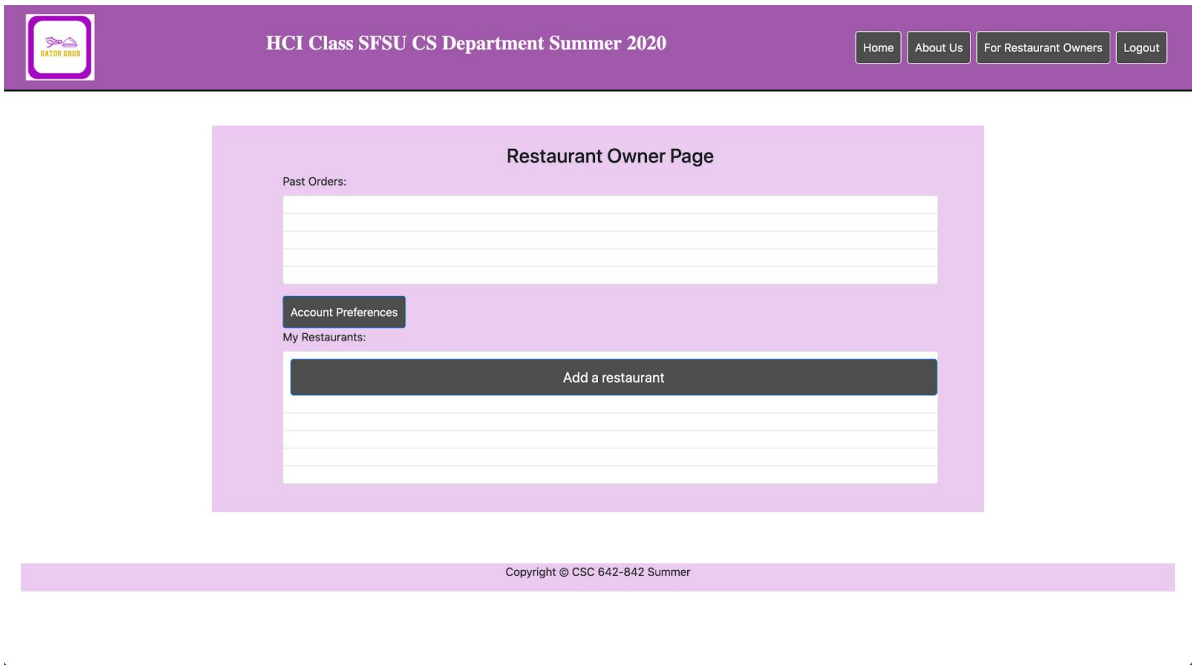
2. He presses the For Restaurant Owners button, which takes him to the login page.



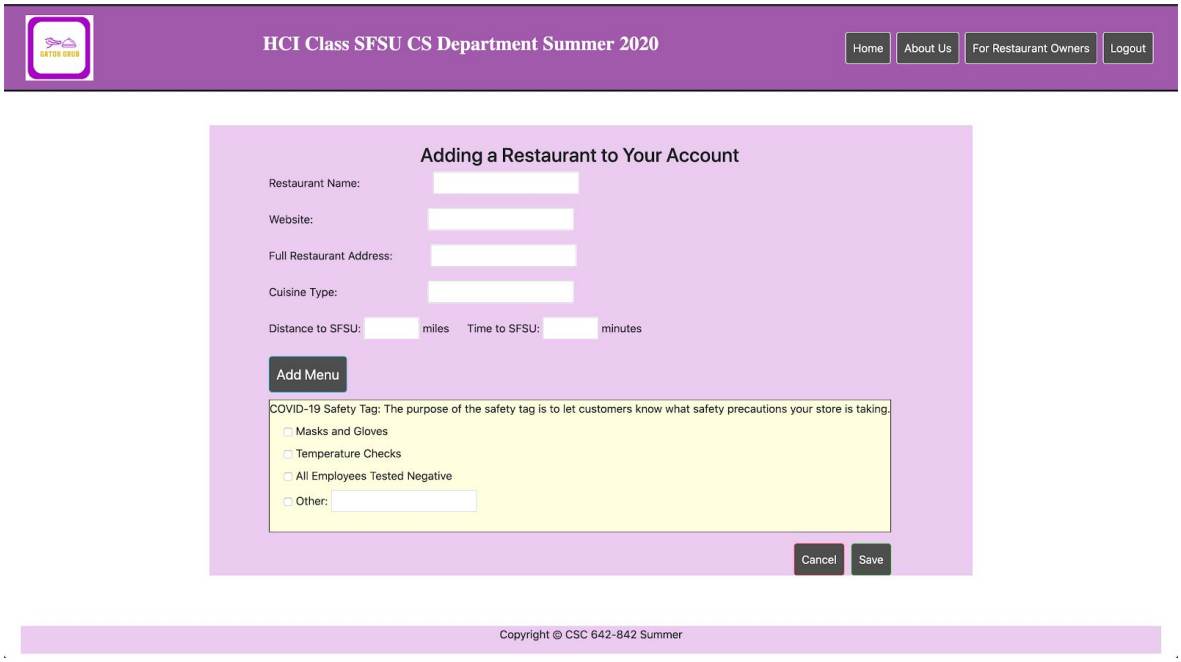
3. Since he does not have an account, he needs to register.



