Foodie

Introduction:

Foodie is a web application available for the users to order the food online. There are several features available in this application from ordering food to saving favorite food.

Brief Explanation of each feature in this application:

Sign-In/Sign-Up: Users need to have login credentials to use the application. One can create their credentials using Sign Up form. There are 3 different users for this application, Customer, Business and Delivery Person. Customer only orders the food and pays for it. Business provides the food preparing service to the customers and Delivery Persons provide delivery service to the customers. Business and Delivery Person users have their own specific feature to manage the order and its status. Business and Delivery needs an approval from the Foodie Admin to use the website. But the customer does not require any approval, customer gets the full access to the website instantly.

Ordering Food: In the User home page, all the restaurants that are within the zip code of user's default zip code will be displayed. User can change their default address at any time. User can also search for other restaurants using the search feature available on the Users home page. When the user orders the food, the order needs to be confirmed by the restaurant and then it is gone through fours stages till the order is delivered to the user. Those four stages are Order Confirmed, Food is Preparing, Food ready for Delivery, Food is out for delivery, Food is Delivered. When the food is ready for delivery, a delivery person needs to accept the food delivery and be responsible for delivering the food.

Rate / Review the restaurant: User can rate/review the restaurant based on their experience. A user can only review or rate the restaurant after order the food from that restaurant and got delivered.

Payment Methods & Address: User can store different payment methods and addresses, so that the user can choose any option at the time of order.

User Profile: User can have their profile on the app to save their information.

Favorite food / restaurant: User can favorite a food or restaurant to easily access their favorites from their profile.

Applying offers at checkout: Application have a specific section for offers / promos. Users can user these at checkout.

Order History: Here, a user can see the past orders and track the current placed orders.

Technologies Used:

Backend:

• **Python-Django**: It delivers most of the required functionalities for the web development by default in the Django framework. It makes everything easy like, connecting to database, querying, communicating with Frontend. Most of the functionalities are provided and don't need to write from scratch.

Databases:

• **Postgres SQL Database:** It handles the database querying efficiently. Understanding the database querying and setting up is very easy. The documentation provided by official postgres is in detail.

Frontend:

- **HTML**: It is a basic Scripting language for building webpage
- Css: Used this for basic styling to the webpage
- Bootstrap: Most of the styling all over website is done using bootstrap. Used this
 because most of the html components are pre-built and don't have to write any
 css from scratch
- **Jquery:** It simplifies the process of traversal of HTML DOM tree.
- Javascript: It is client-side script, the execution of the program as it saves the time required to connect to the server. And very feasible to develop dynamic content for the web.

Screenshots:









Login

Order your food today.

Email address

Enter your Email Address

We'll never share your email with anyone else.

Password

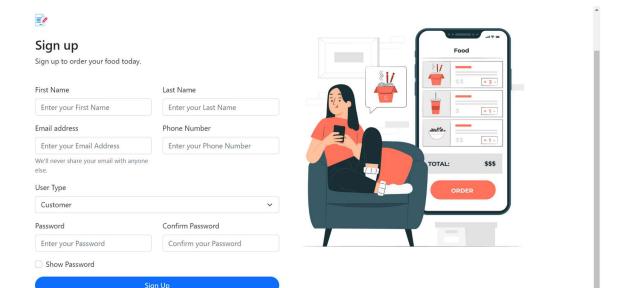
Enter your Password

Show Password

Not a member yet? Sign up

Already a member? Login









Provide Extra Information

Please provide some required information in order to proceed with your registration

Legal Name	
Enter your Legal Name	
Street Address	
Enter Business Street Address	
City	State
Enter your Business City	Enter your Business State
Zincode	



Foodie

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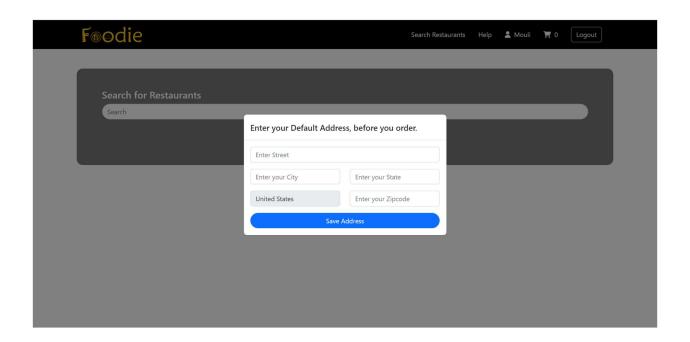
Provide Extra Information