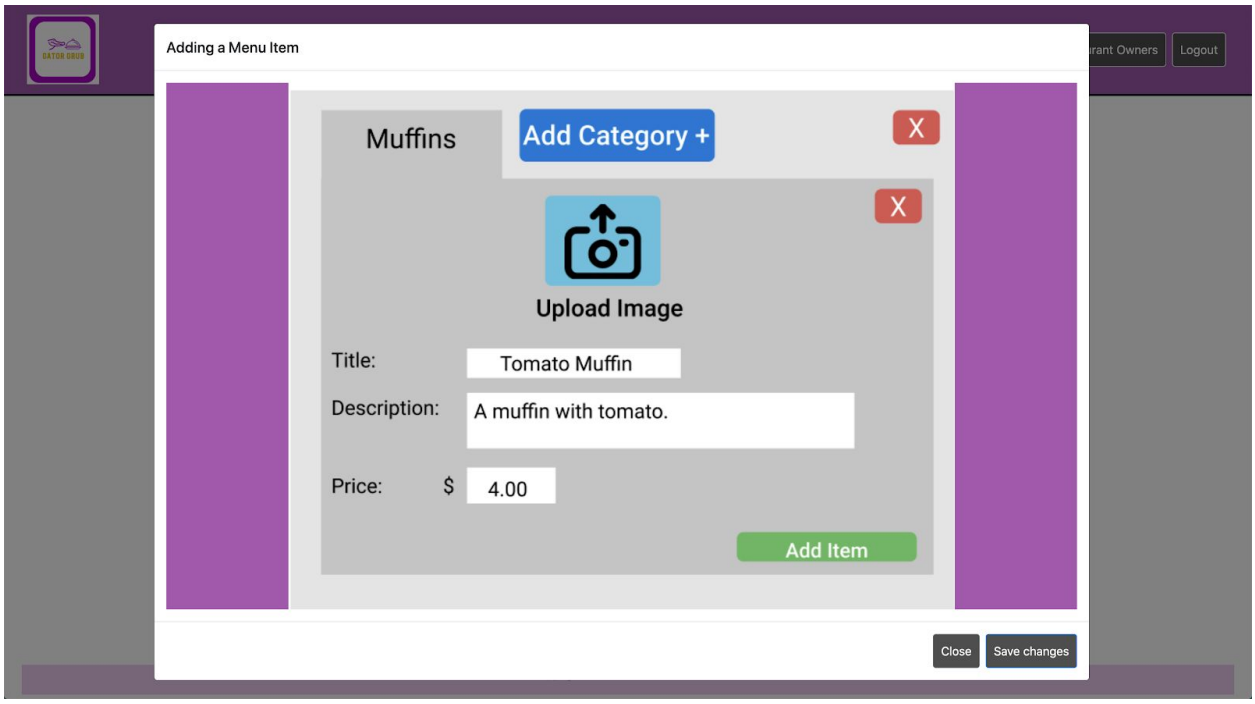
4. After creating an account, he is taken to the Accounts page, where he can see all the past orders if any, or have an option of adding a restaurant.



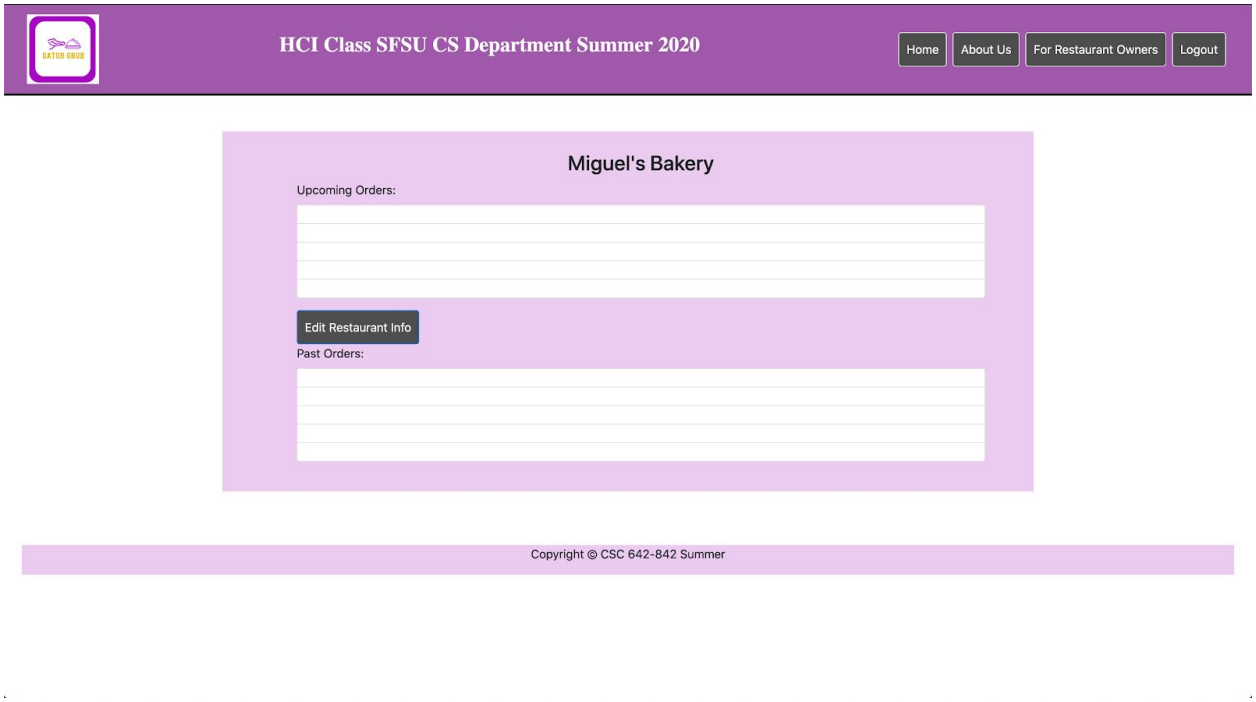
5. He clicks on ‘Adding a Restaurant’ and fills up the Restaurant details and is provided a checklist for Covid-19 safety details to be filled up.