Enter your Business Zipcode

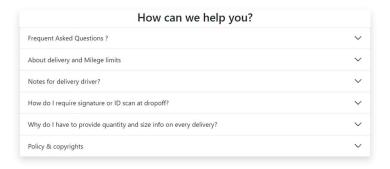
Please provide some required information in order to proceed with your registration

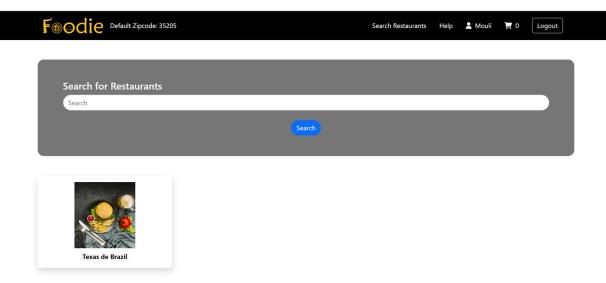
Legal Name	SSN	
Enter your Legal Name	Enter your SSN	
	Submit	

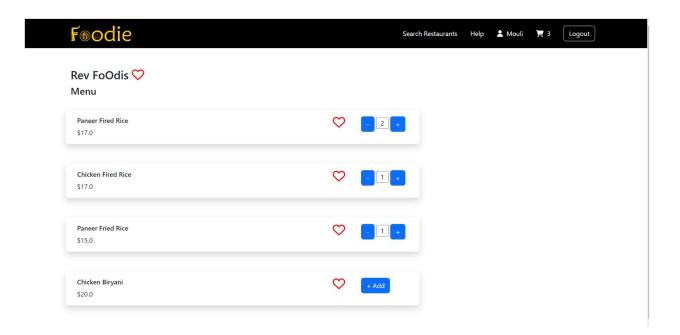










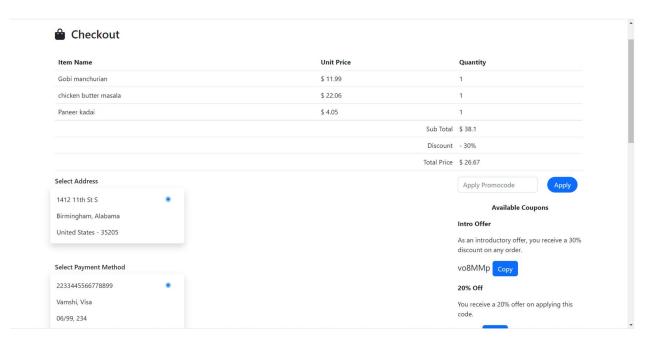






Paneer kadai

\$4.05 x 1 = 4

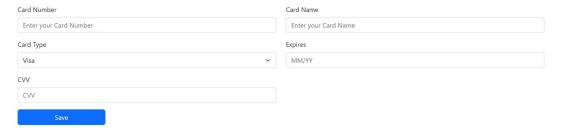


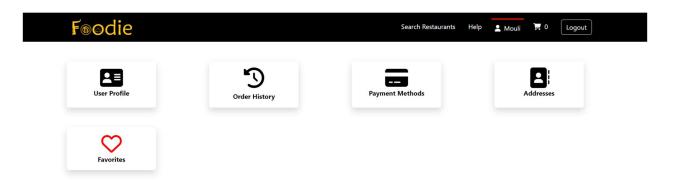
- 1 +





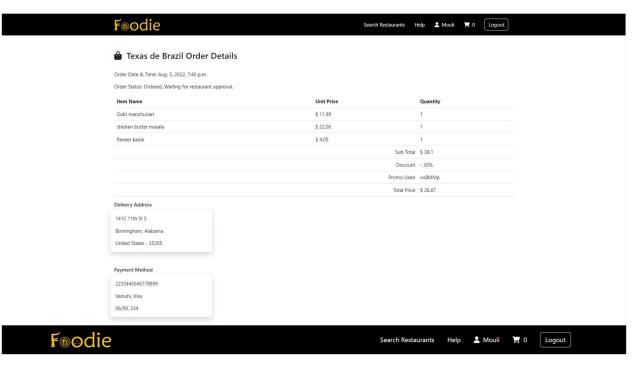
Add Payment Method





Search Restaurants Help Mouli 🗏 0 Logout
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Mouli Siramdasu vamshi@foodie.com Date of birth Date Of Birth Favorite Food Gender Select Gender Favorite Restaurant Favorite Restaurant

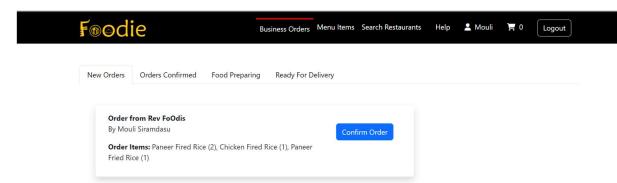


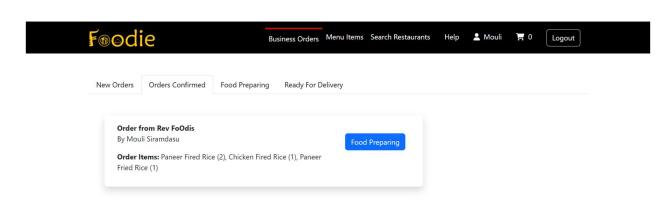
Order History

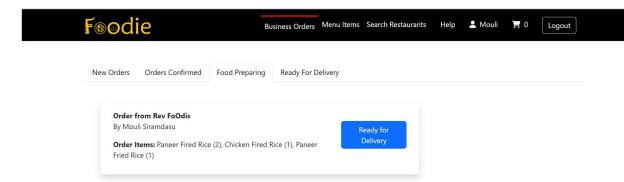


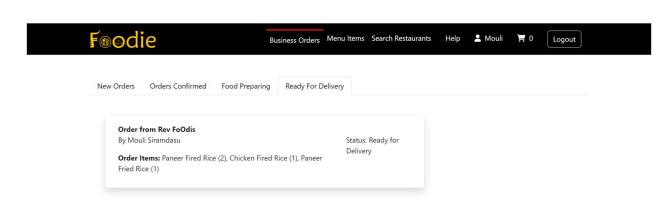










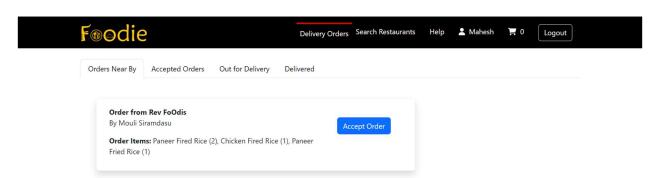


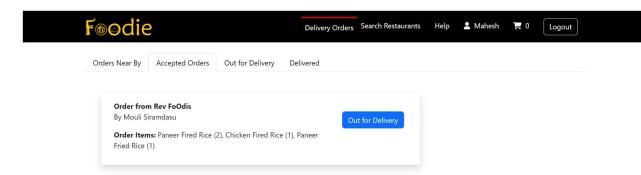


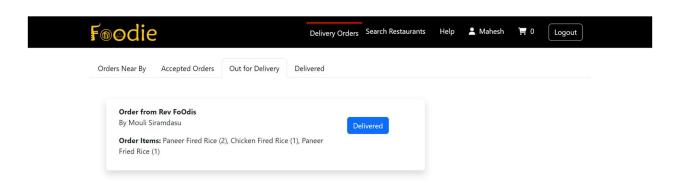
Business Orders Menu Items Search Restaurants Help 🚨 Mouli 📜 0 Logout

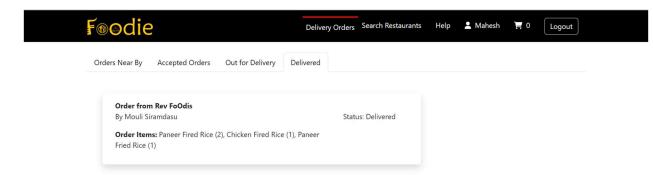
Menu Items

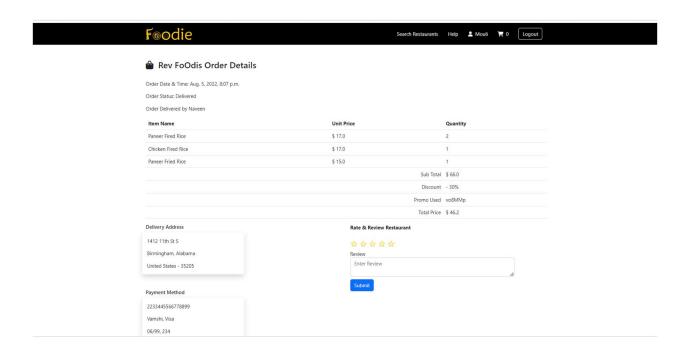
		+ Add Menu Item
Item Name	Item Price	Action
Paneer Fired Rice	17.0	Edit
Chicken Fired Rice	17.0	Edit
Paneer Fried Rice	15.0	Edit
Chicken Biryani	20.0	Edit

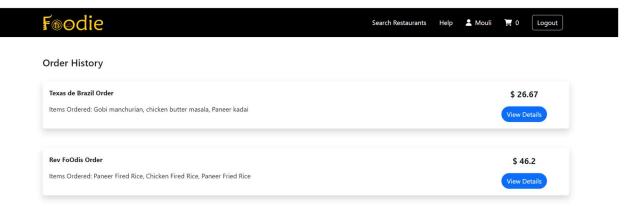


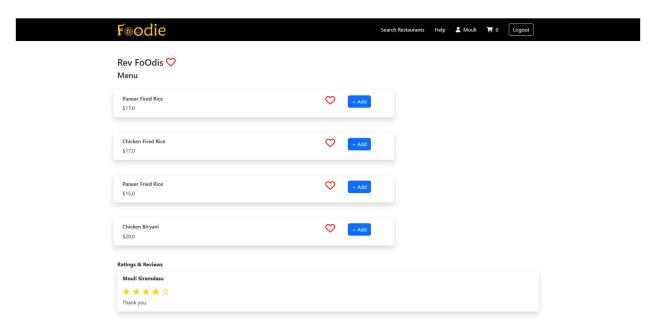


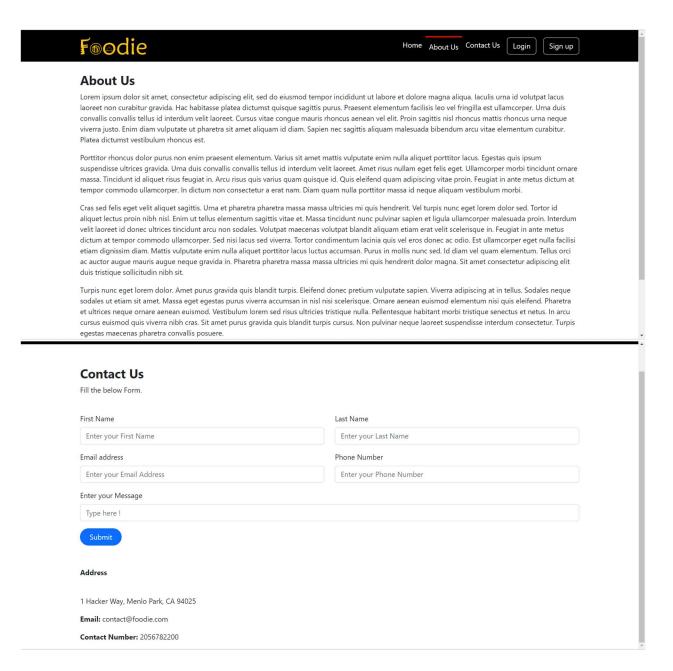












Future Works:

- 1. Need to implement the live tracking system for order status.
- 2. Need to add the functionality to get the live location of the user instead of taking the zip code manually.
- 3. Need to implement a functionality to preserve the carts of different restaurants.
- 4. Notifying Users about the status updates and new offers and promotions.
- 5. Need to add the functionality for the restaurants to add customized offers.
- Need to add the feature to reserve the table for dining.
- Encrypting the data of users.

References:

- 1. All the images are downloaded from freepik.com, flaticon.com, fontawesome.com, unsplash.com, pixabay.com
- 2. https://docs.djangoproject.com/en/4.0/intro/
- 3. https://getbootstrap.com/docs/5.2/getting-started/introduction/
- 4. https://stackoverflow.com/questions/22645597/how-to-make-dynamic-content-display-across-a-grid-using-django-with-bootstrap
- 5. https://www.w3schools.com/howto/howto js copy clipboard.asp
- 6. https://bbbootstrap.com/snippets/bootstrap-rate-your-experience-template-star-ratings-30972576