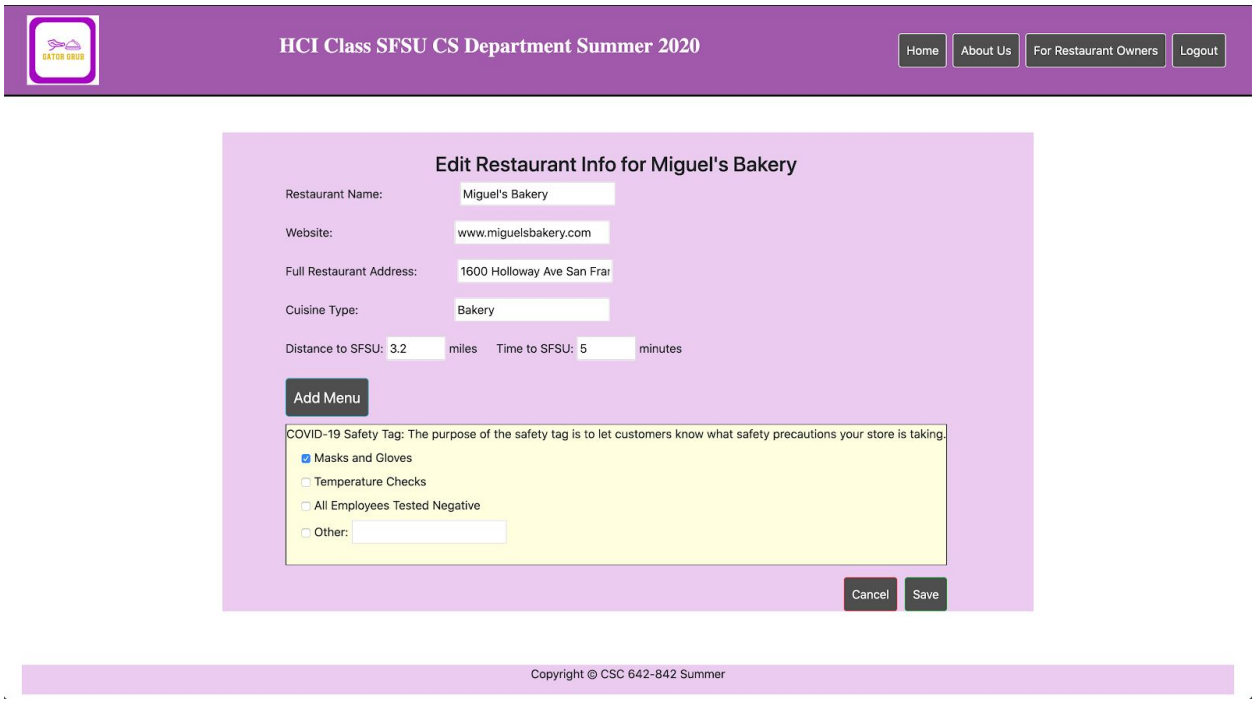
6. He fills up all the details and is then required to add the Menu items.



7. He then saves all the details of the menu items and is taken back to the previous page where he can edit the restaurant details if required or can go to the homepage if done.



8. He clicks on the edit Restaurant page and makes changes and saves it.



IV. URLs of relevant material

- Demo site URL: https://megha1005.github.io/CSC-642-842_Team_3/project/index.html
- Github project link: https://github.com/Megha1005/CSC-642-842_Team_3

V. Information about QA tool used, and screenshots

The UI QA test tool we chose to use was Selenium.
Here are the screenshots of the tool test output on one chosen UI page: