Compliance Report

for

Social Serving Food Delivery System

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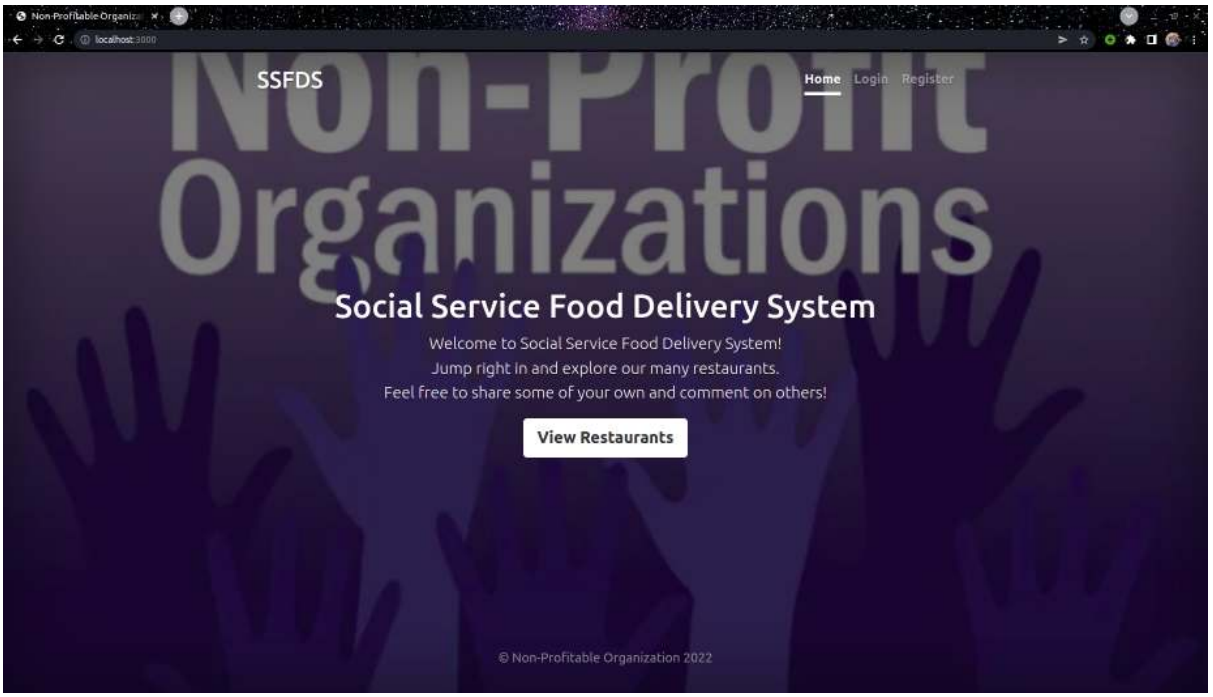
Miss Soumi Das

INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR

30th March, 2022

Home Page

- When User is not logged in

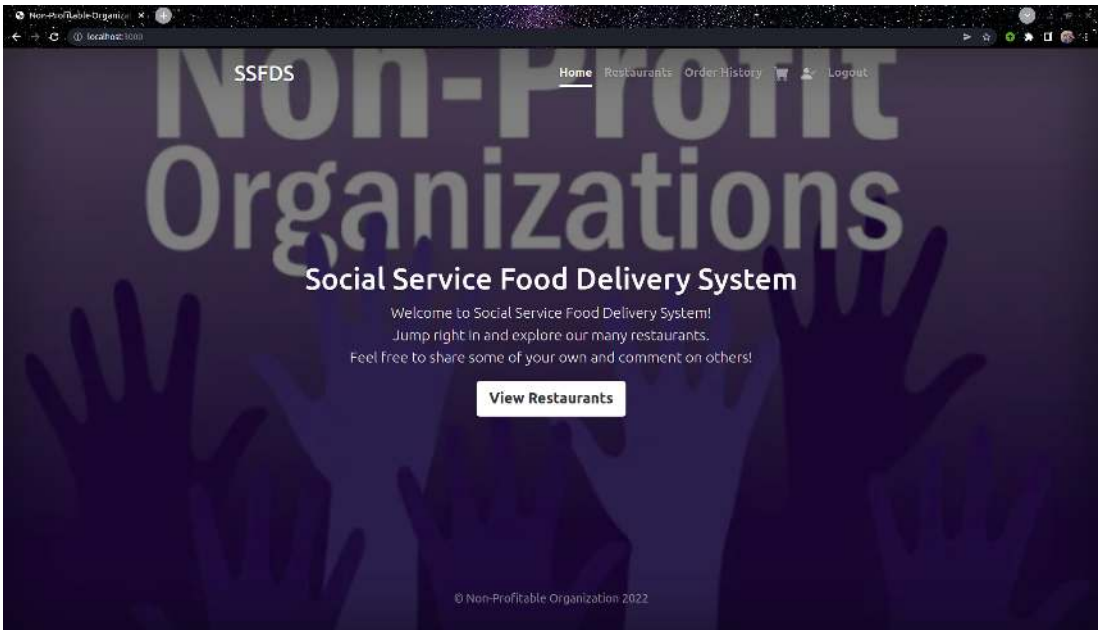


In the top right, there are three buttons : Home, Login and Register.
Besides, there is a button in the centre, “View Restaurants” which directly navigates to view all restaurants which are within 10 kilometres if the user is already logged in, else takes him to the Login page.

- When User is logged in

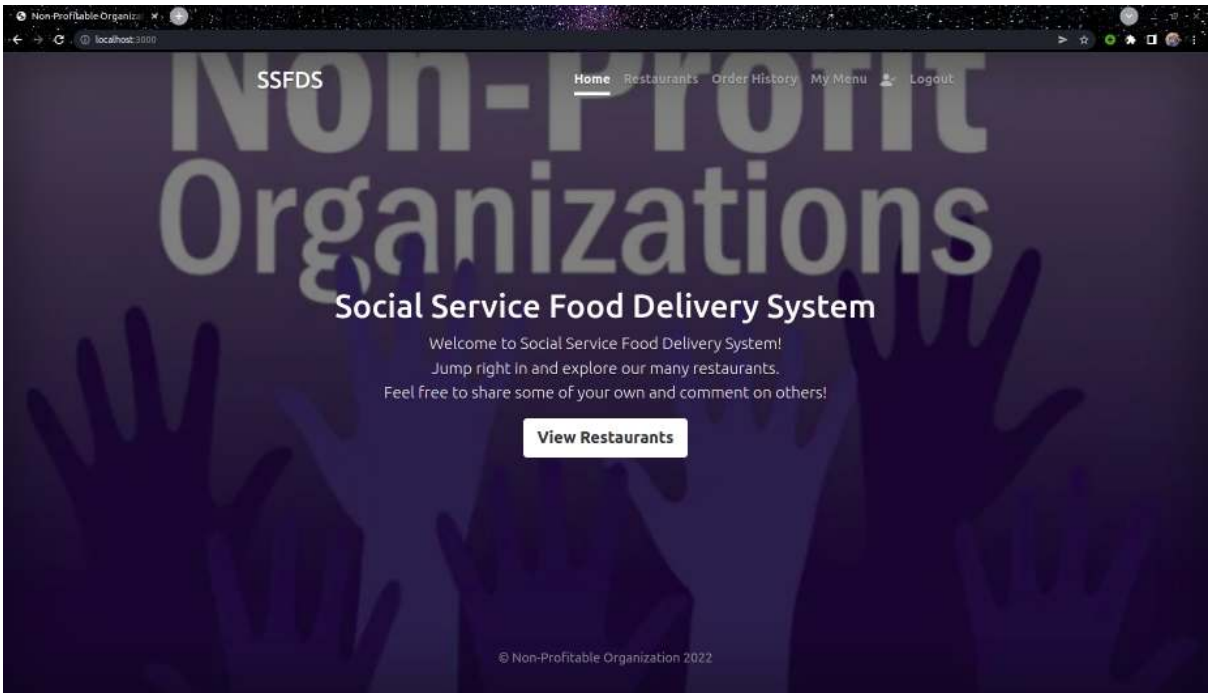
If the user is already logged in, then the buttons available in the home page differ from user to user.

1. **For Customers**



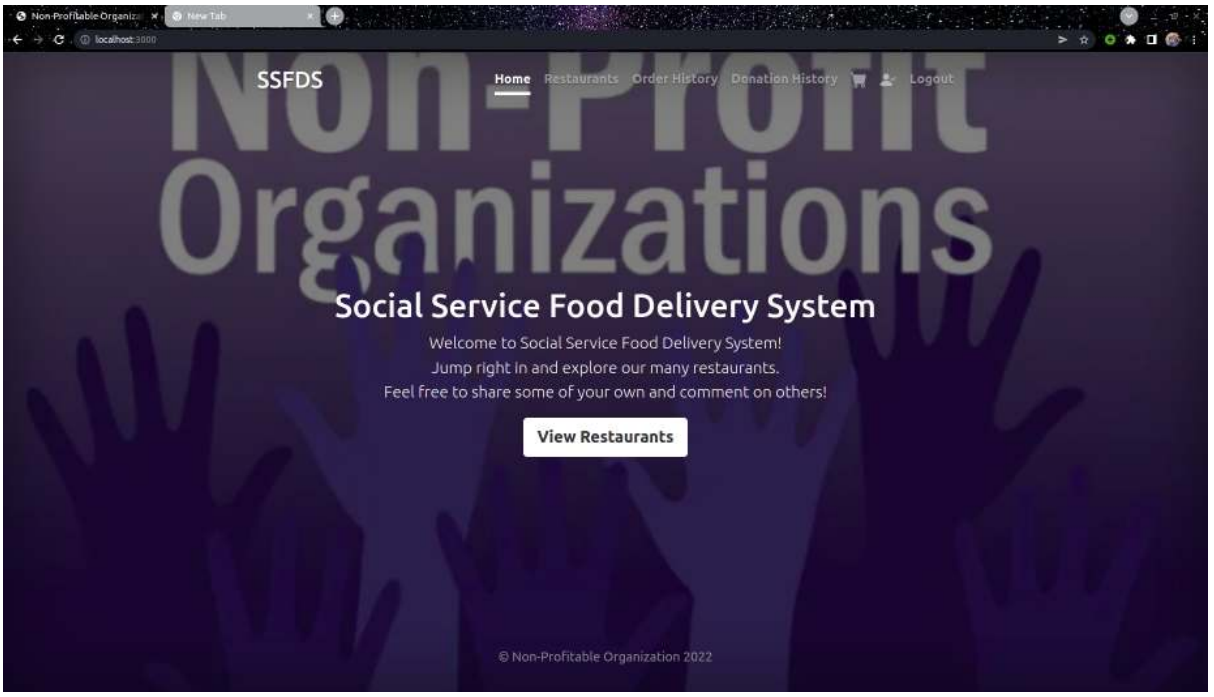
Home, Restaurants, Order History, My Cart, My Profile, Log out are available for **Customers**.

2. **For Restaurants**



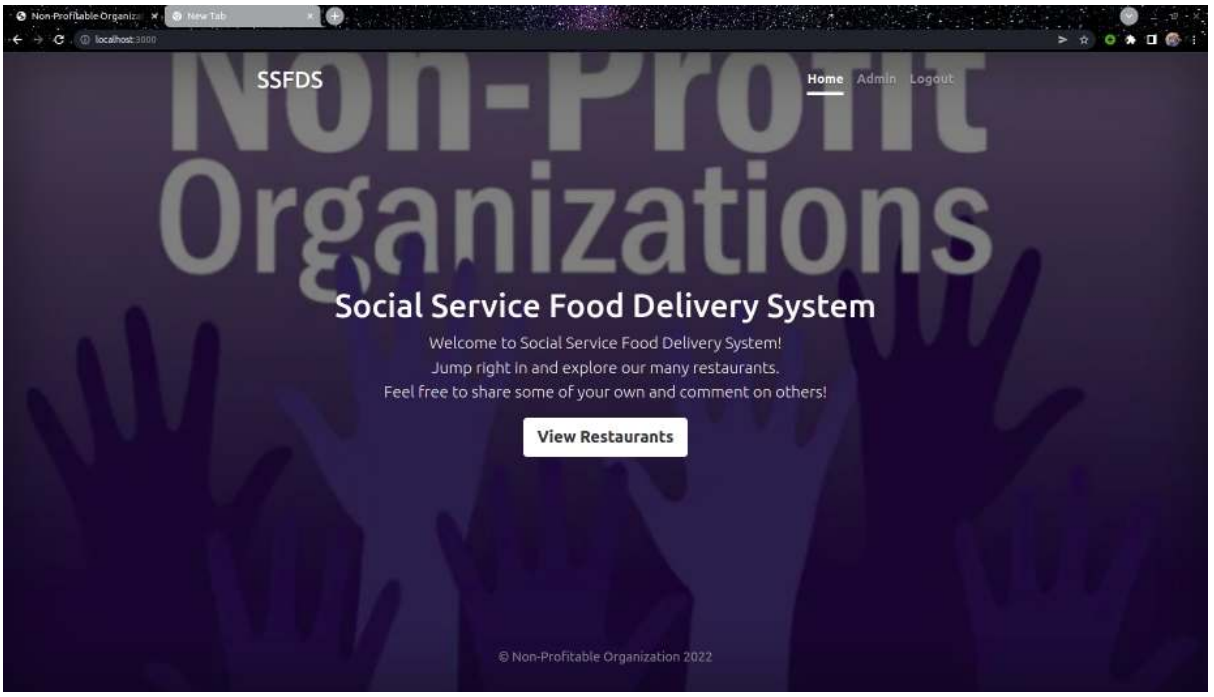
Home, Restaurants, Order History, My Menu, My Profile, Log out are available for **Restaurants**.

3. **For NGOs**



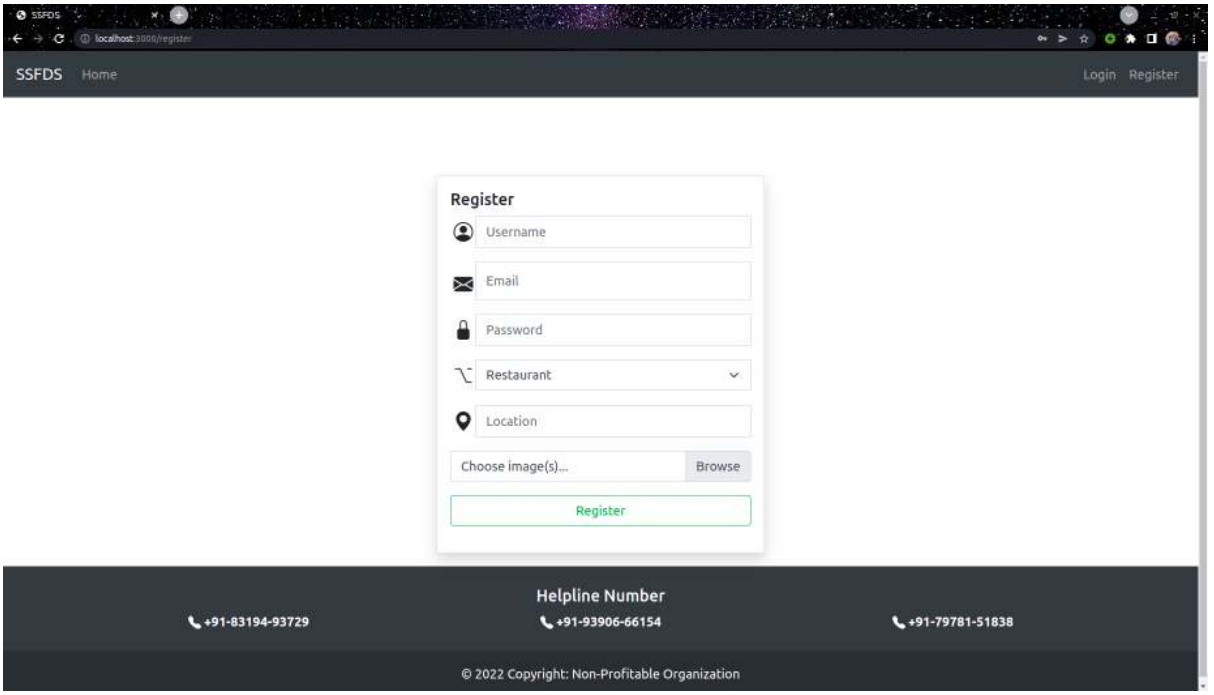
Home, Restaurants, Order History, Donation History,My Cart, My Profile, Log out are available for **NGOs**.

4. **For Admin**[**NPO**]

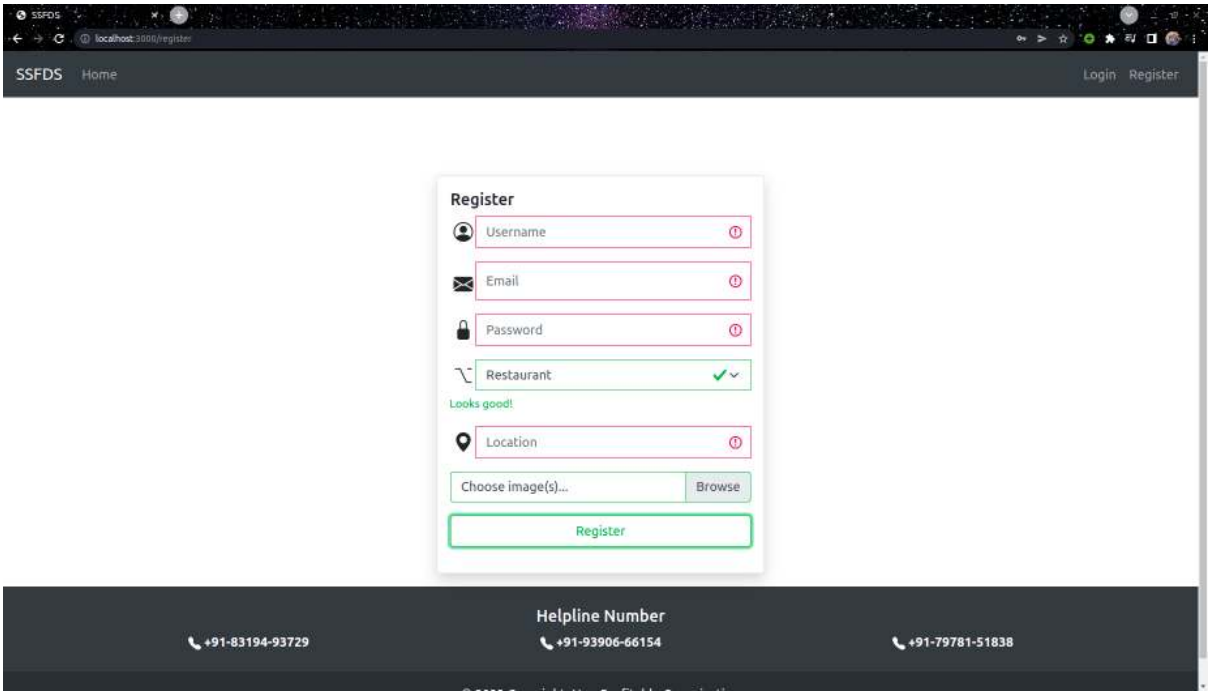


REGISTER(SIGN-UP) PAGE

- On clicking “Register” from the home page (when not logged in), it will redirect to the Register Page.

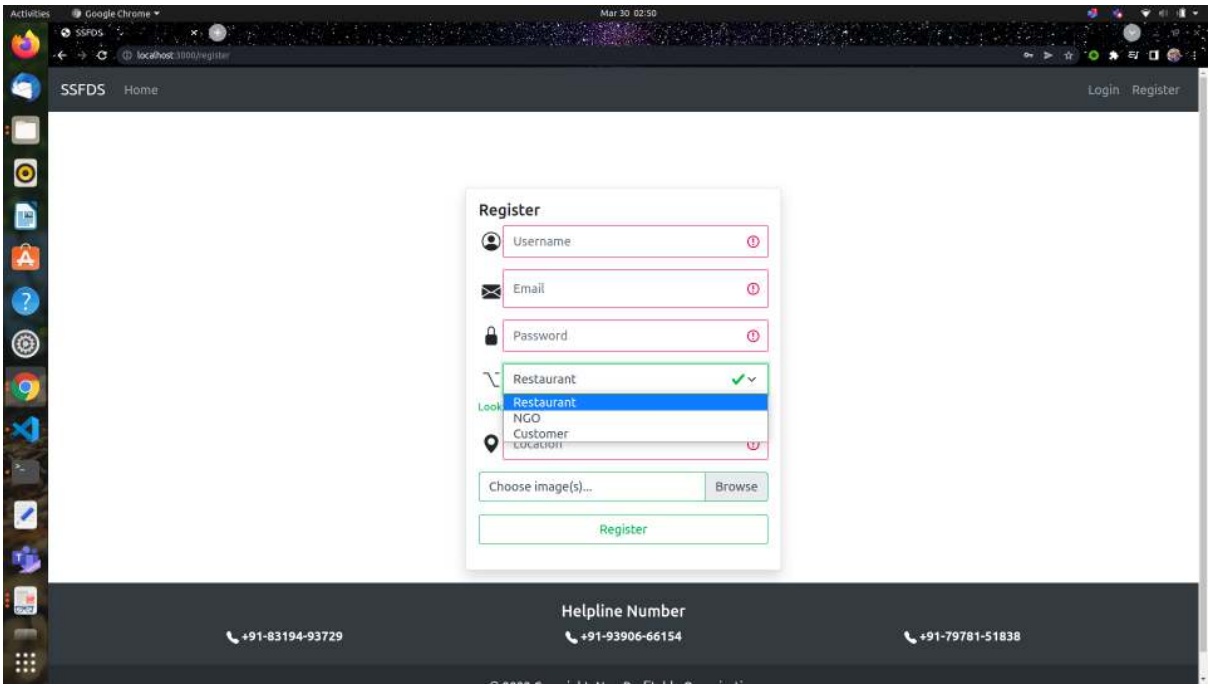


- Here, the fields : Username, Email, Password, type of User and Location are required fields whereas uploading image is optional.
- When clicked on “Register” button without entering the details :

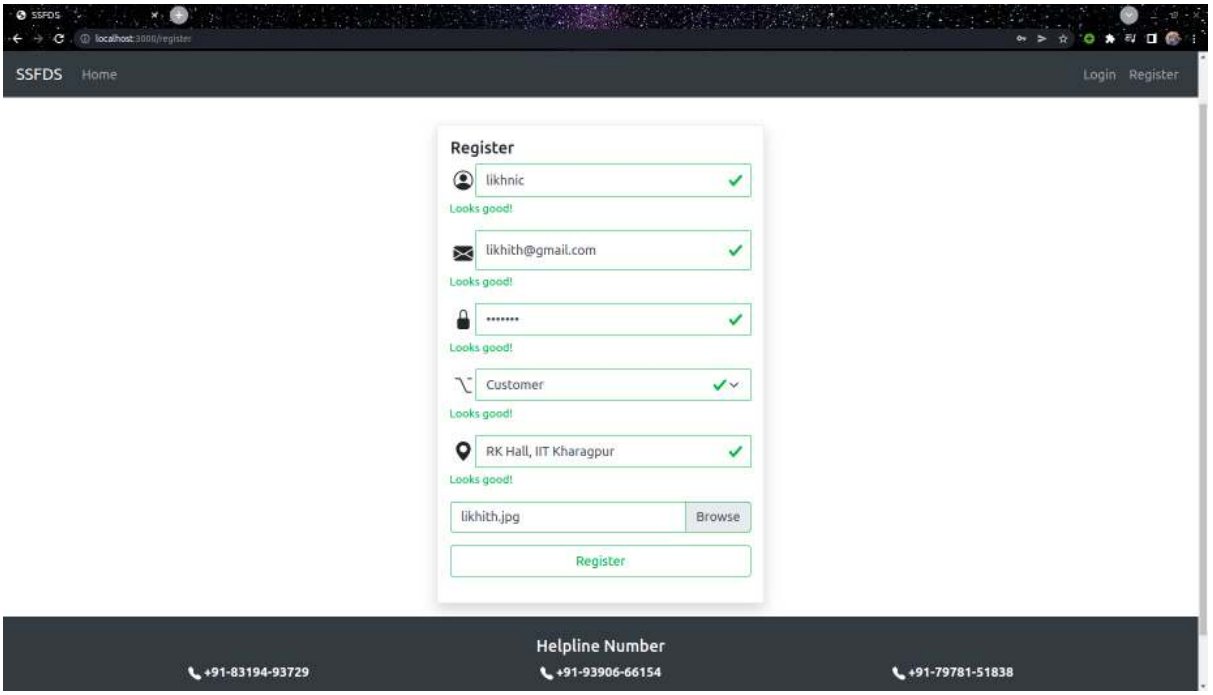


- If an entry is filled with valid information, then it will show “Looks good!” below it.

- Drop down menu for entering type of user will look like this :

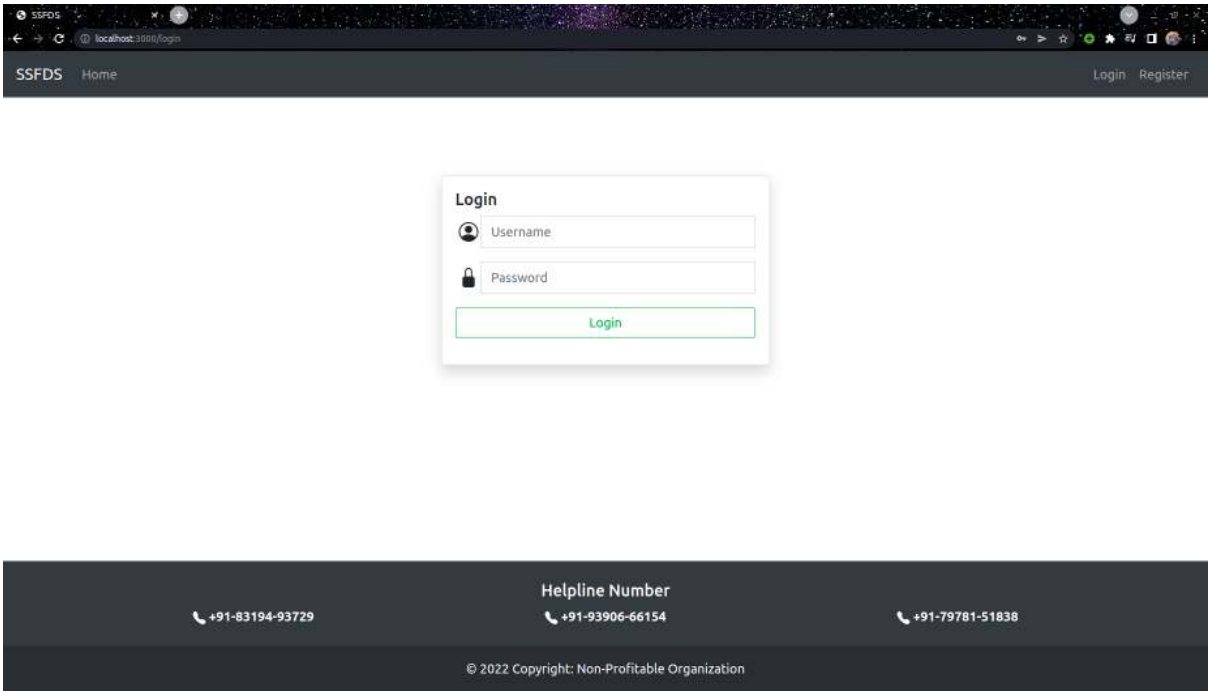


- On entering valid entries in all fields & clicking on “Register”, the user will be registered, logged in, and redirected to the dashboard.



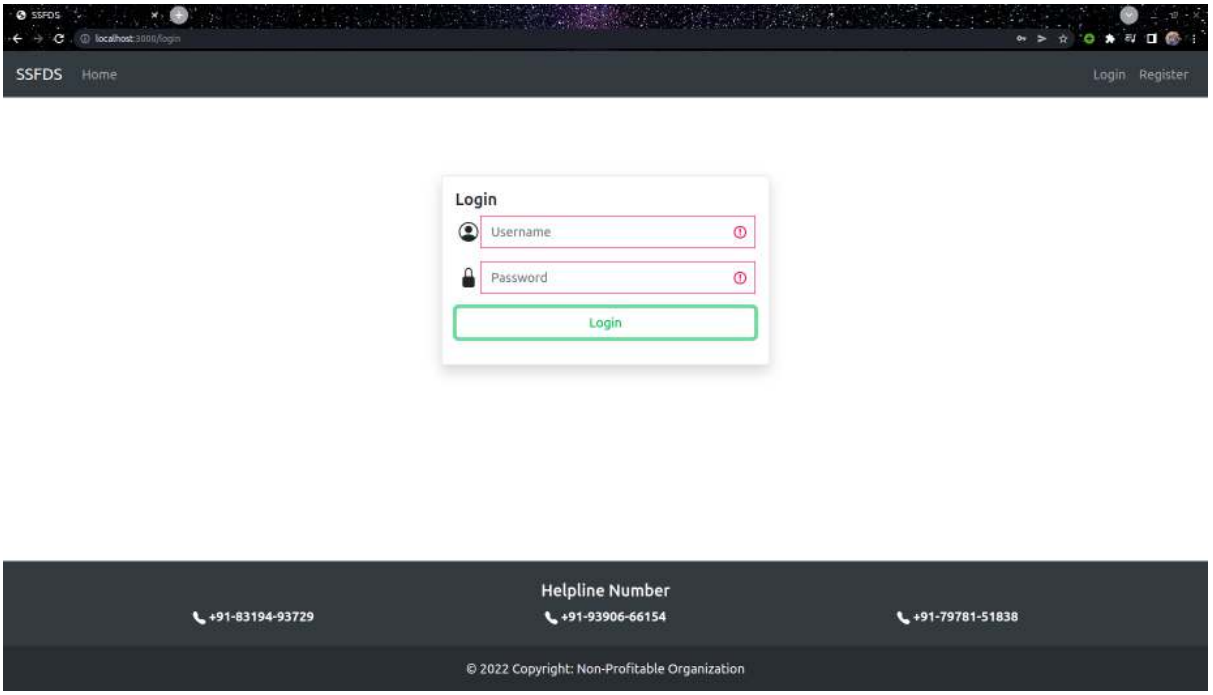
LOGIN PAGE

- On clicking “Login” from the home page (when not logged in), it will redirect to the Login Page.



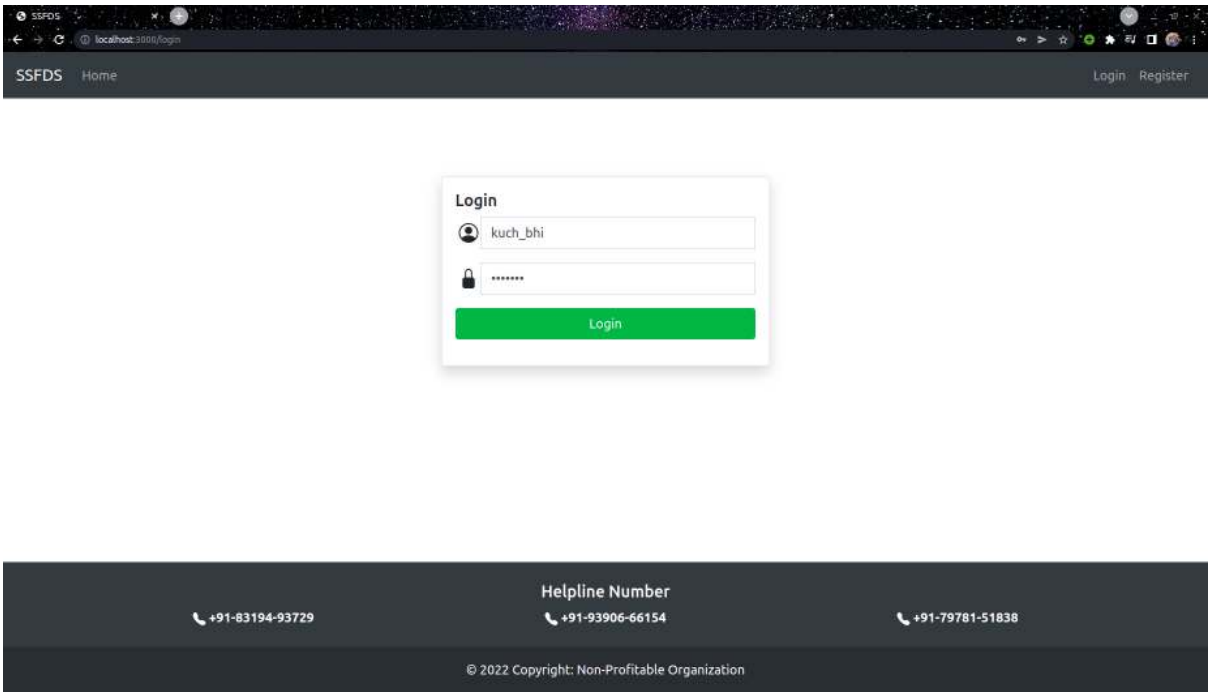
Here, both the fields : Username & Password are required fields.

- When clicked on “Login” button without entering the details :

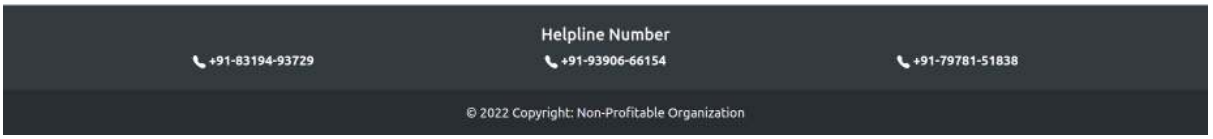


If an entry is filled with valid information, then it will show “Looks good!” below it.

- On entering the wrong username or password, it will redirect again to the login page and a message flashes stating “Password or Username is incorrect”.



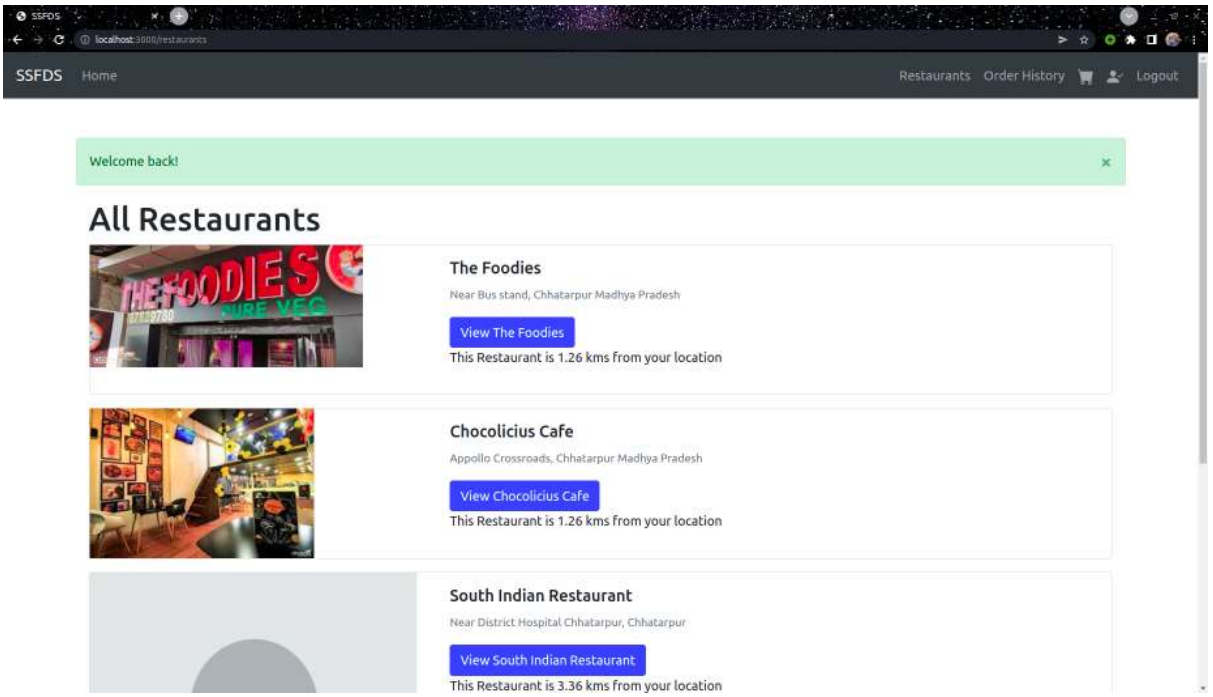
- On entering valid login credentials & clicking on Login button, it will redirect to the user's dashboard with a flash message “Welcome back”.



CUSTOMER FEATURES :

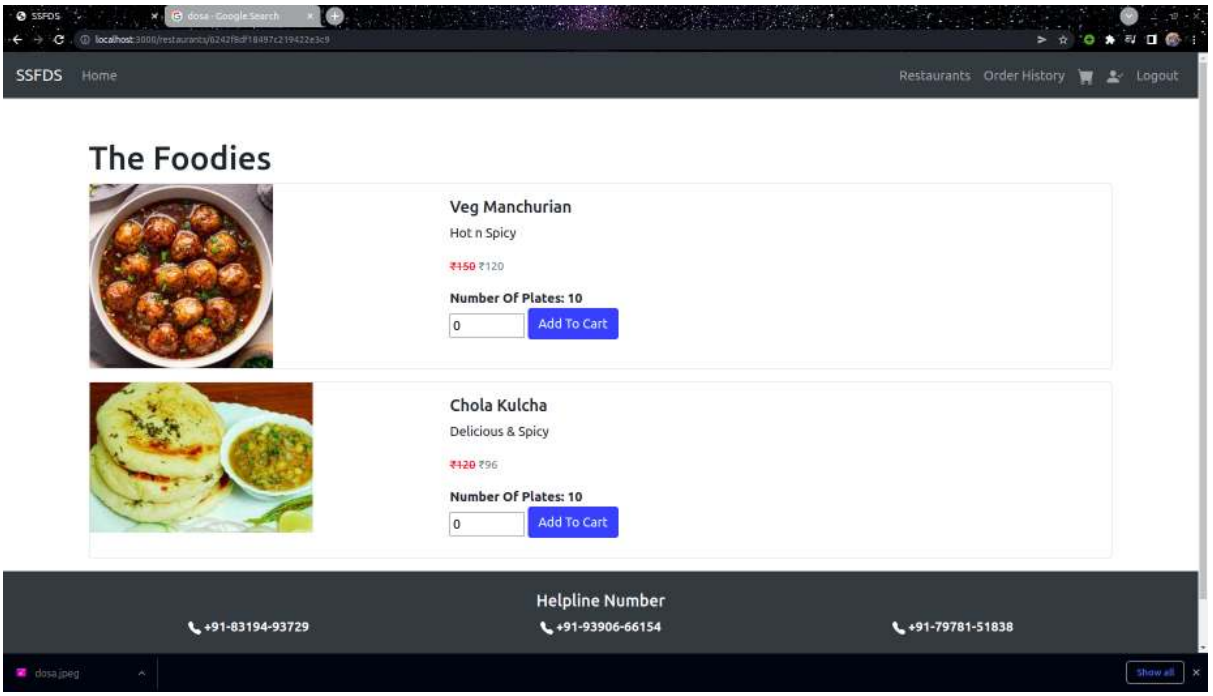
Dashboard

- After login, a customer will be redirected to his/her dashboard which will show a list of all restaurants within a 10km distance.

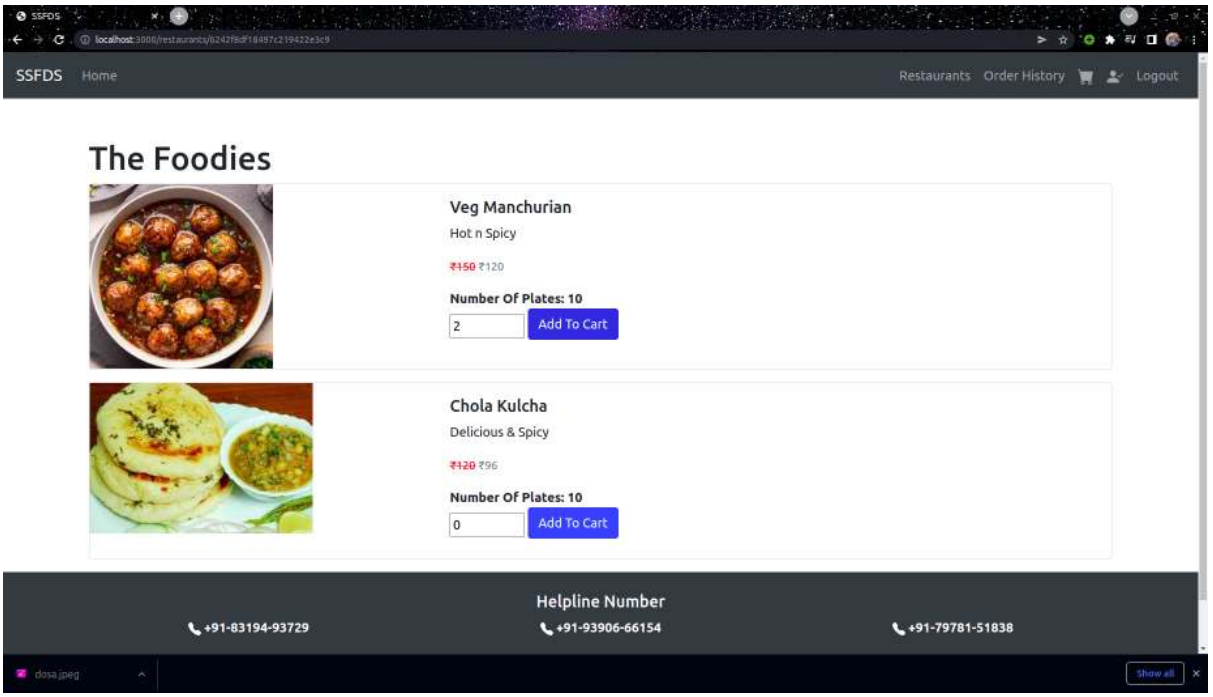


Menu of Restaurants

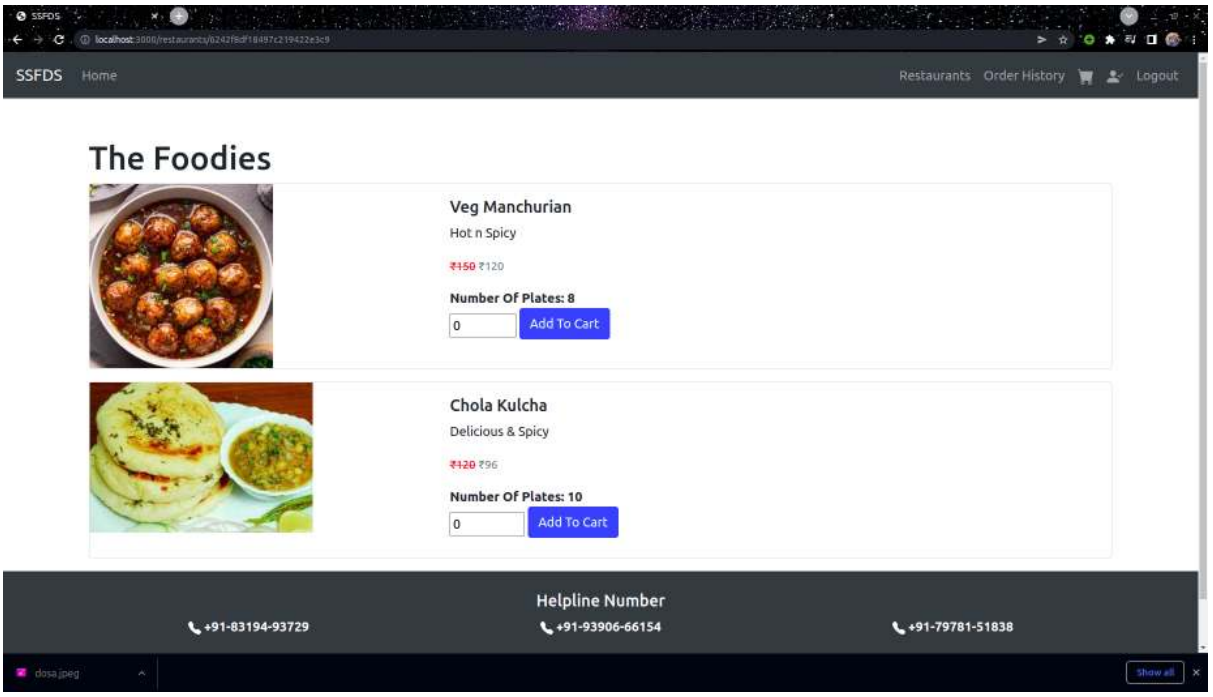
- By clicking on “View $(Restaurant_name)” in the card of each restaurant , we can see their menu. For example, Clicking on “View The Foodies” button, it will redirect to menu offered by The Foodies :



- A customer can specify the number of plates of a particular food item and add them to cart by clicking on the “Add to Cart” button corresponding to each food item.

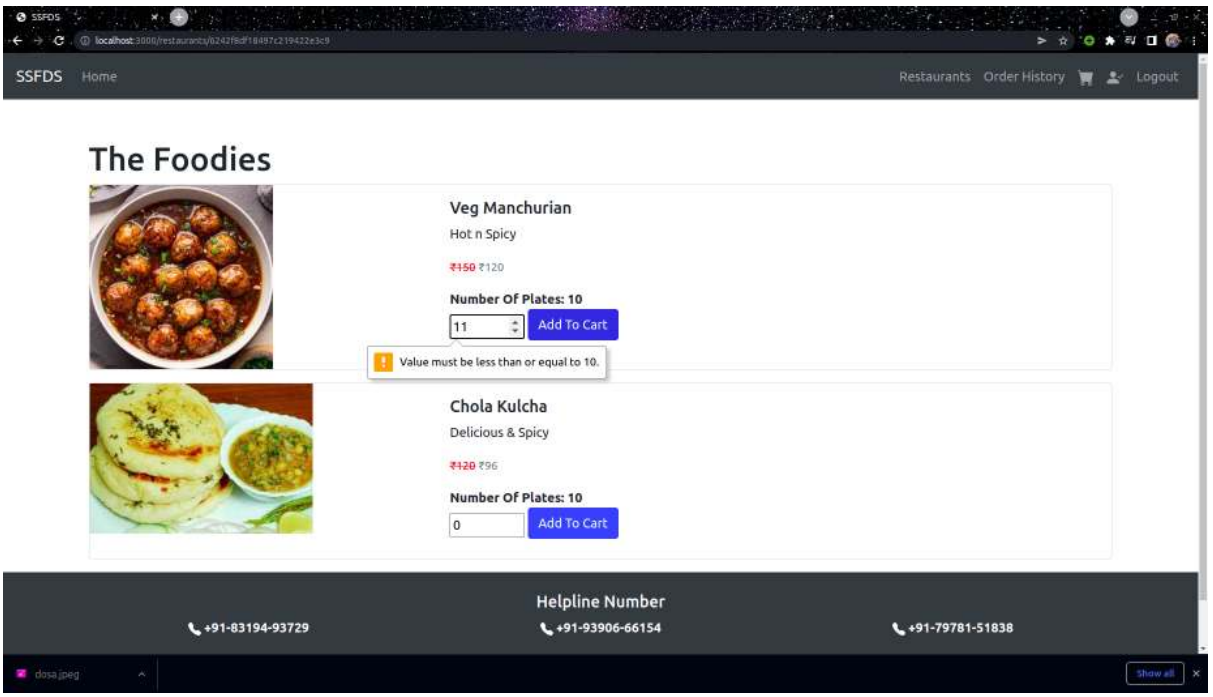


- On clicking the “Add to Cart” button, it will add the corresponding number of plates of that food item to the customer's cart & reduce the available count of plates in the restaurant's menu & it will redirect to the current page.



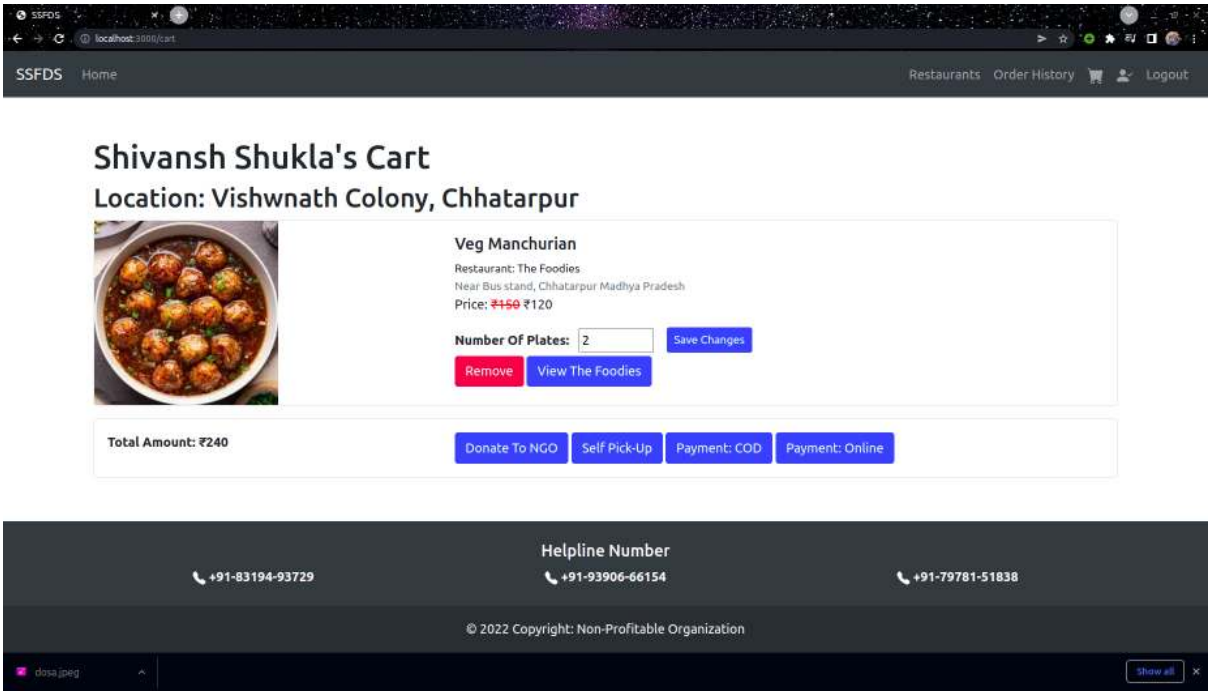
Error Handling :

In menu of a restaurant, if a customer enters the number of plates to be greater than the available count, then it will show a pop-up message that “ Value must be less than or equal to $(available_count)” :



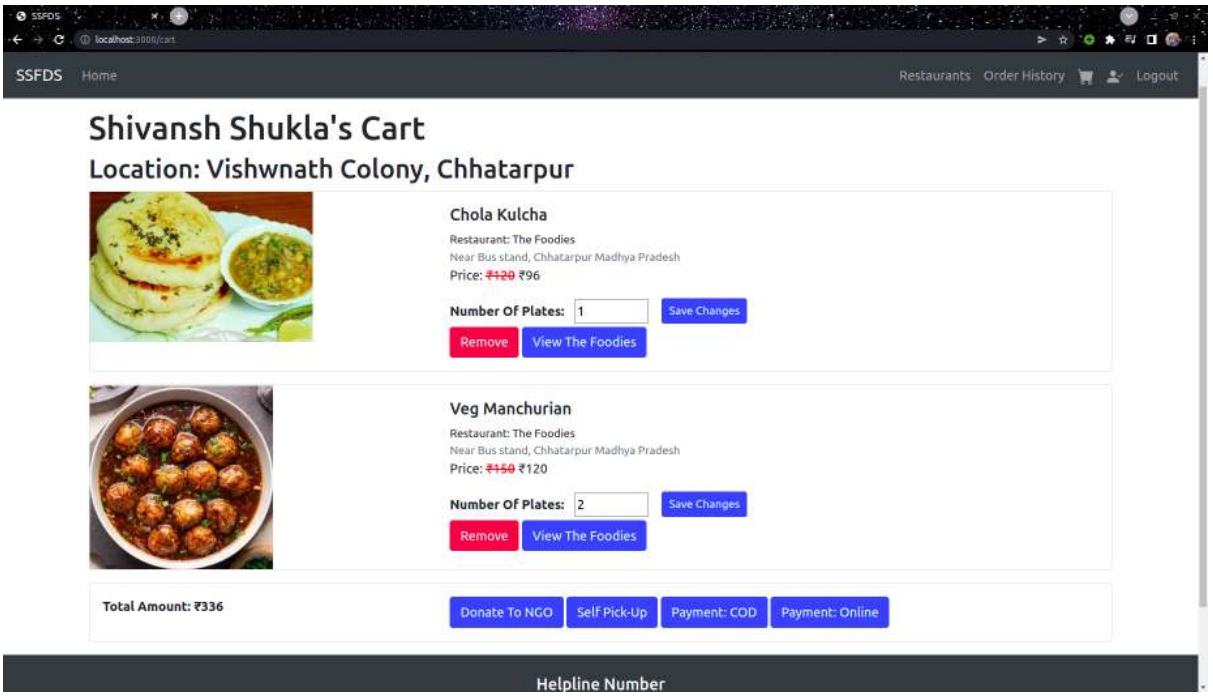
Customer's Cart

- On checking cart now by clicking on 3rd button(which symbolises cart) at the top right :

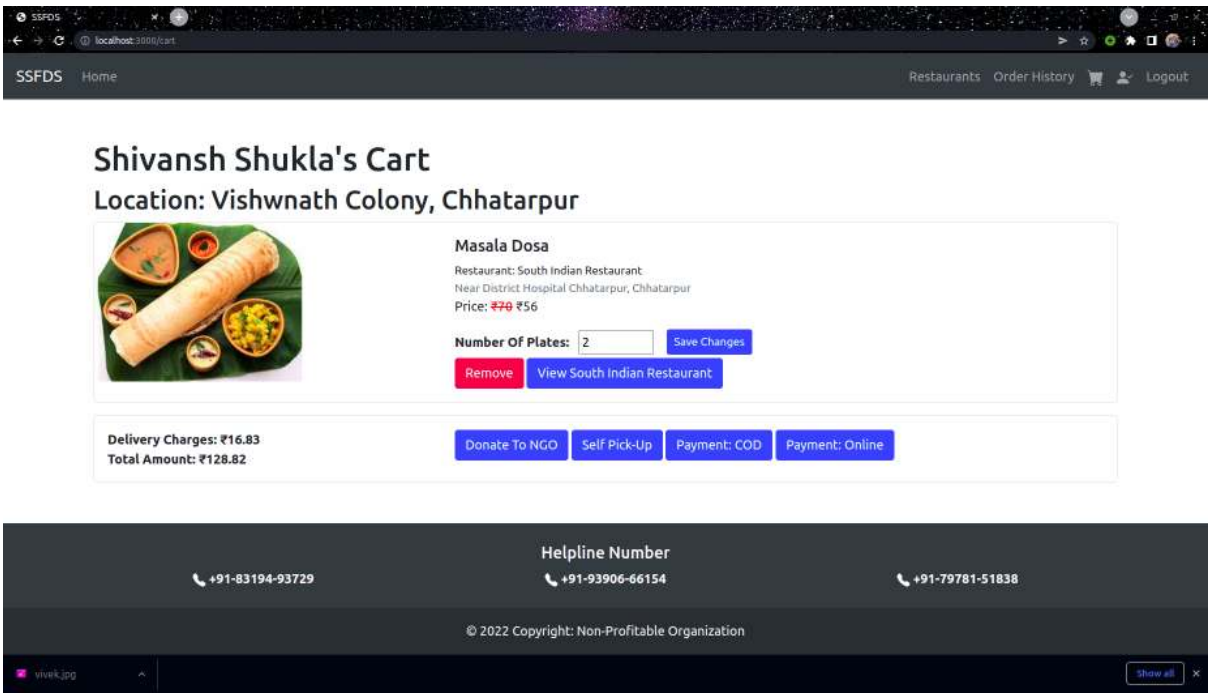


Let's add one more food item.

Now, cart looks like :

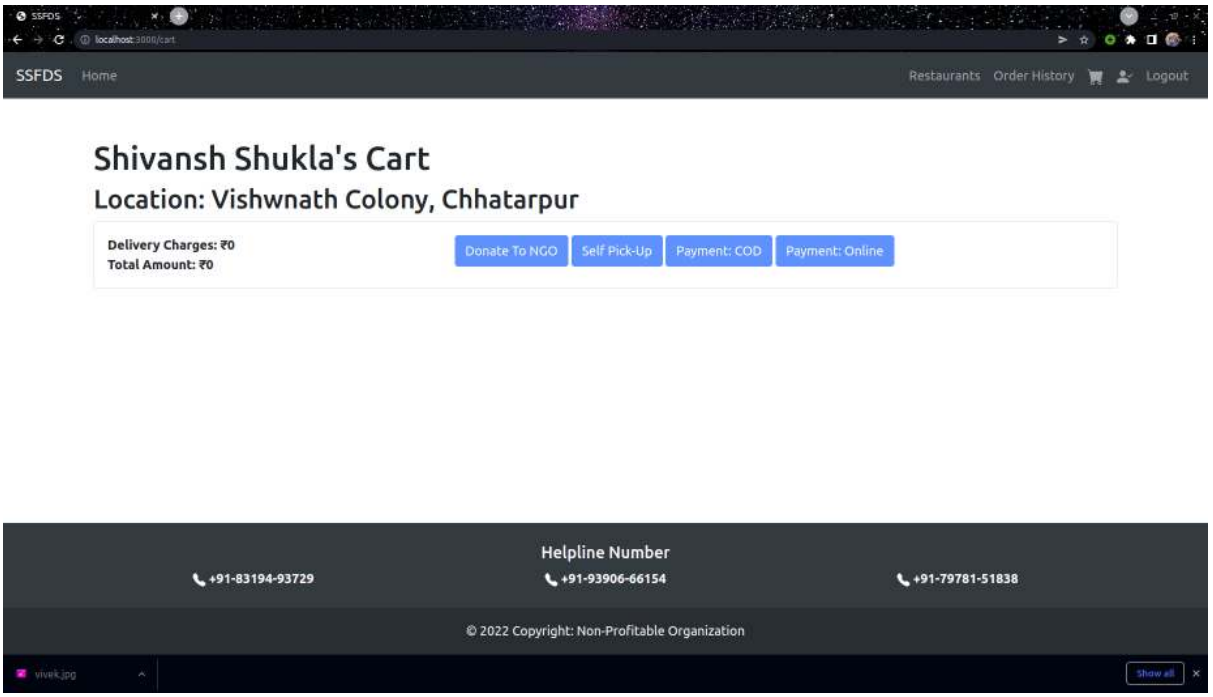


- In the bottom, it shows the “Total Amount” by summing the amount of all food items present in the cart. It also shows a variety of payment features : COD, Online(through netbanking/cards/upi) , option of self pick-up & an option to donate to NGO.
- Here, A customer can edit the number of plates of each food item as per choice & by clicking on “Save Changes”, it will redirect to the current page by updating the total amount.
- A Customer can also remove a food item by clicking on the “Remove” button.
- A Customer can also visit back to the menu page of a particular restaurant by clicking on “View $(restaurant_name)”.
- When distance of restaurant is more than 2km, it will show the delivery charges(Rs 5 per km after 2 km) in the total amount :



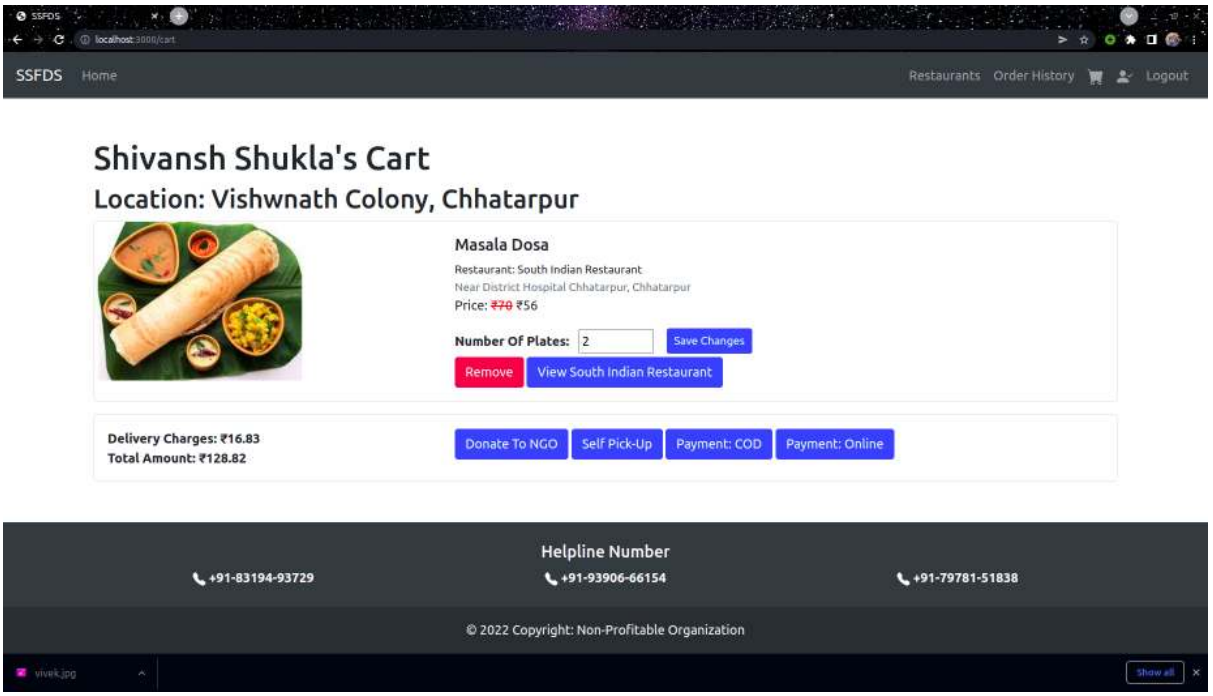
Error handling :

- When total amount is 0, then all the payment buttons will get disabled to avoid an order of 0 amount[Invalid]

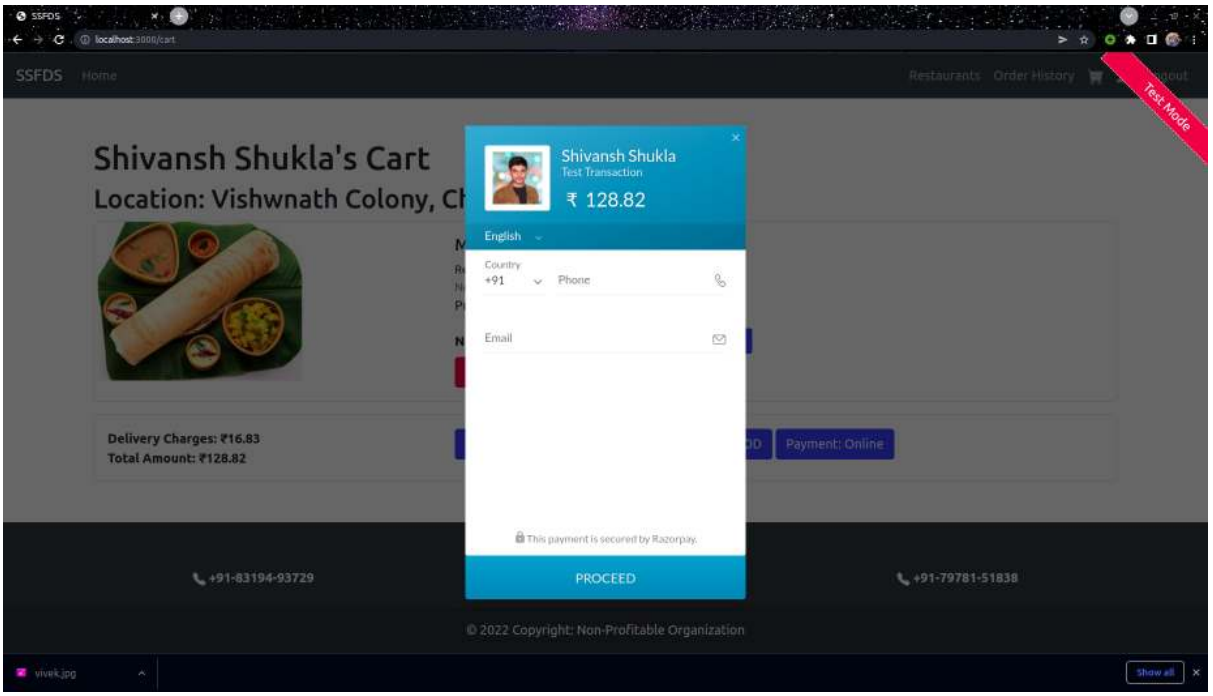


Payment Options :

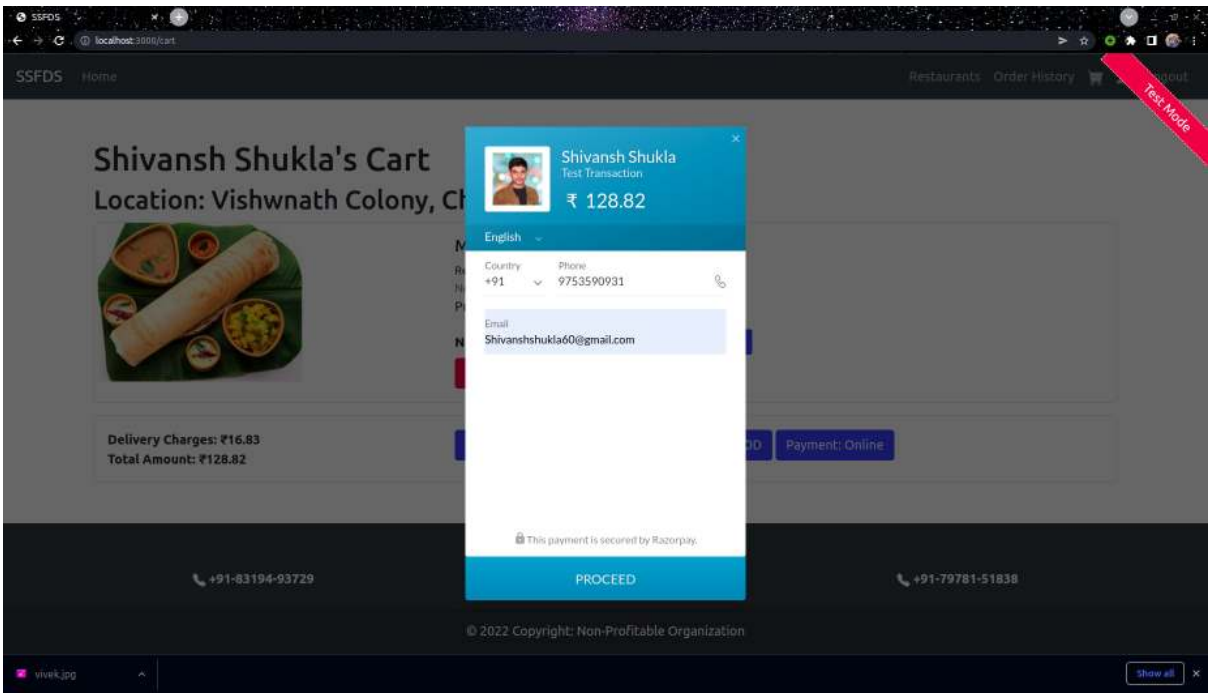
- Suppose the cart of a customer is as follows :

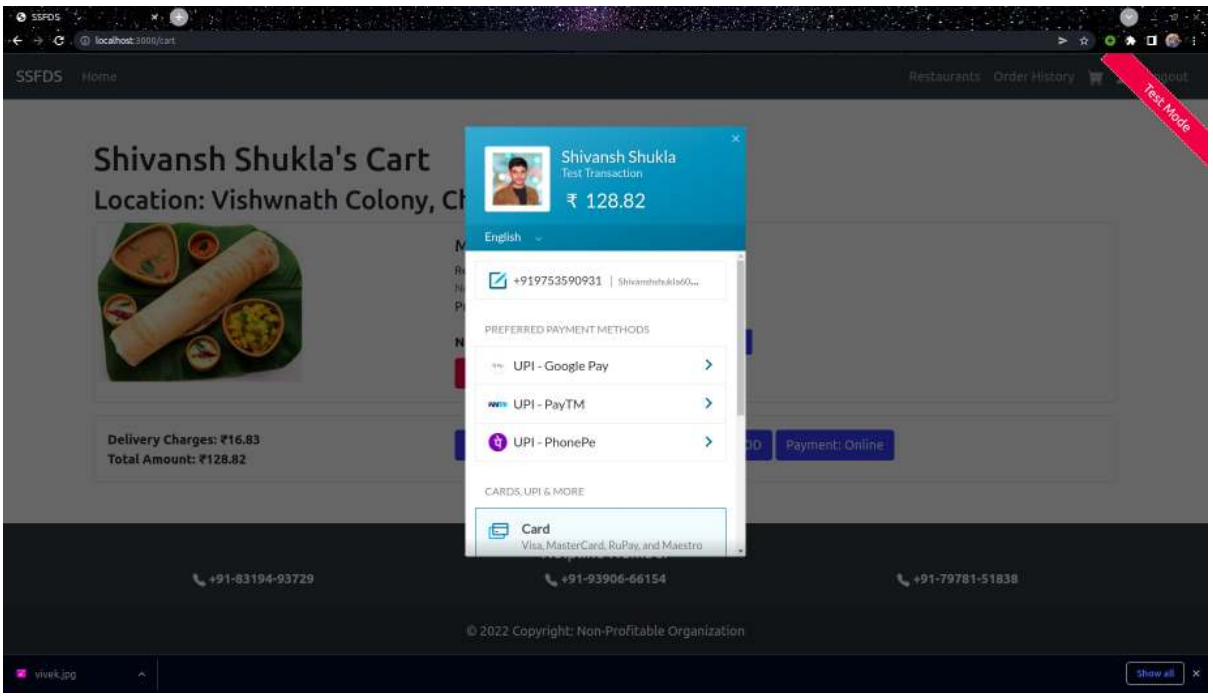


1. **Payment : Online**
    - On clicking on “Payment Online” button, it will open the test transaction window of razorpay :



- Following series of events will occur then :


SSFDS
Home
Restaurants
Order History
Test Mode
Shivansh Shukla's Cart
Location: Vishwnath Colony, Ch
Delivery Charges: ₹16.83
Total Amount: ₹128.82
Payment: Online
Shivansh Shukla
Test Transaction
₹ 128.82
English
Country
+91
Phone
9753590931
Email
Shivanshshukla60@gmail.com
This payment is secured by Razorpay.
PROCEED
+91-83194-93729
+91-79781-51838
© 2022 Copyright: Non-Profitable Organization
vivek.jpg
Show all


SSFDS
Home
Restaurants
Order History
Test Mode
Shivansh Shukla's Cart
Location: Vishwnath Colony, Ch
Delivery Charges: ₹16.83
Total Amount: ₹128.82
Payment: Online
Shivansh Shukla
Test Transaction
₹ 128.82
English
+919753590931
PREFERRED PAYMENT METHODS
UPI - Google Pay
UPI - PayTM
UPI - PhonePe
CARDS, UPI & MORE
Card
Visa, MasterCard, RuPay, and Maestro
+91-83194-93729
+91-93906-66154
+91-79781-51838
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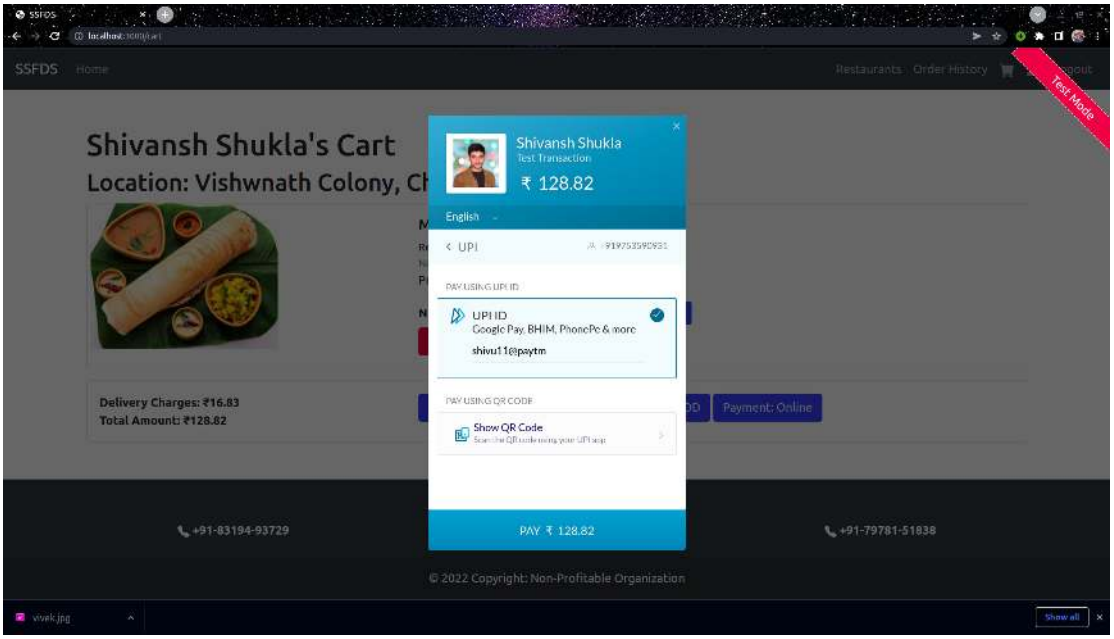
vivek.jpg
Show all


SSFDS
Home
Restaurants
Order History
Test Mode
Shivansh Shukla's Cart
Location: Vishwnath Colony, Ch
Shivansh Shukla
Test Transaction
₹ 128.82
English
UPI
PAY USING UPI ID
UPI ID
Google Pay, BHIM, PhonePe & more
shivu11@paytm
PAY USING QR CODE
Show QR Code
PAY ₹ 128.82
Delivery Charges: ₹16.83
Total Amount: ₹128.82
Payment: Online
+91-83194-93729
+91-79781-51838
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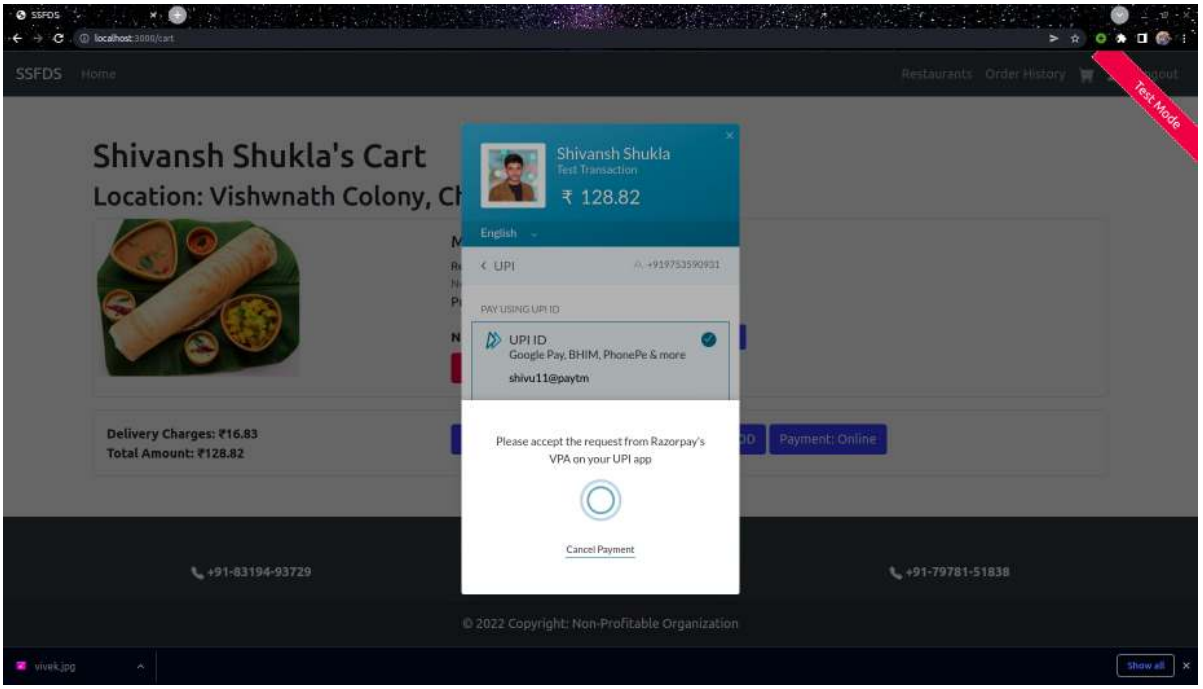
vivek.jpg
Show all


SSFDS
Home
Restaurants
Order History
Test Mode
Shivansh Shukla's Cart
Location: Vishwnath Colony, Ch
Shivansh Shukla
Test Transaction
₹ 128.82
English
UPI
PAY USING UPI ID
UPI ID
Google Pay, BHIM, PhonePe & more
shivu11@paytm
Please accept the request from Razorpay's VPA on your UPI app
Cancel Payment
Delivery Charges: ₹16.83
Total Amount: ₹128.82
Payment: Online
+91-83194-93729
+91-79781-51838
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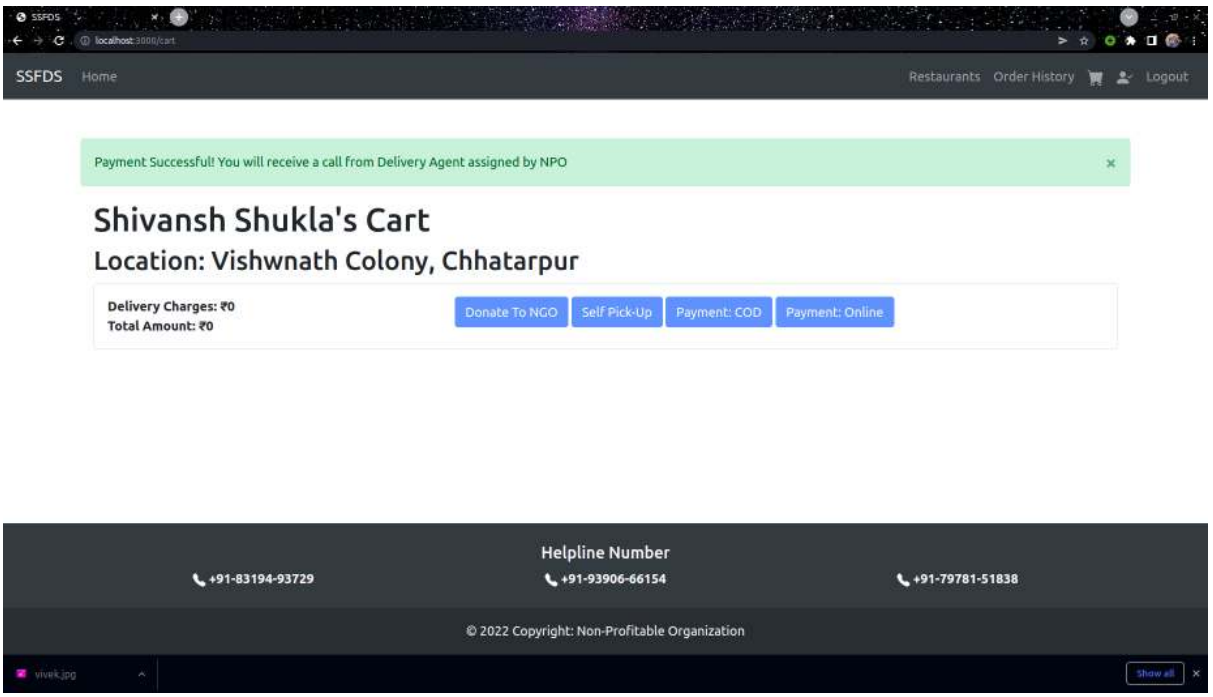
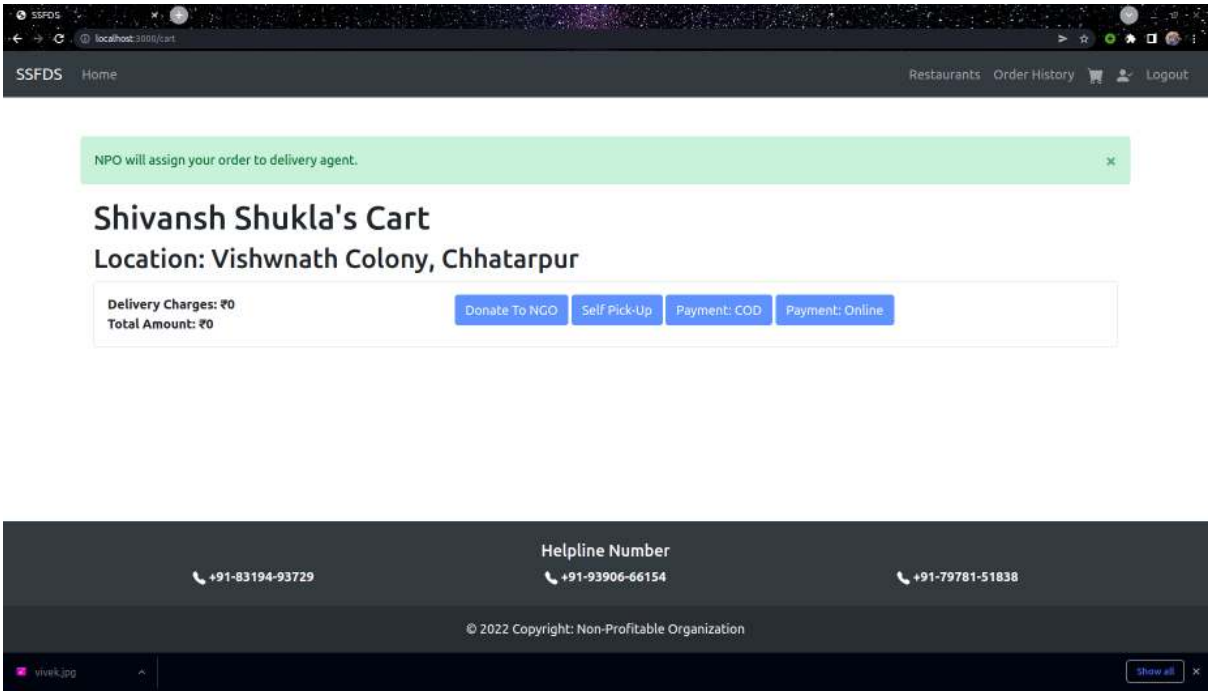
vivek.jpg
Show all



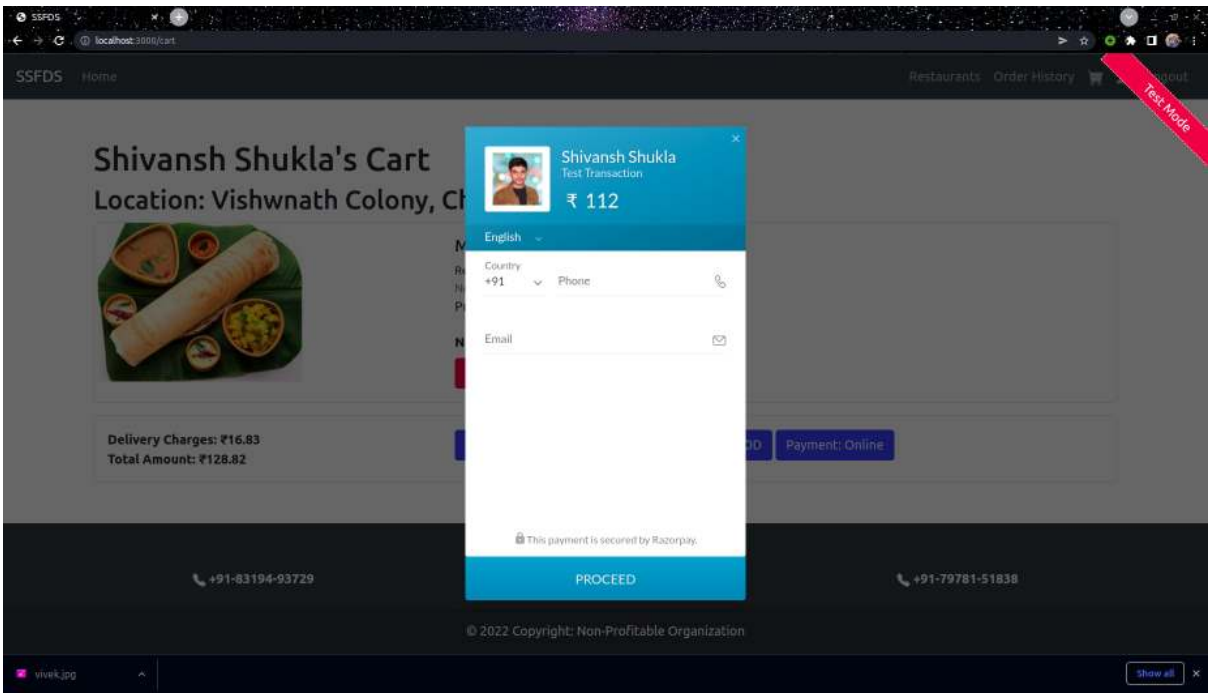
2. Payment : COD

- On clicking “Payment : COD” button, it will place the order and redirect to cart again :



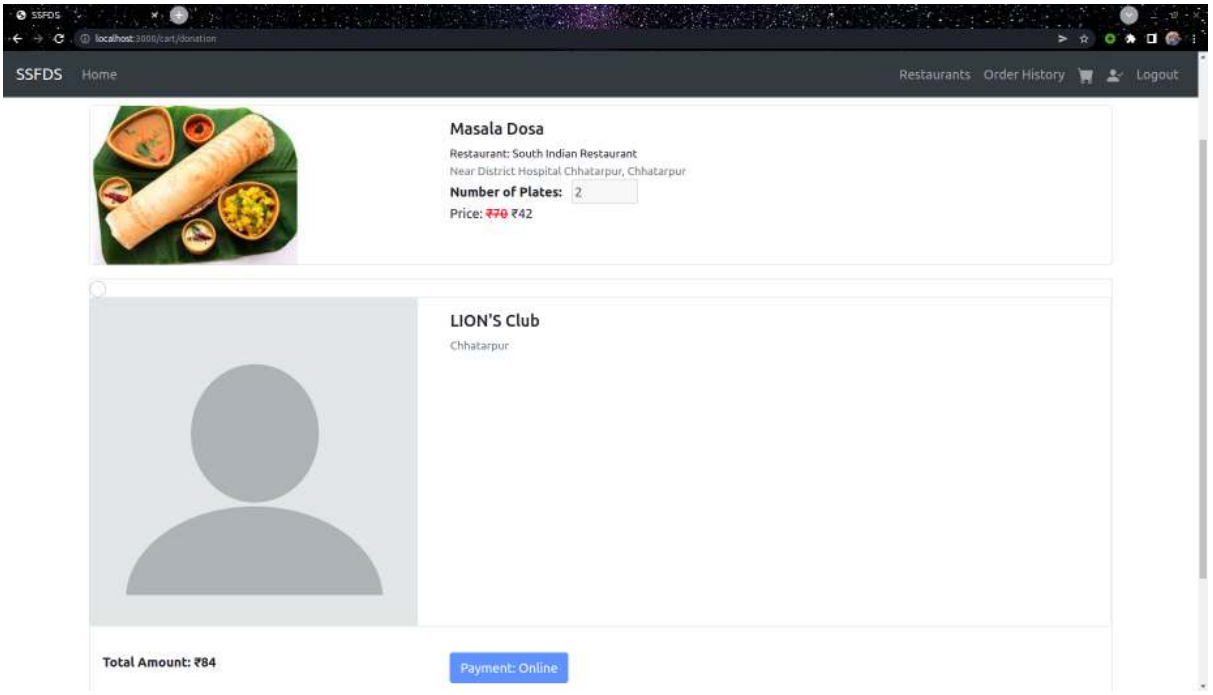
3. Self Pick-Up

- On clicking the “Self Pick-Up” button, it will show the total amount *without delivery charges* & will follow the same series of events as Payment : Online mode.



4. Donation to NGO

- On clicking “Donation to NGO” button, it will redirect to donation to NGO page :



- Here, A Customer can choose any NGO by clicking on the corresponding button.

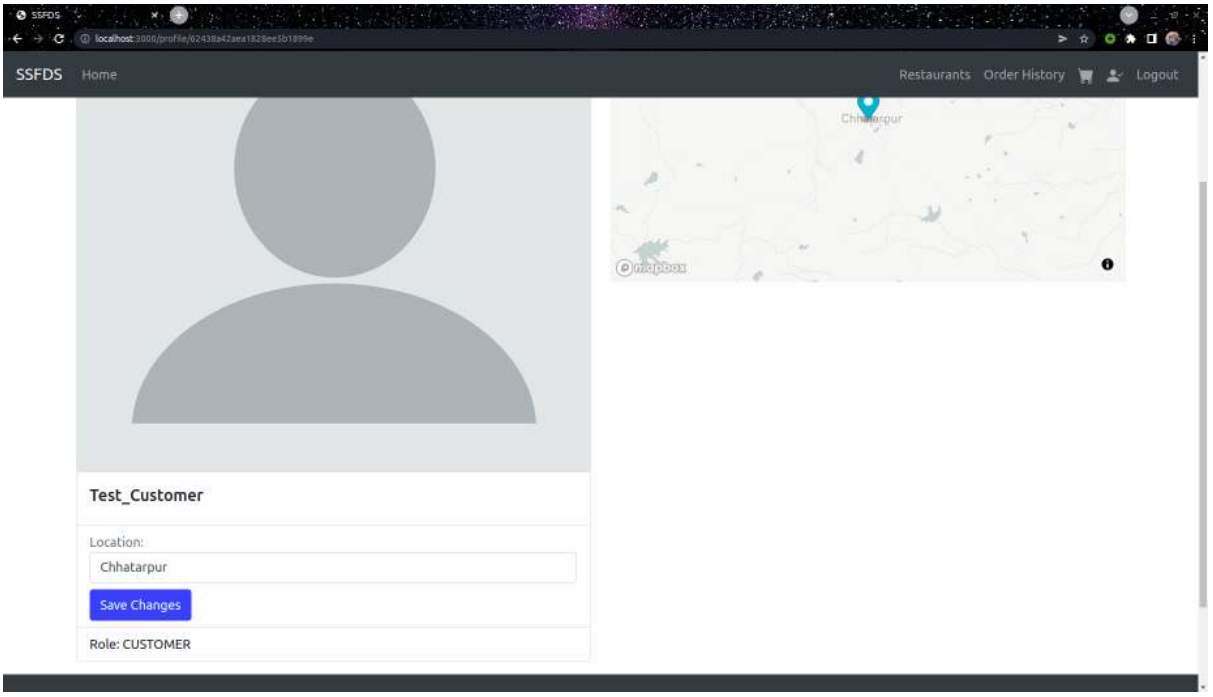
- After that, the customer can click on the “Payment : Online” button and the same series of events will occur as described in the “Payment : Online” section above.

Error Handling

- If at any step of the transaction, we close the window or some other error happens, the order status will become “Failed” and the same will reflect in Order History .

Personal Details :

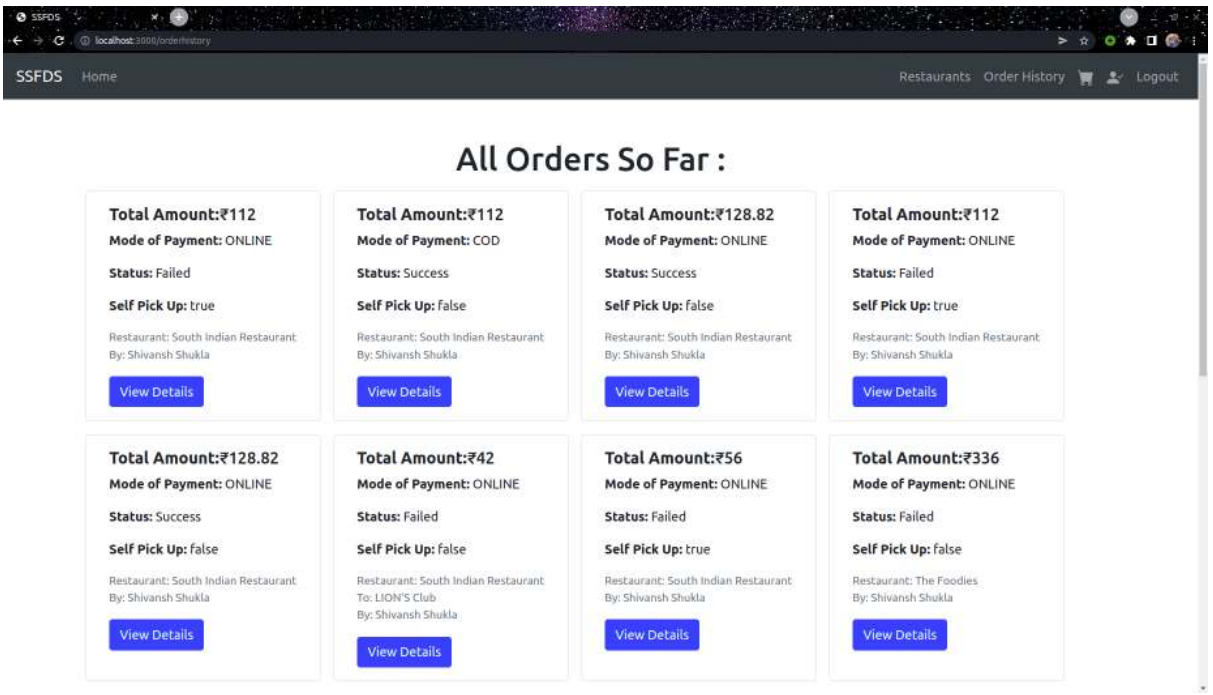
- On clicking the 2nd right icon in the top, it will redirect to the profile page.



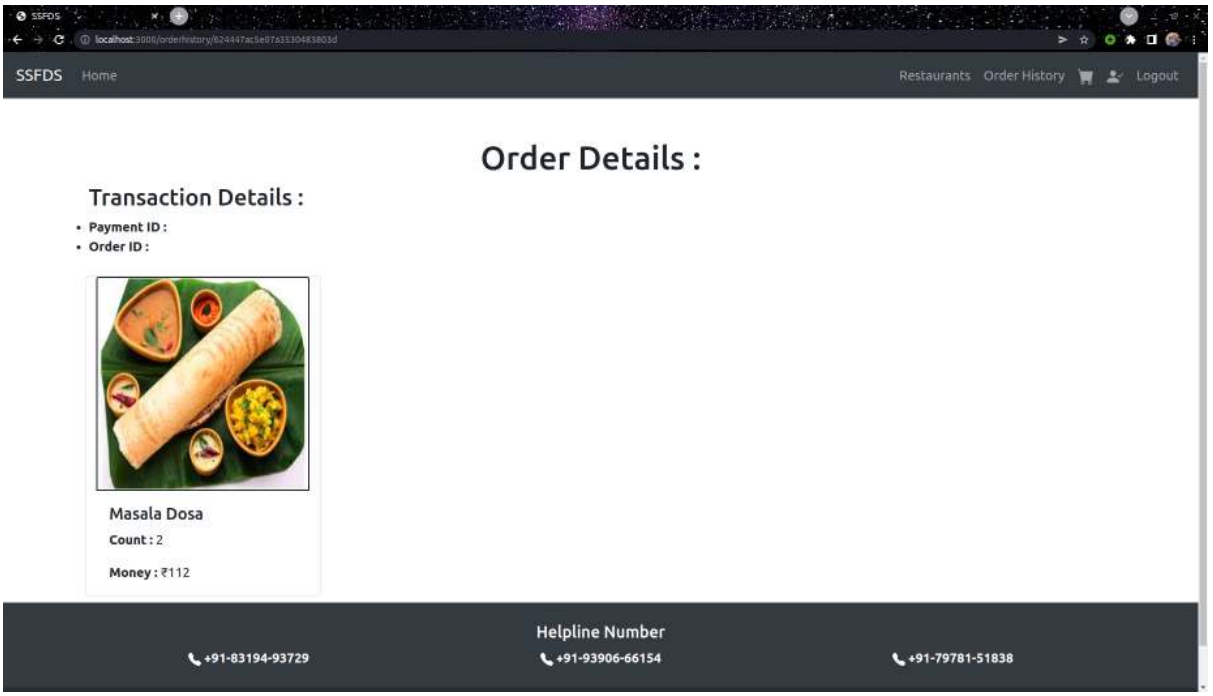
- It shows the username of the customer, his/her location & role : CUSTOMER.
- It also provides an option to change the address.
- Mapbox api geocodes the “Location” and shows it in the map.

Order History

- On clicking “Order History” button in the top, it will redirect to order history page :



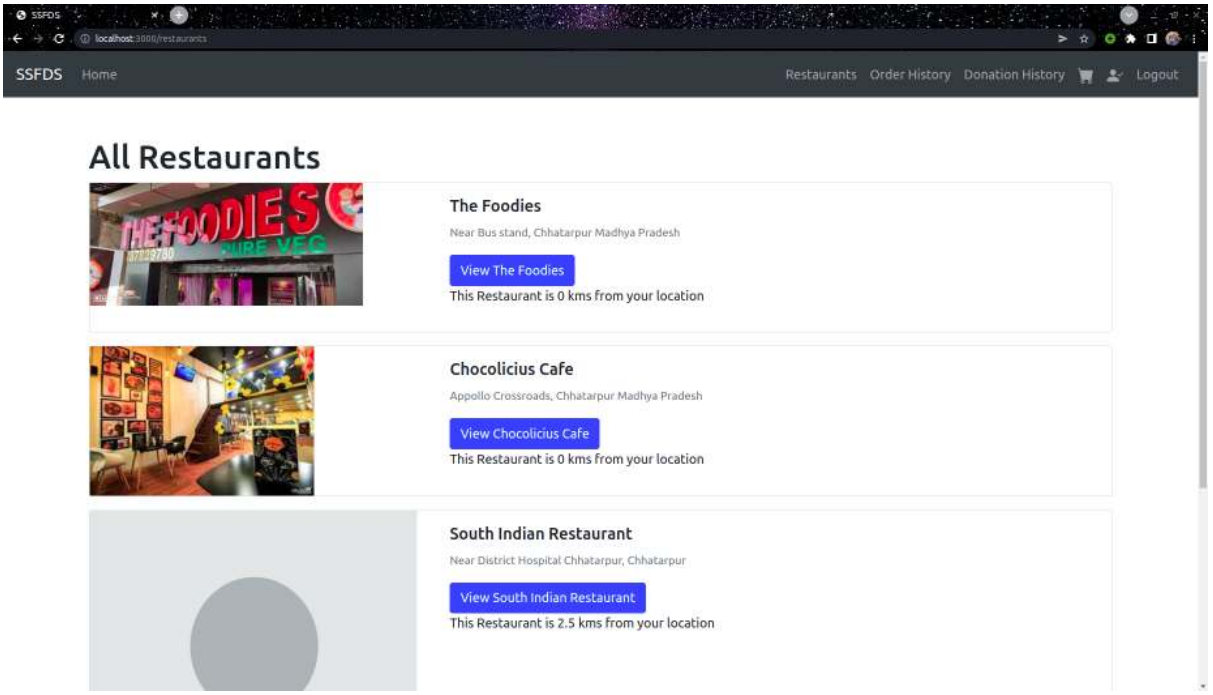
- For each order, it will show total amount, mode of payment, status, whether chosen self pickup or not, the restaurant which sold it, the customer who purchased it(which is constant here) and also if the customer has donated it to a particular NGO along with the NGO's name.
- To view transaction details of a particular order, admin can click on “View Details” button. It will redirect to another page :



NGO FEATURES :

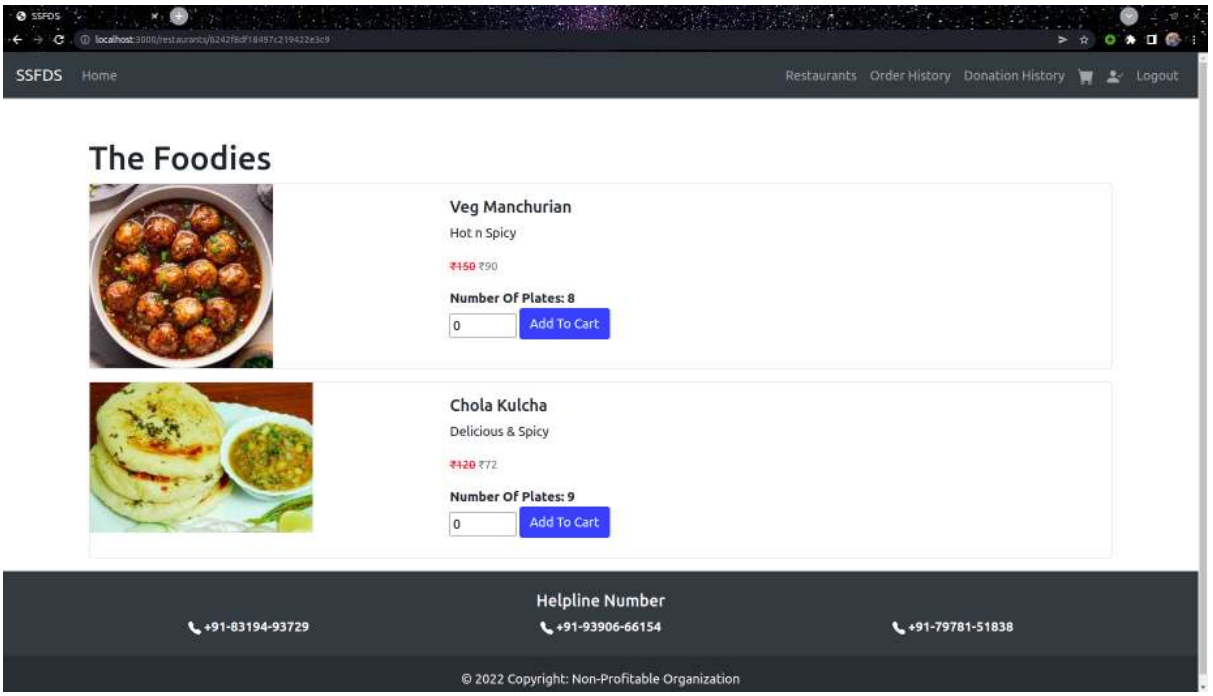
Dashboard

- After login, the NGO will be redirected to its dashboard which will show a list of all restaurants within a 10km radius.

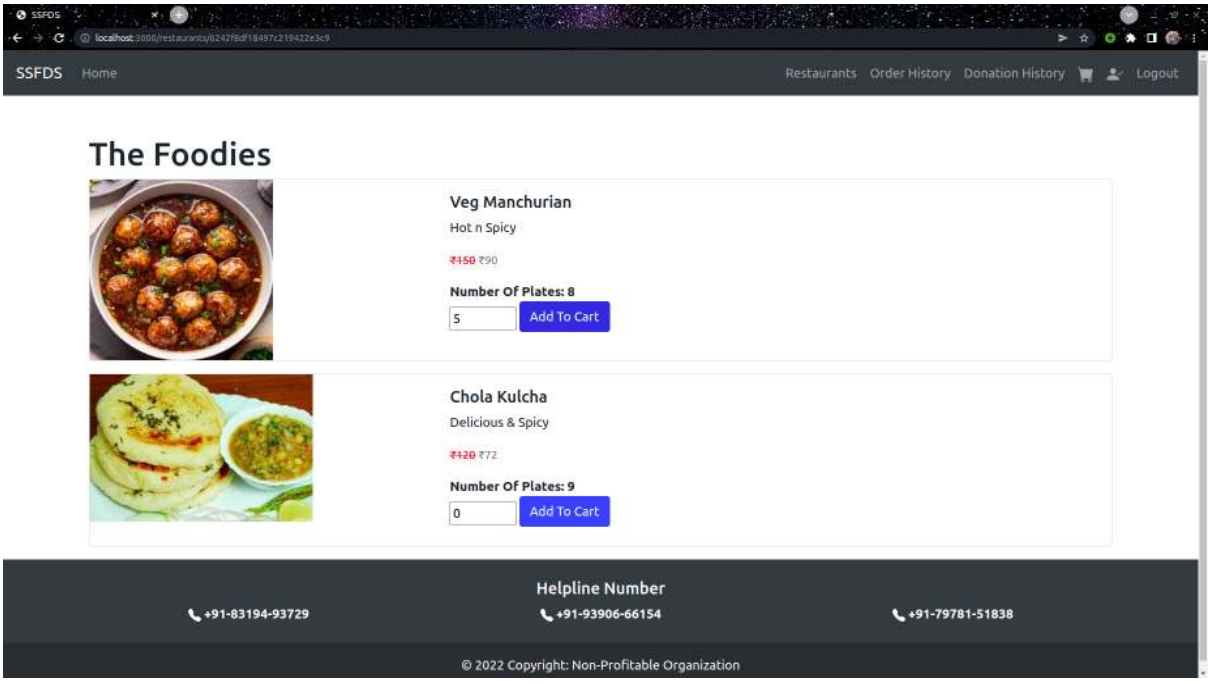


Menu of Restaurants

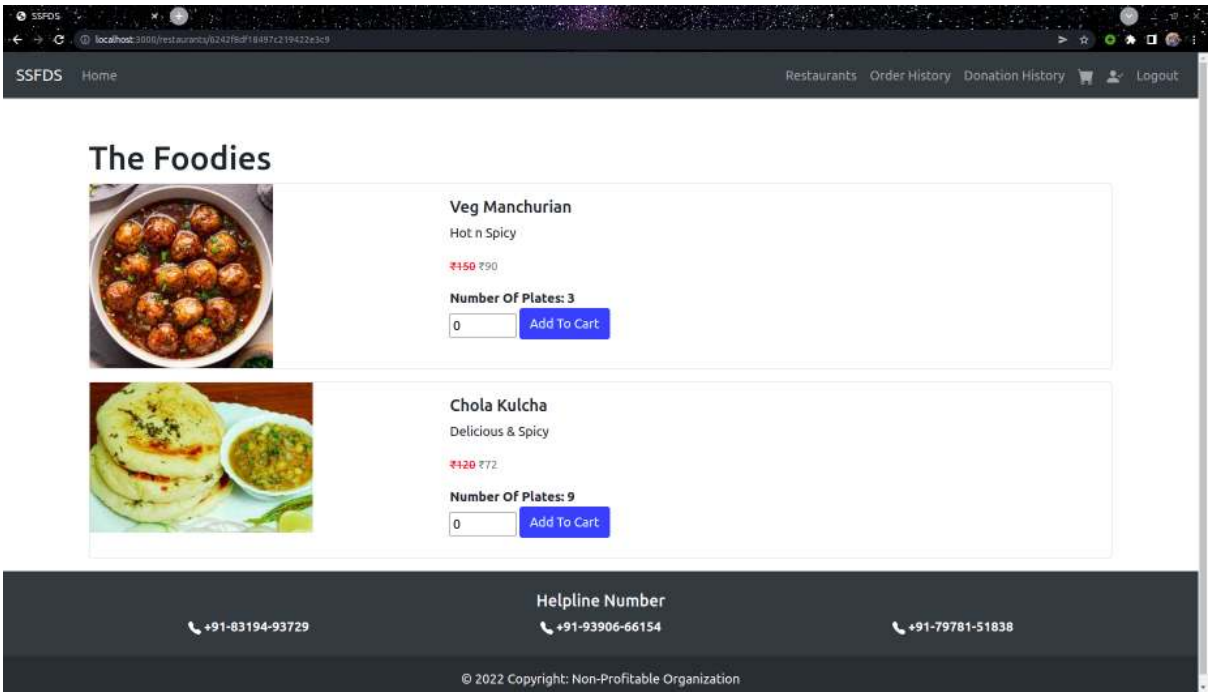
- By clicking on “View $(Restaurant_name)” in the card of each restaurant , we can see their menu. For example, Clicking on “View The Foodies” button, it will redirect to menu offered by The Foodies :



- To NGO, food will be shown at a discount of 40%.
- A NGO can specify the number of plates of a particular food item and add them to cart by clicking on the “Add to Cart” button corresponding to each food item.

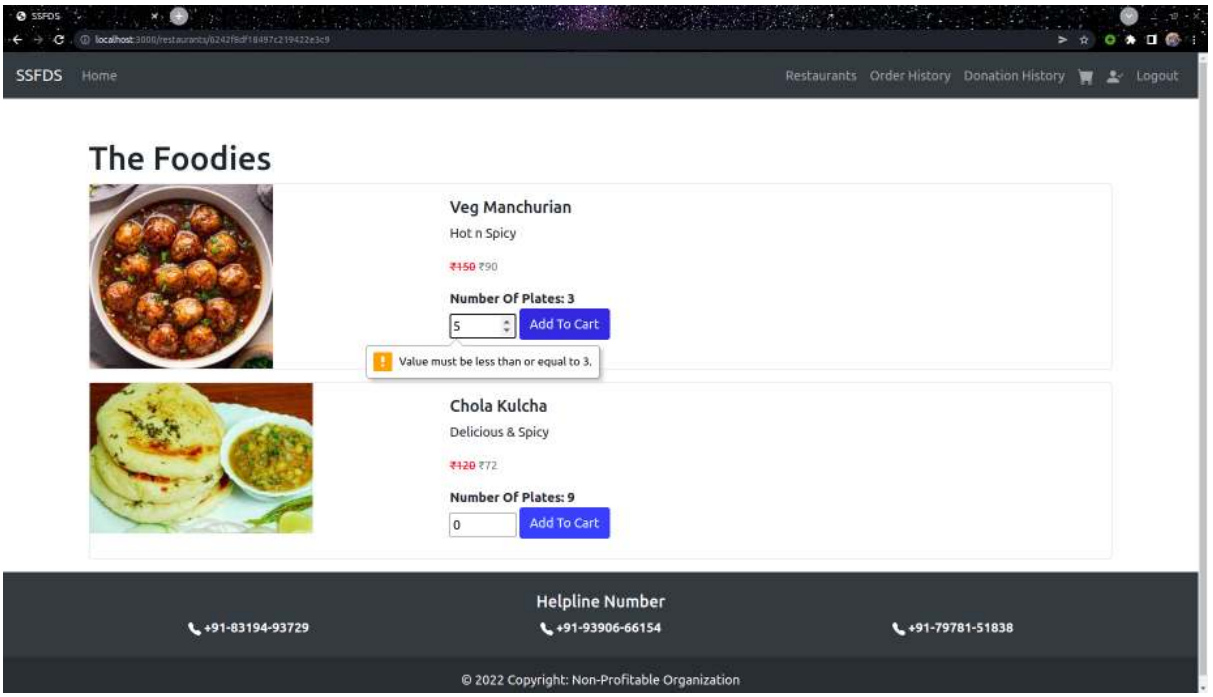


- On clicking the “Add to Cart” button, it will add the corresponding number of plates of that food item to the ngo’s cart & reduce the available count of plates in the restaurant's menu & it will redirect to the current page.



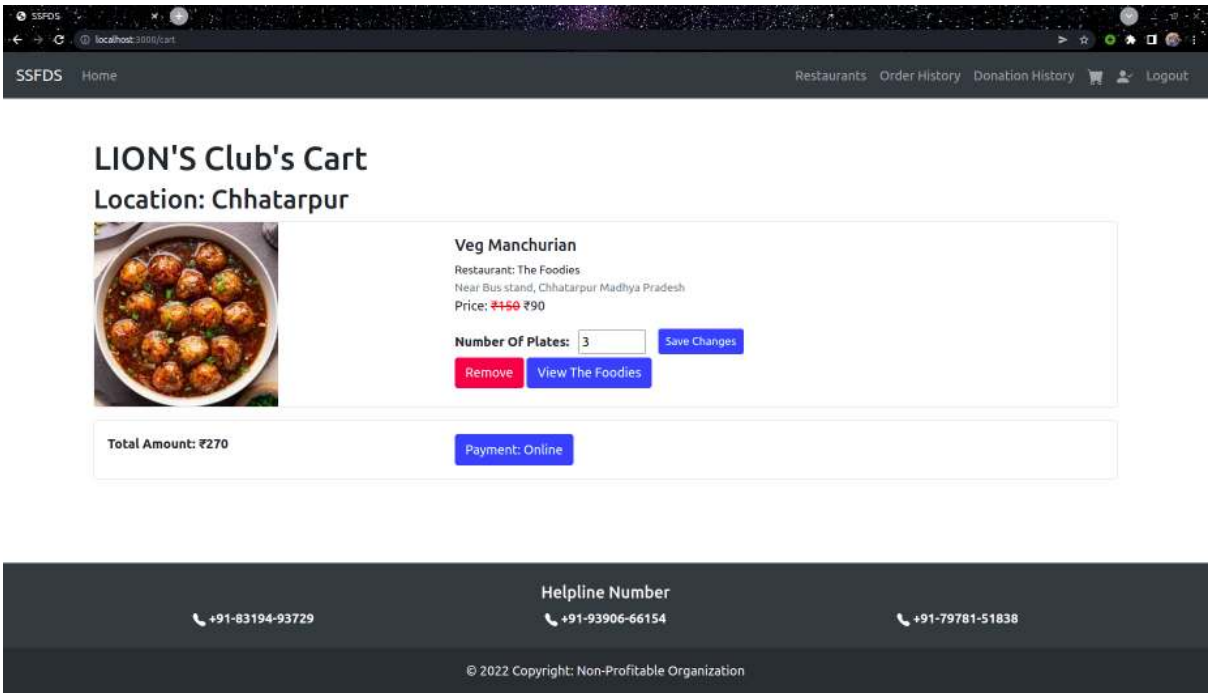
Error Handling :

In menu of a restaurant, if a customer enters the number of plates to be greater than the available count, then it will show a pop-up message that “ Value must be less than or equal to $(available_count)” :



NGO's Cart

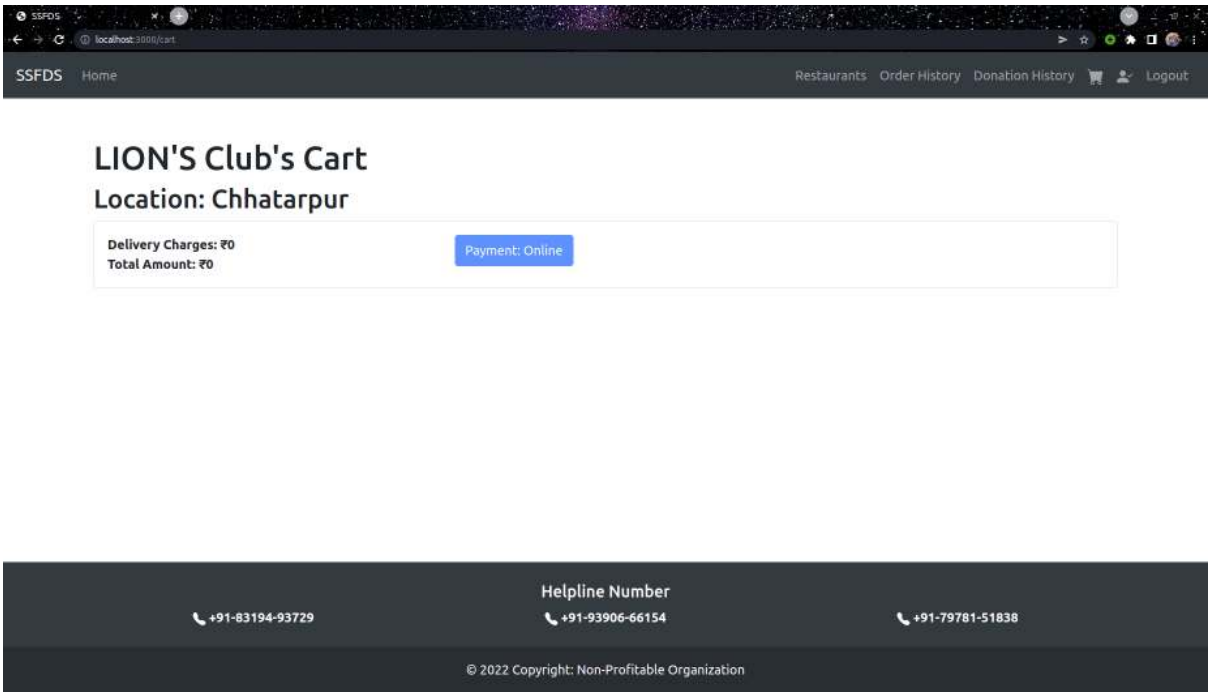
- On checking cart now by clicking on 3rd right button(which symbolises cart) at the top right :



- In the bottom, it shows the "Total Amount" by summing the amount of all food items present in the cart.
- The only option of payment for a NGO is Online(through netbanking/cards/upi).
- A NGO can edit the number of plates of each food item as per choice & by clicking on "Save Changes", it will redirect to the current page by updating the total amount.
- A NGO can also remove a food item by clicking on the "Remove" button.
- A NGO can also visit back to the menu page of a particular restaurant by clicking on "View $(restaurant_name)".

Error handling :

- When total amount is 0, then all the payment buttons will get disabled to avoid an order of 0 amount[Invalid]

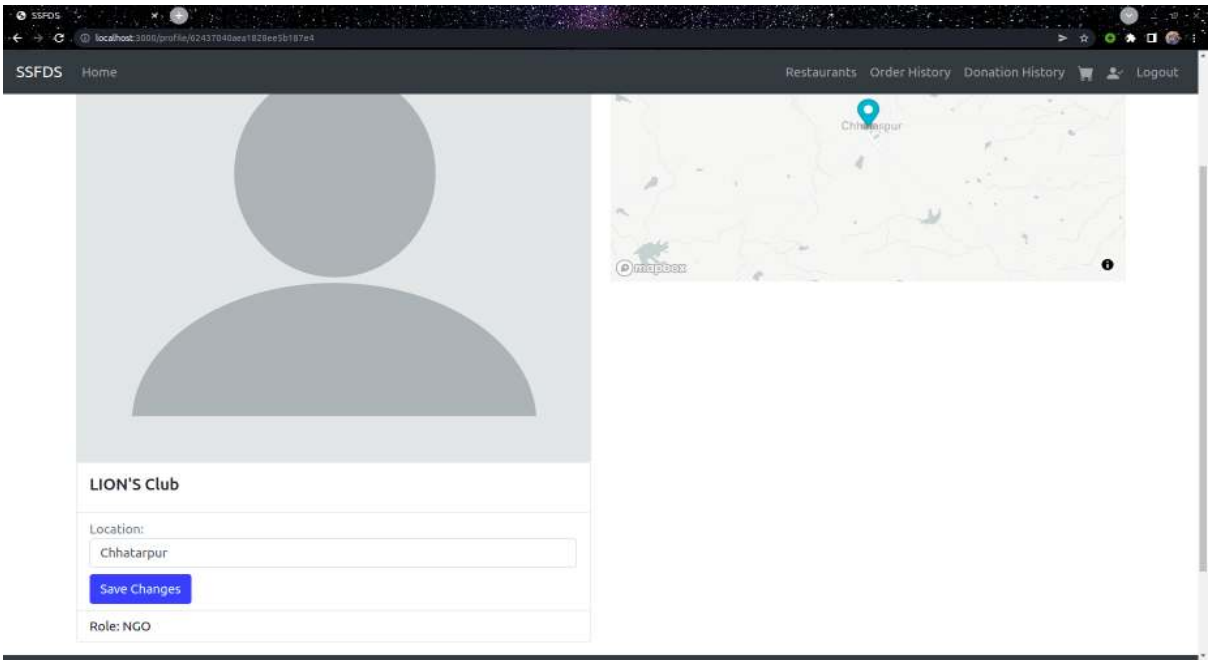


Payment Options :

- Only the “Payment: Online” option is available.
- It follows the same series of events as specified for customers above.

Personal Details :

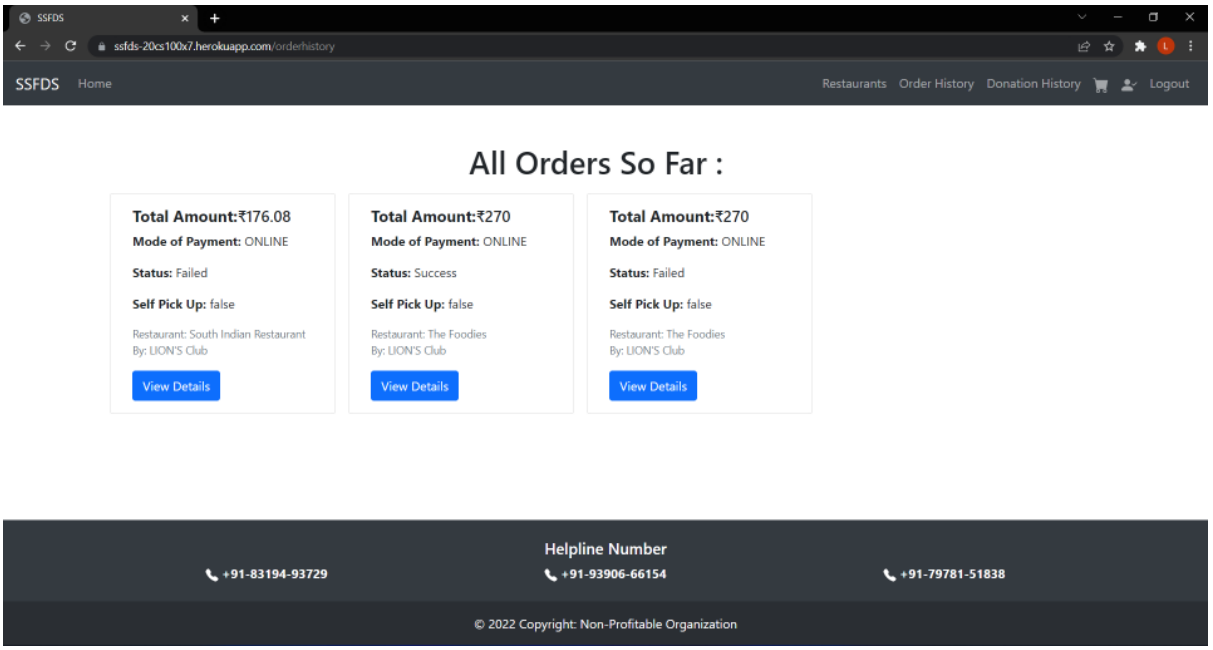
- On clicking the 2nd right icon in the top, it will redirect to the profile page.



- It shows the username of the NGO, its location & role : NGO.
- It also provides an option to change the address.
- Mapbox api tracks the “Location” and shows it in the map.

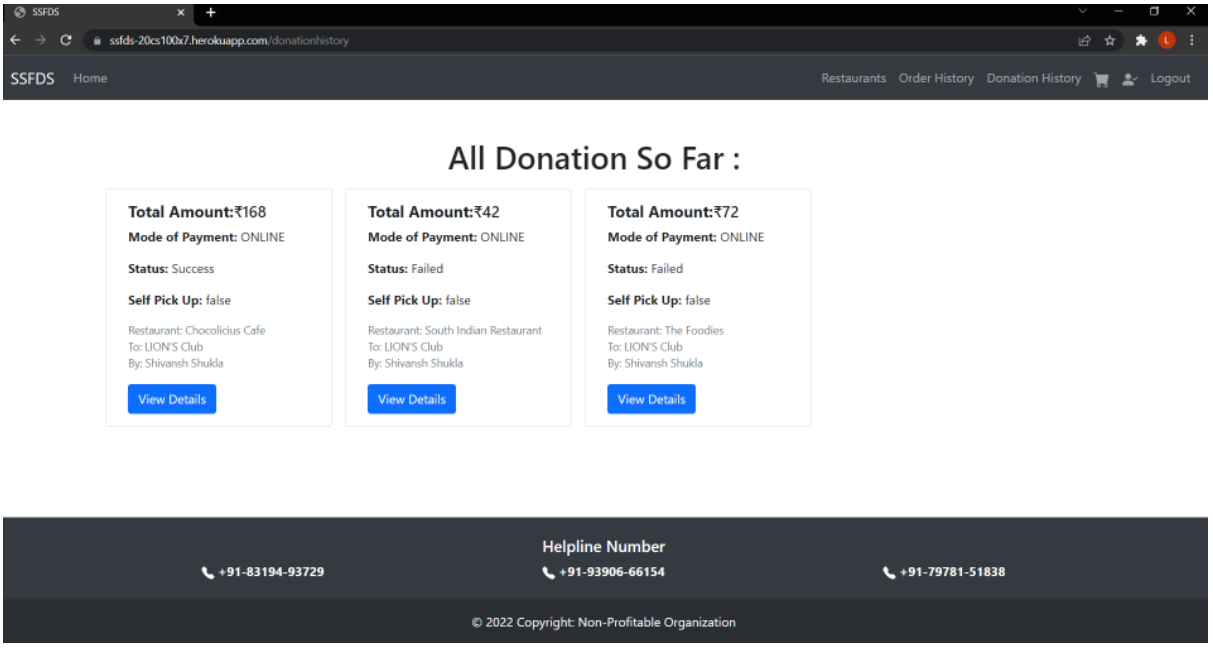
Order History

- On clicking “Order History” button in the top, it will redirect to order history page :



Donation History

- On clicking “Donation History” button in the top, it will redirect to donation history page :

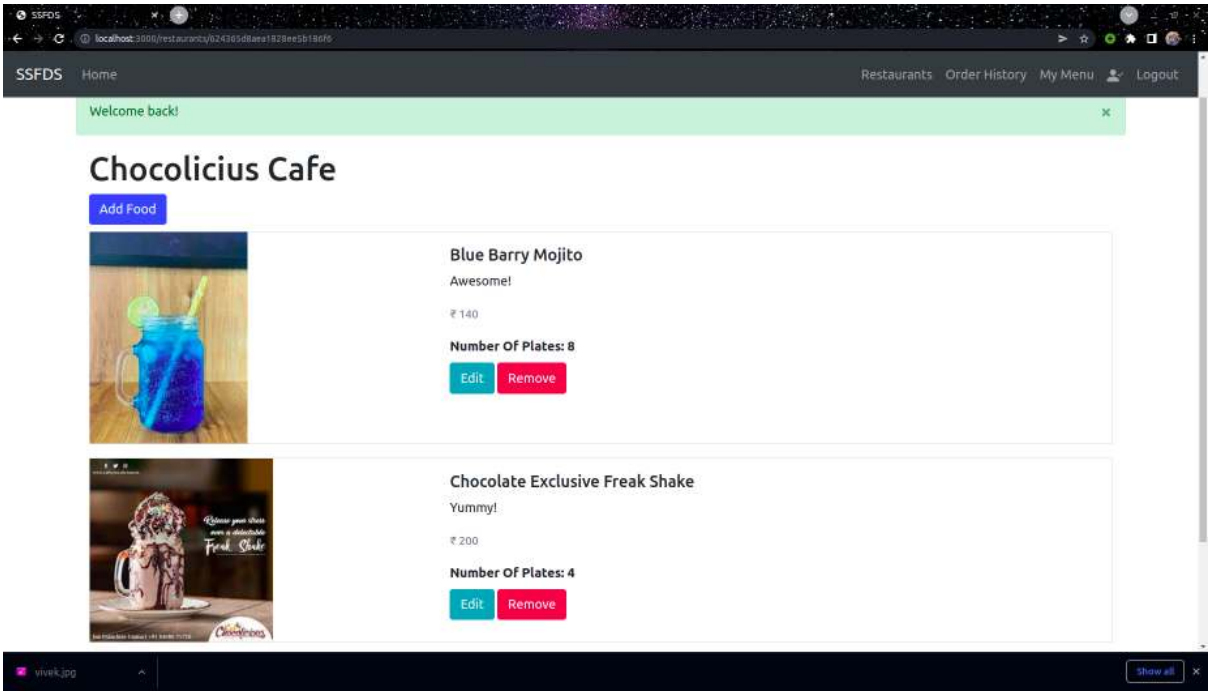


RESTAURANT FEATURES :

Dashboard

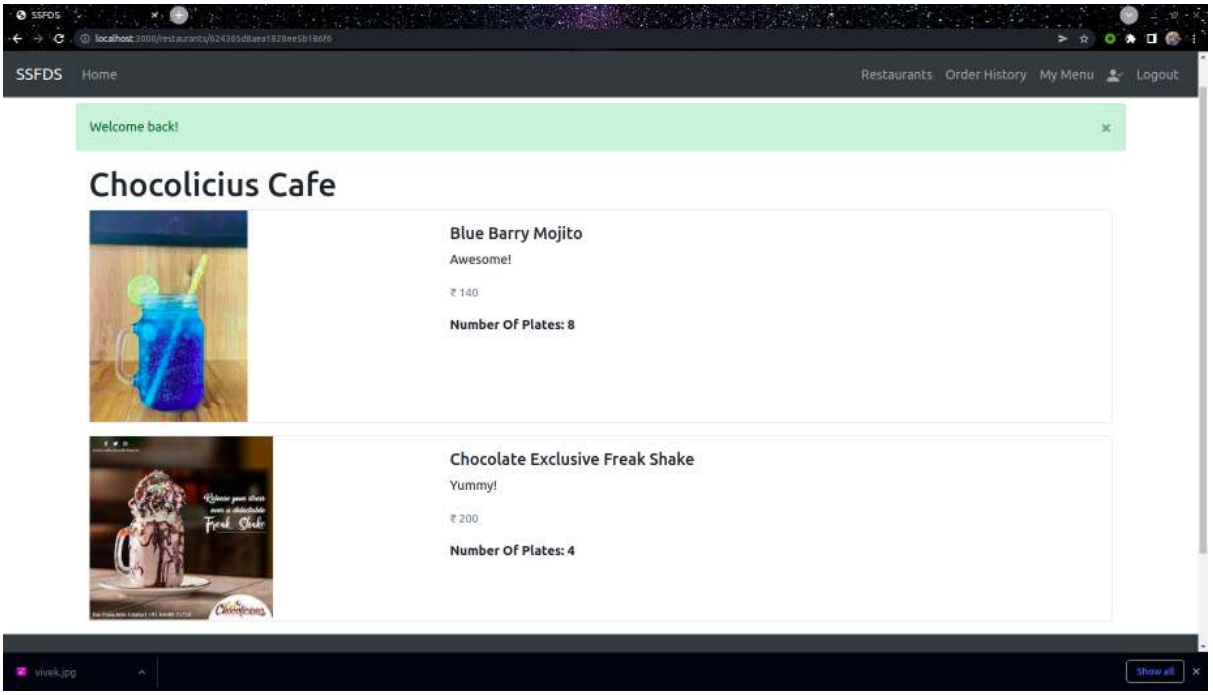
- After login, a restaurant user will be redirected to its dashboard.

When opened within the timings[window-slot] specified by NPO :



- Here the restaurant can edit its menu.

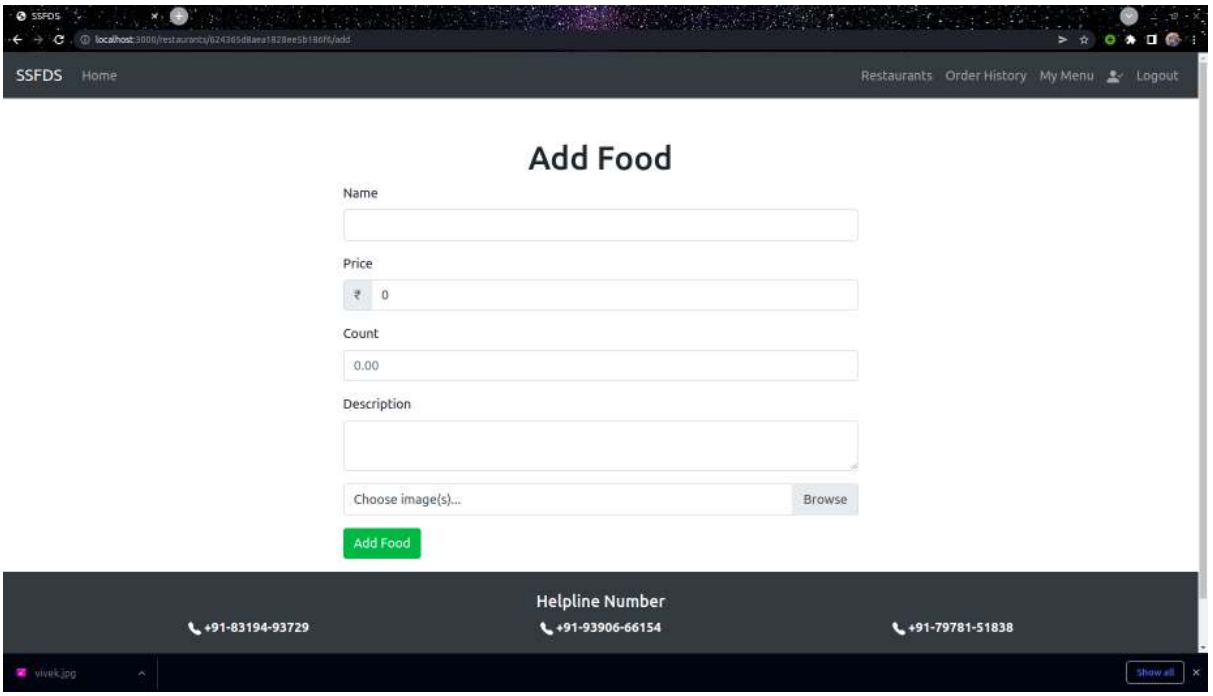
Otherwise



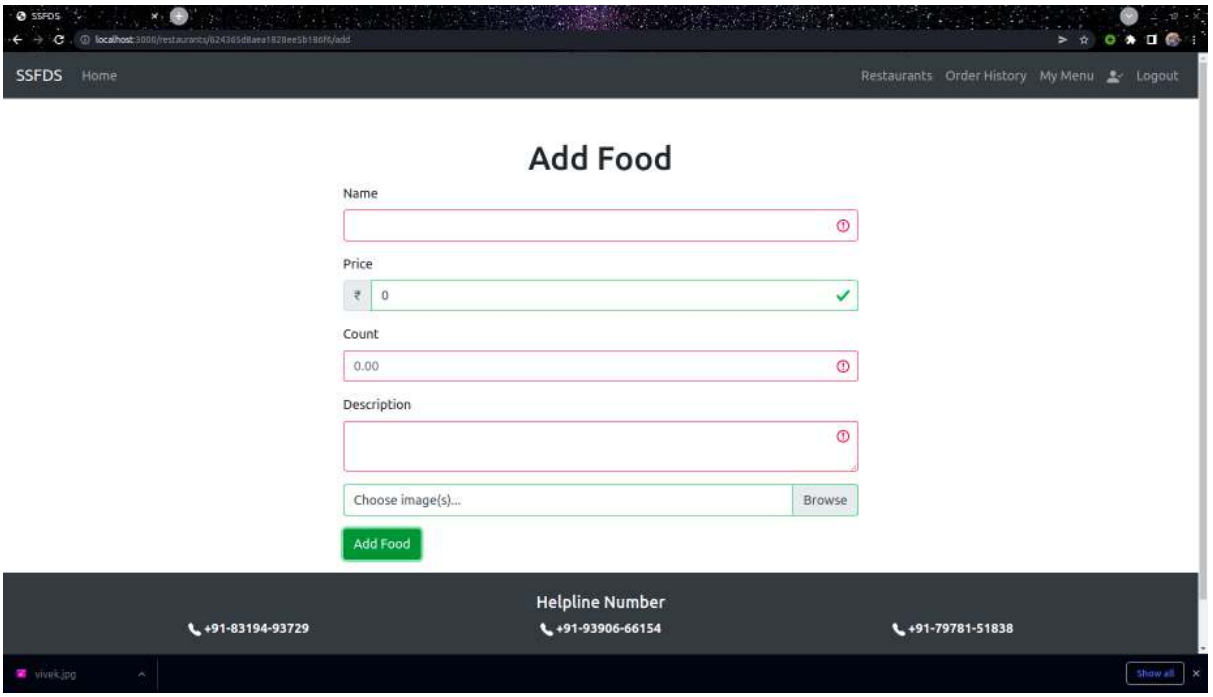
- Here the restaurant cannot edit its menu.

Editing Menu : Add Food

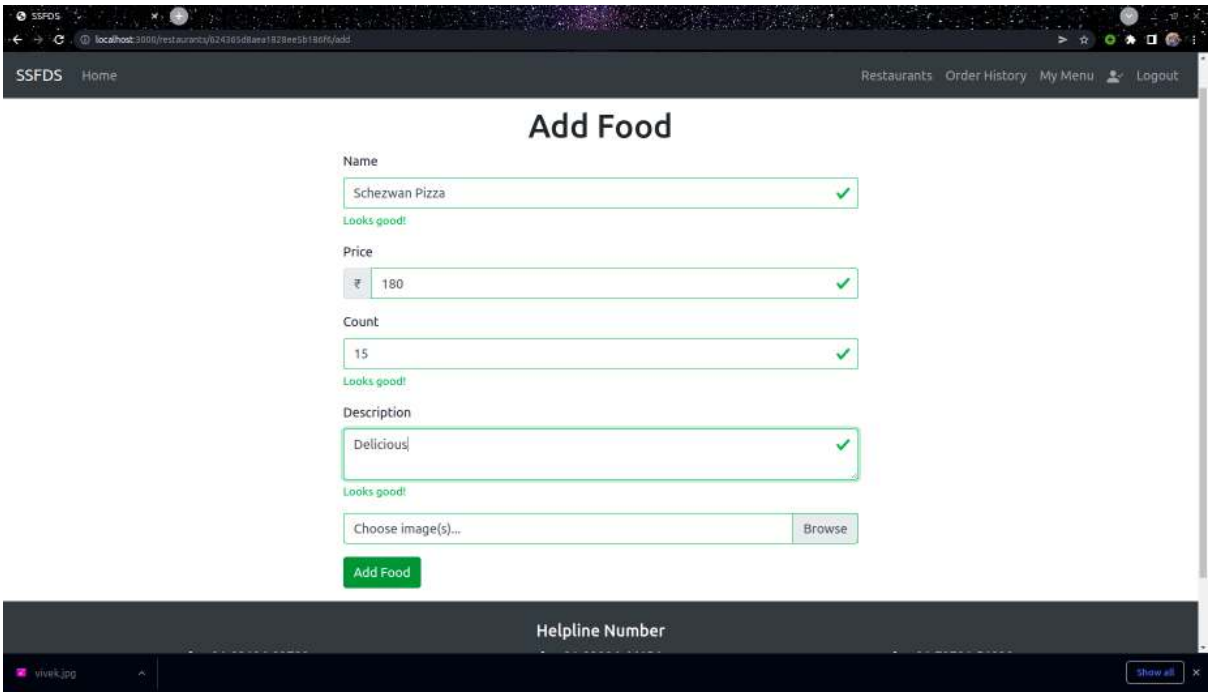
- By clicking on “Add Food” button, it will redirect to add food page :

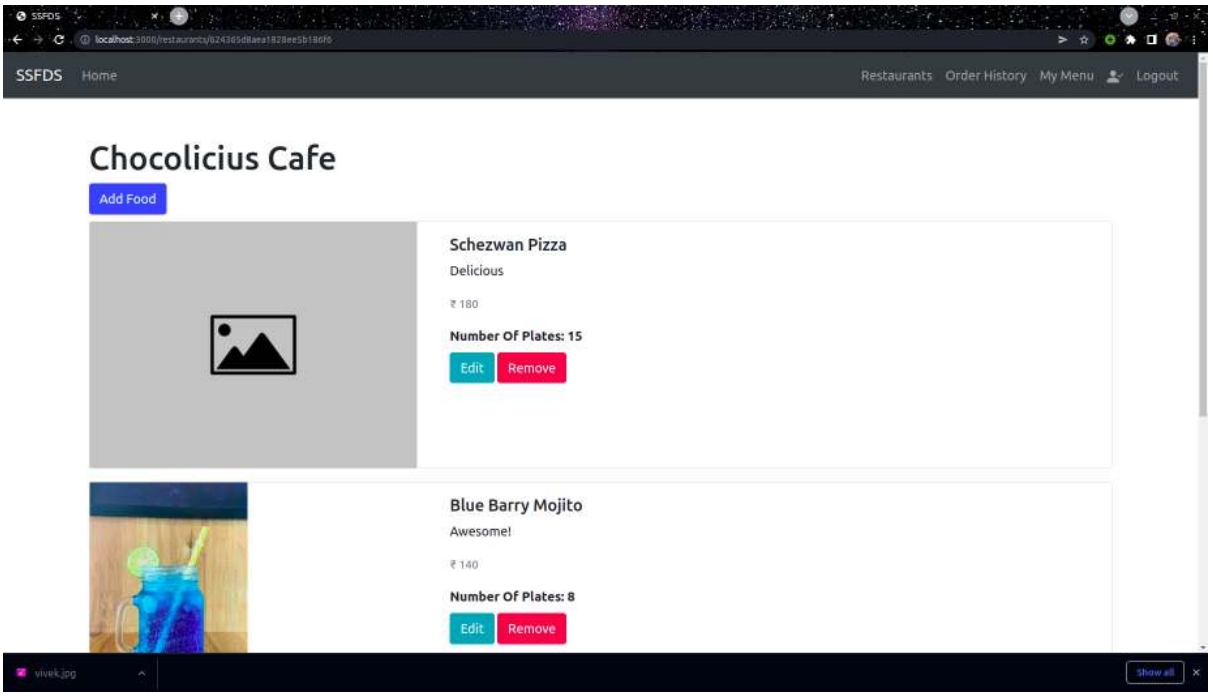


- Here the restaurant user can enter the name of the item, its description, its price and number of available plates. All these entries are required. Optionally, the user can add an image of the food item.
- When entries are not filled :



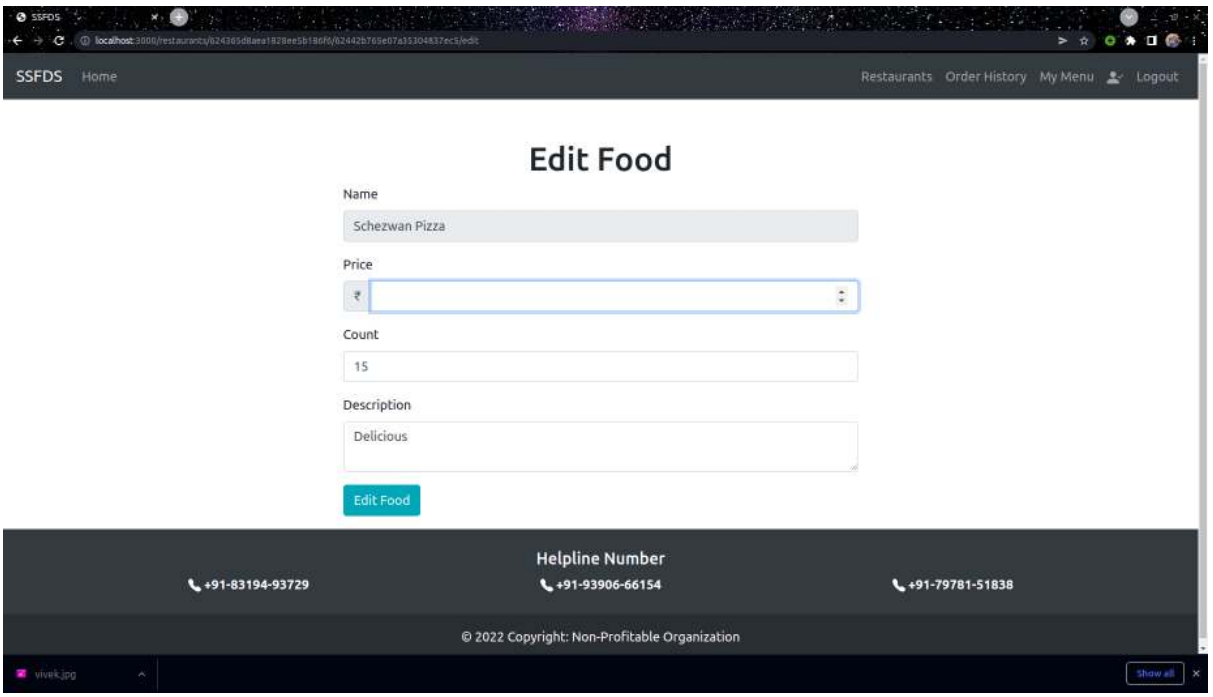
- On filling all valid entries & clicking on “Add Food” button, it will redirect to dashboard & the food item will be added :



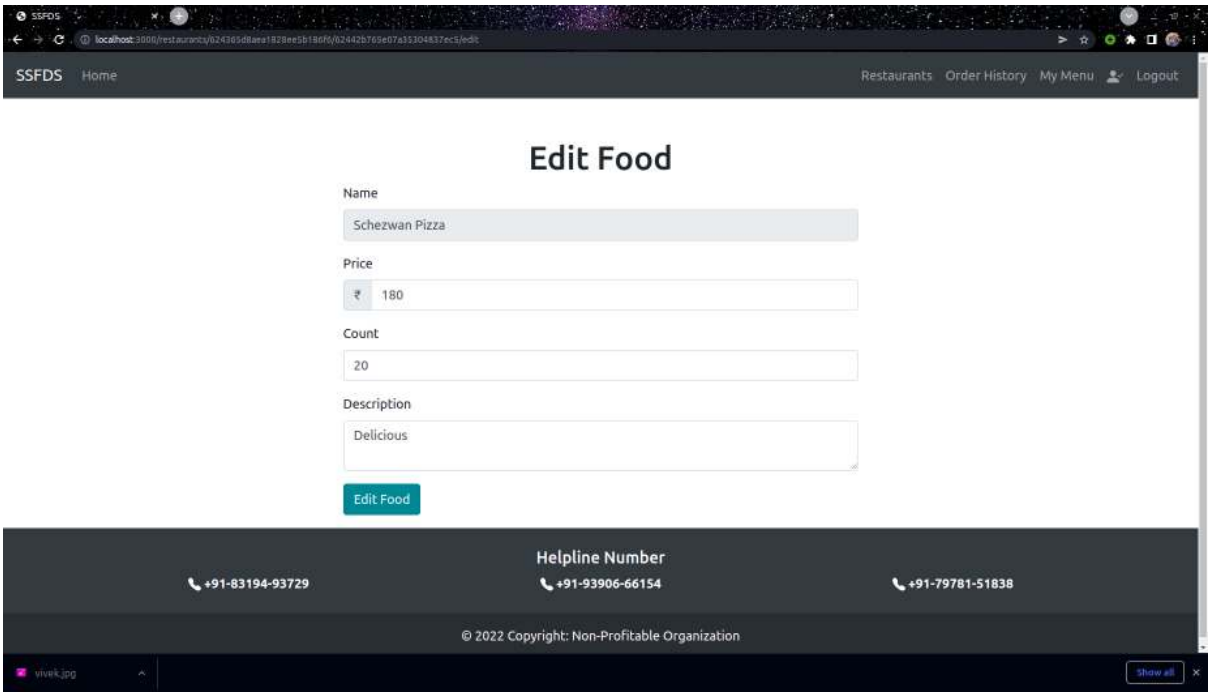


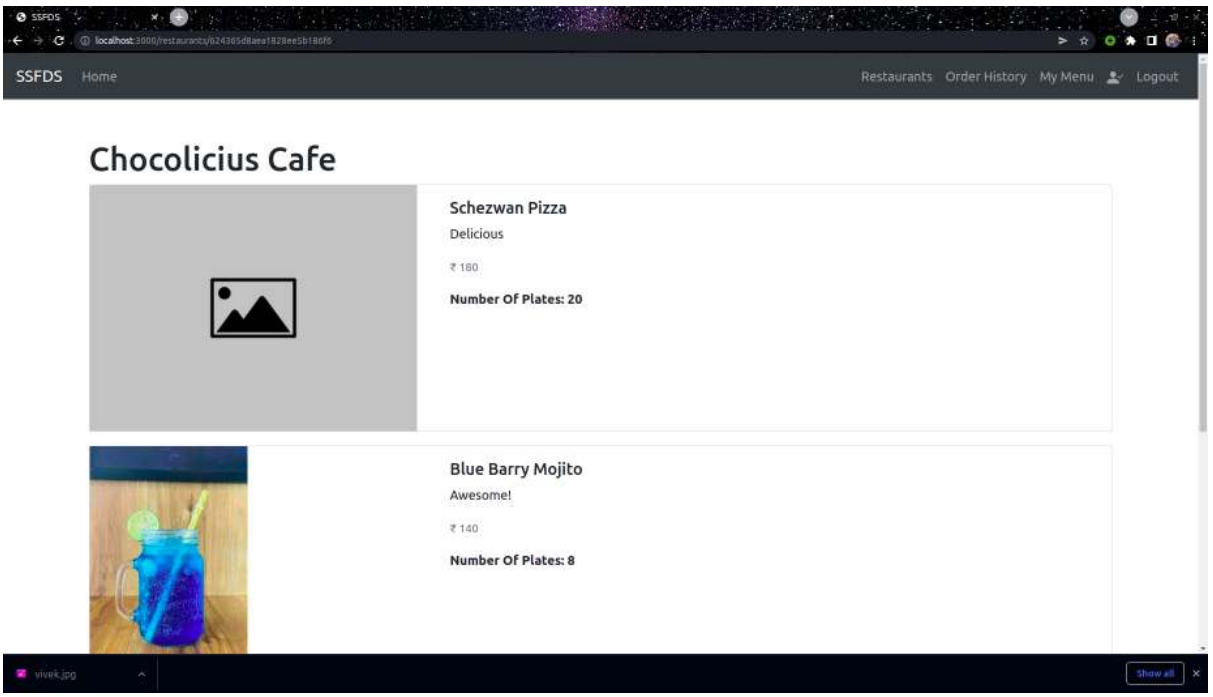
Edit Food item

- On clicking the “Edit” button corresponding to a food item, it will redirect to edit food page :



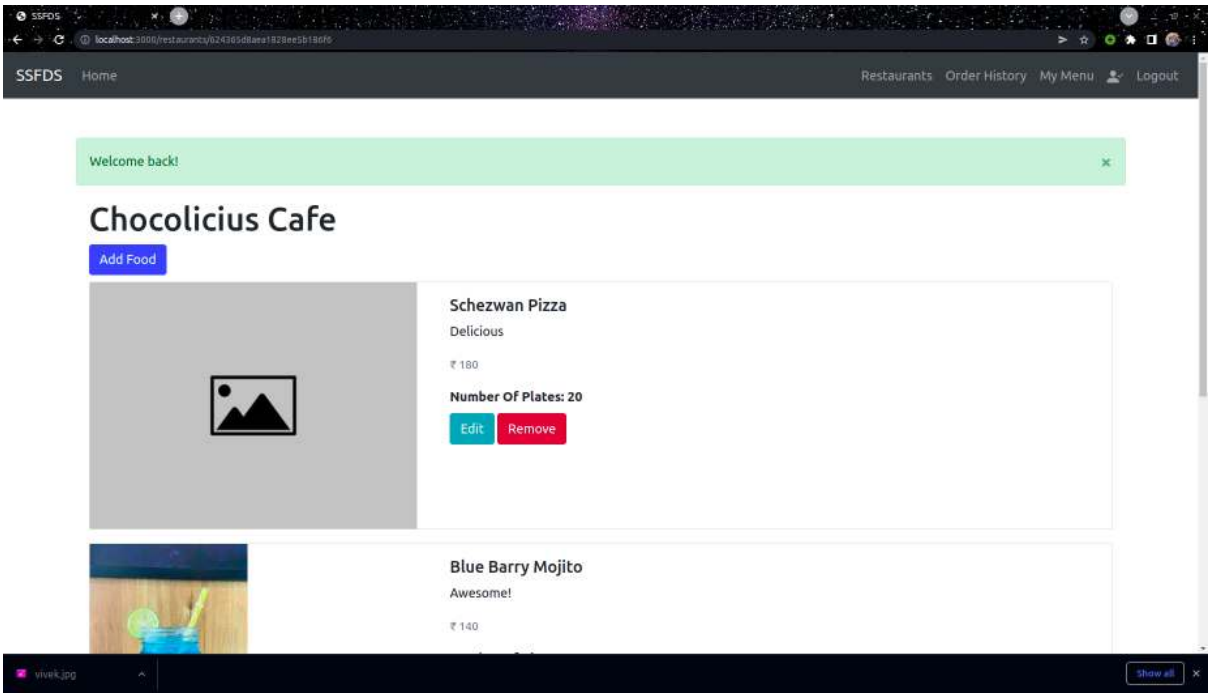
- Here, the user can edit details as specified in the add food section & by clicking on the “Edit Food” button, following changes will be reflected and it will be redirected to the dashboard.

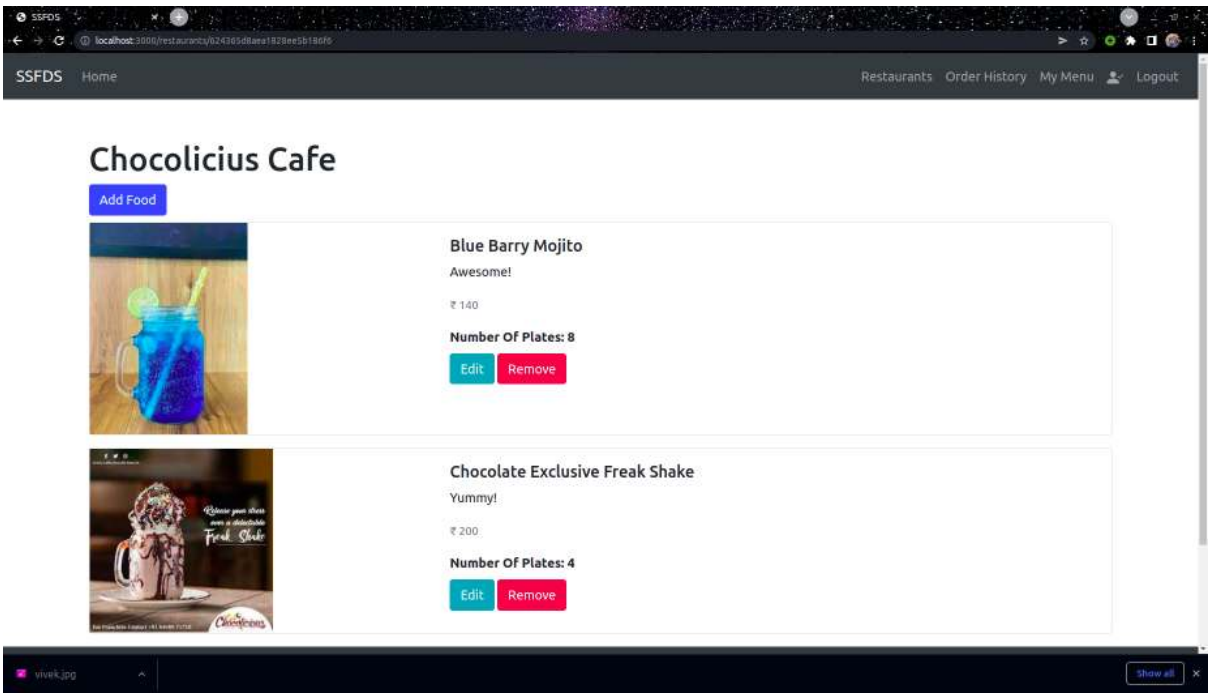




Edit menu : Remove an item

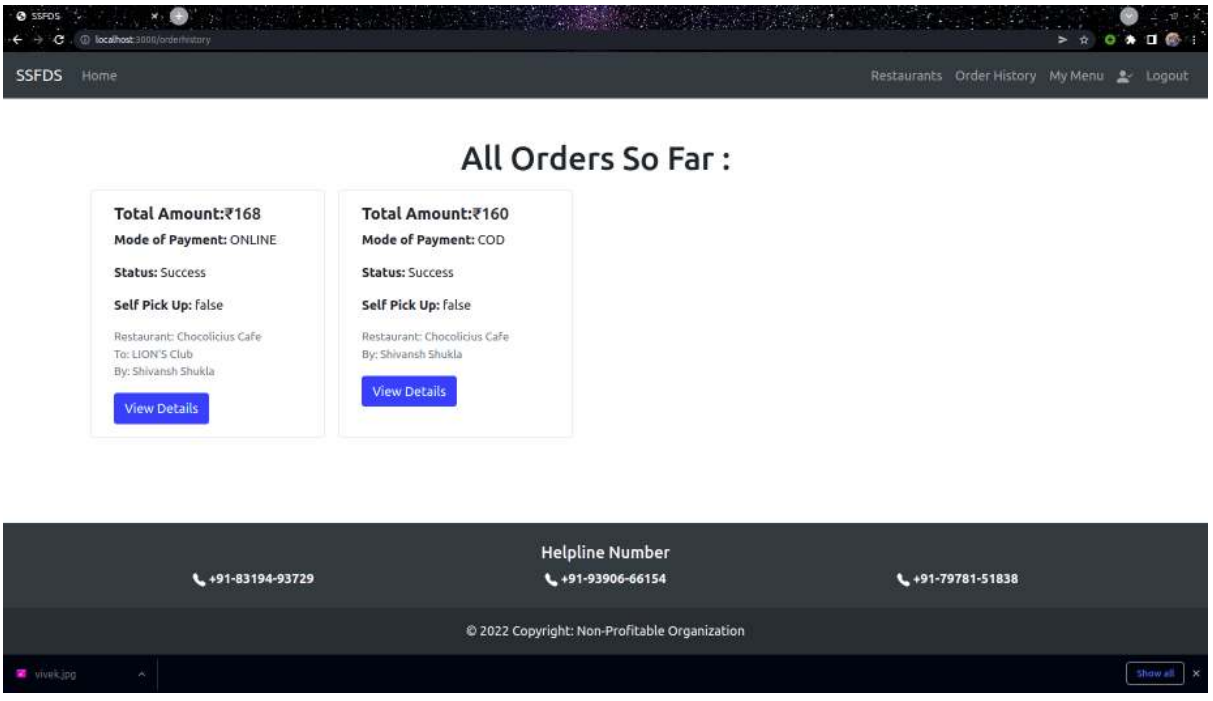
- On clicking on “Remove” button corresponding to a food item, it will redirect to dashboard & remove the food item :





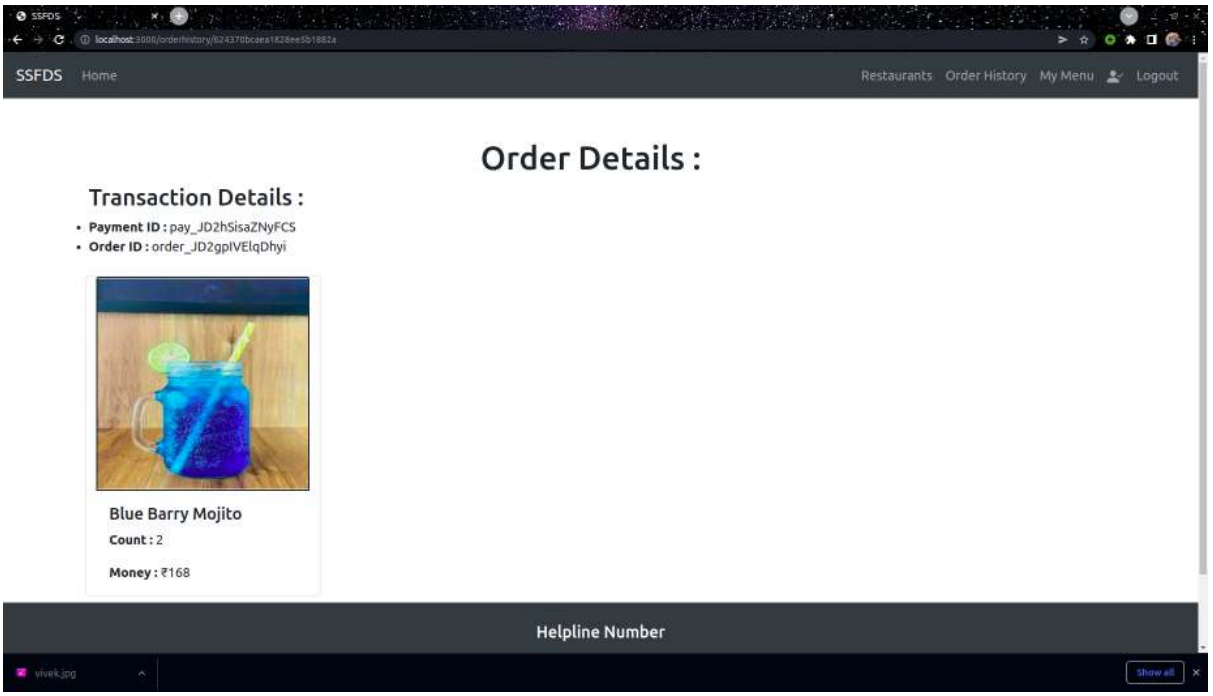
Order History

- On clicking “Order History” button in top right, it will redirect to order history page :



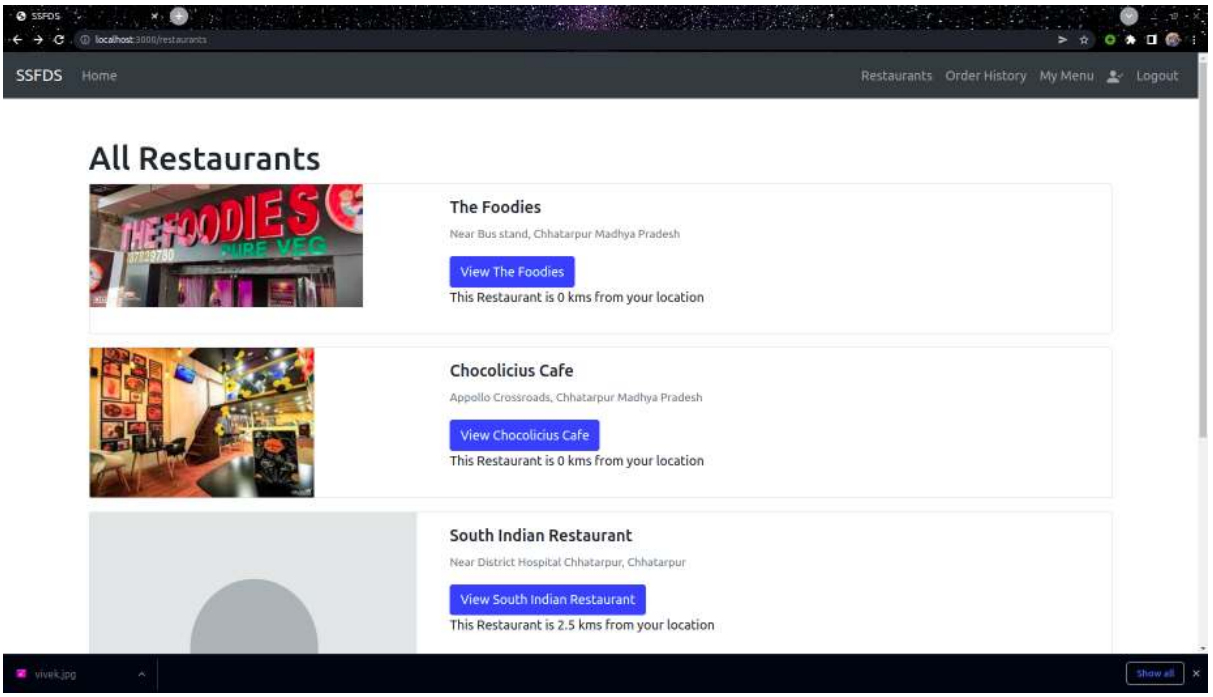
- For each order, it will show total amount, mode of payment, status, whether chosen self pickup or not, the restaurant which sold it(which is constant in this case), the customer who purchased it and also if the customer has donated it to a particular NGO along with the NGO's name.

- To view transaction details of a particular order, admin can click on “View Details” button. It will redirect to another page :

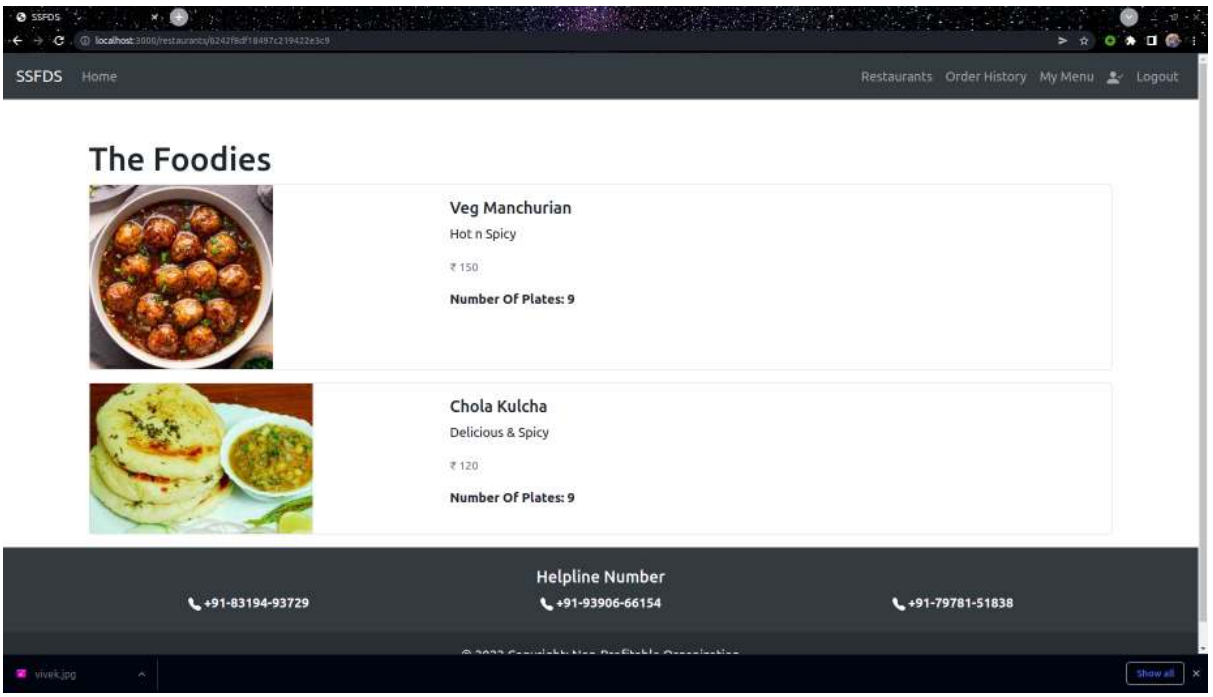


Viewing Other Restaurants

- By clicking on the “Restaurant” button on top, it will redirect to view restaurant pages in which all restaurants within 10 km distance will be shown.

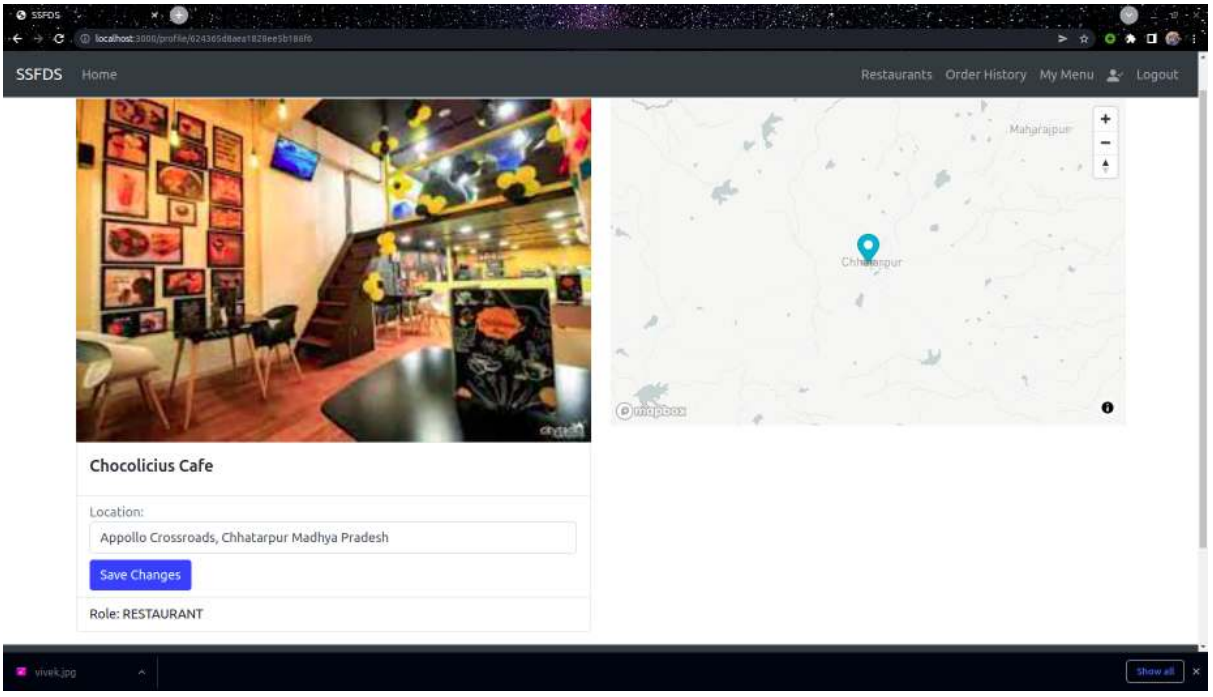


- On clicking on View some other restaurant, the given restaurant user will only be able to see their menu but not edit it :



Personal Details

- On clicking the 2nd right icon in the top, it will redirect to the personal details page of the restaurant :



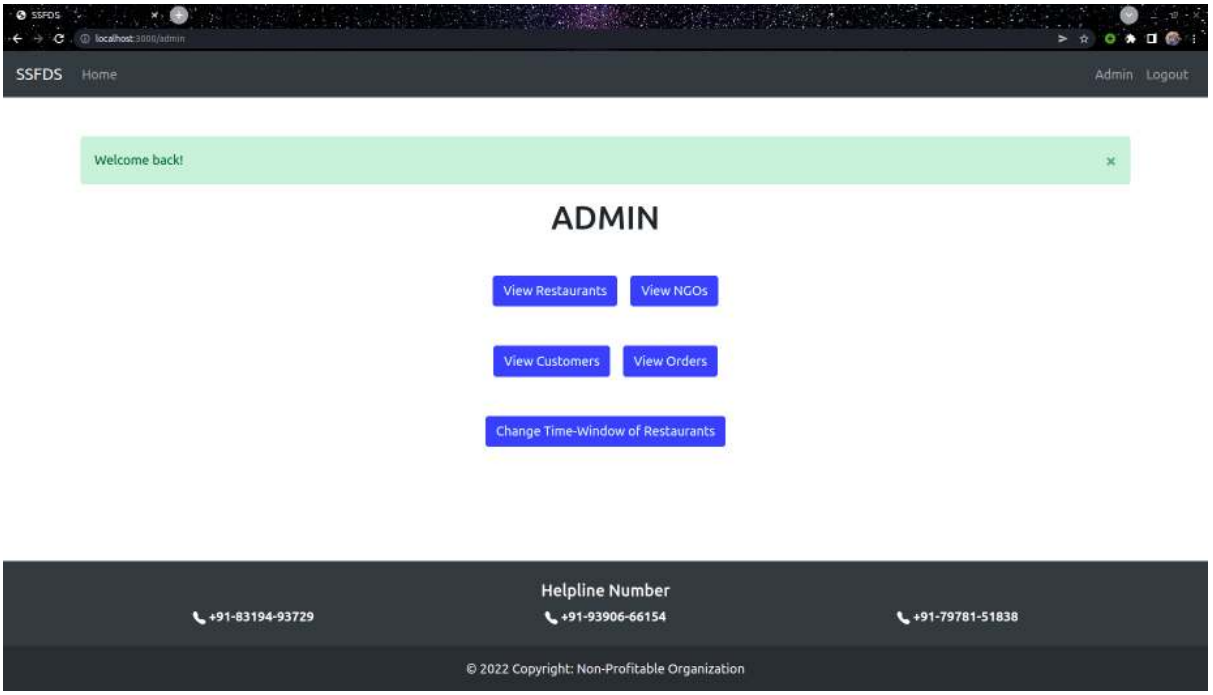
- It shows the username of the restaurant, its location & role : RESTAURANT.
- It also provides an option to change the address.
- Mapbox api geocodes the “Location” and shows it in the map.

ADMIN[NPO] FEATURES :

- No Registration of Admin is allowed as only a particular user should manage the site and to avoid any misuse of Admin Rights.
- Username : 20CS100X7, Password : 20CS100X7

Dashboard

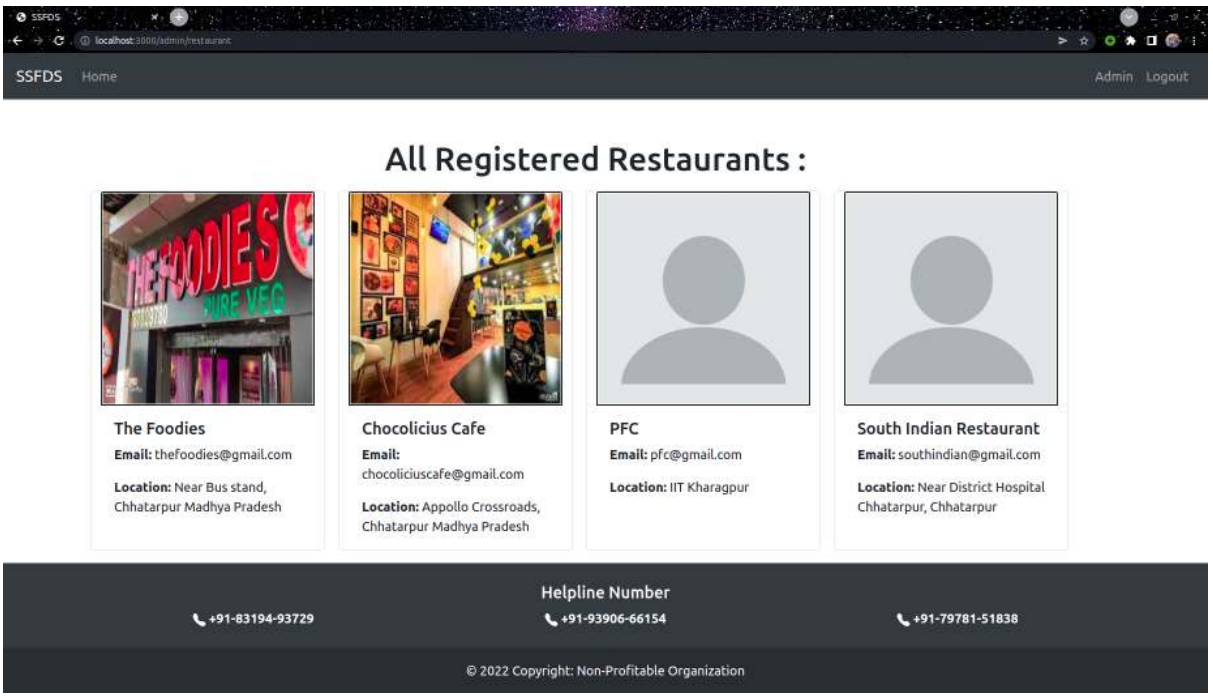
- After successful login from above mentioned credentials, it will redirect to admin's dashboard :



- It has 5 buttons to view details of different types of user, details of all orders and an option to change the window slot for restaurants.

View Restaurants

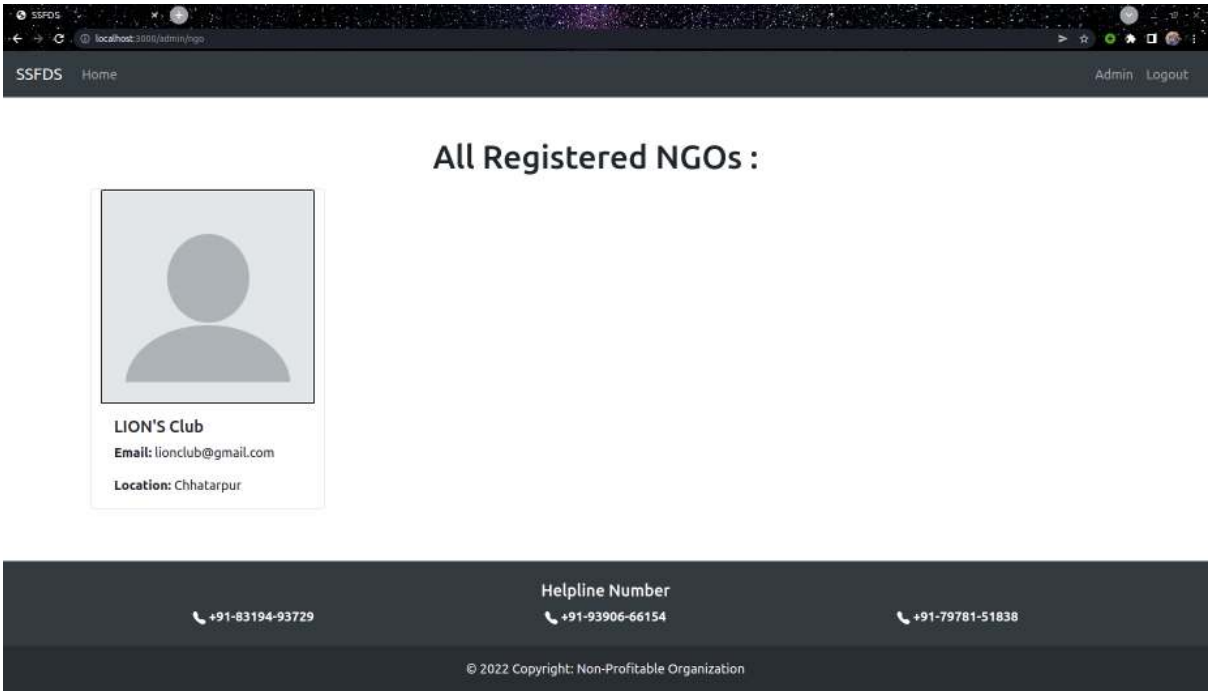
- On clicking "View Restaurants" button, it will redirect to view restaurants page:



- It will show the username, email & the location of each restaurant.

View NGOs

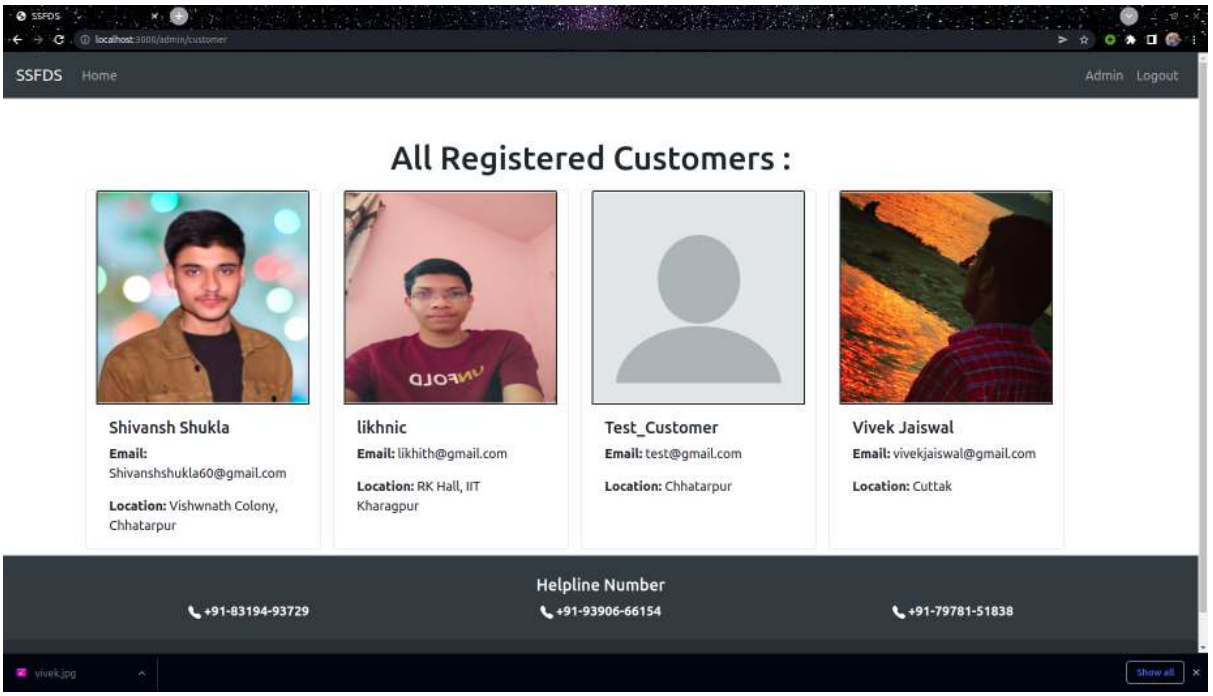
- On clicking “View NGOs” button, it will redirect to view NGOs page:



- It will show the username, email & the location of each NGO.

View Customers

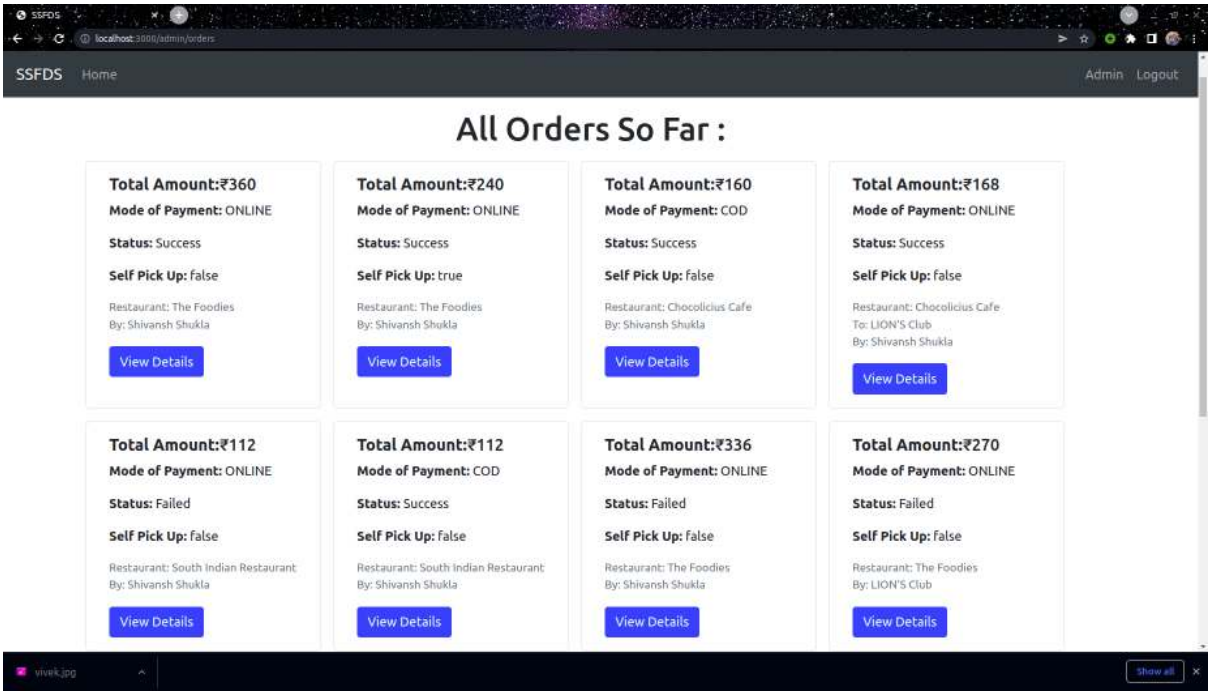
- On clicking “View Customer” button, it will redirect to view customer page:



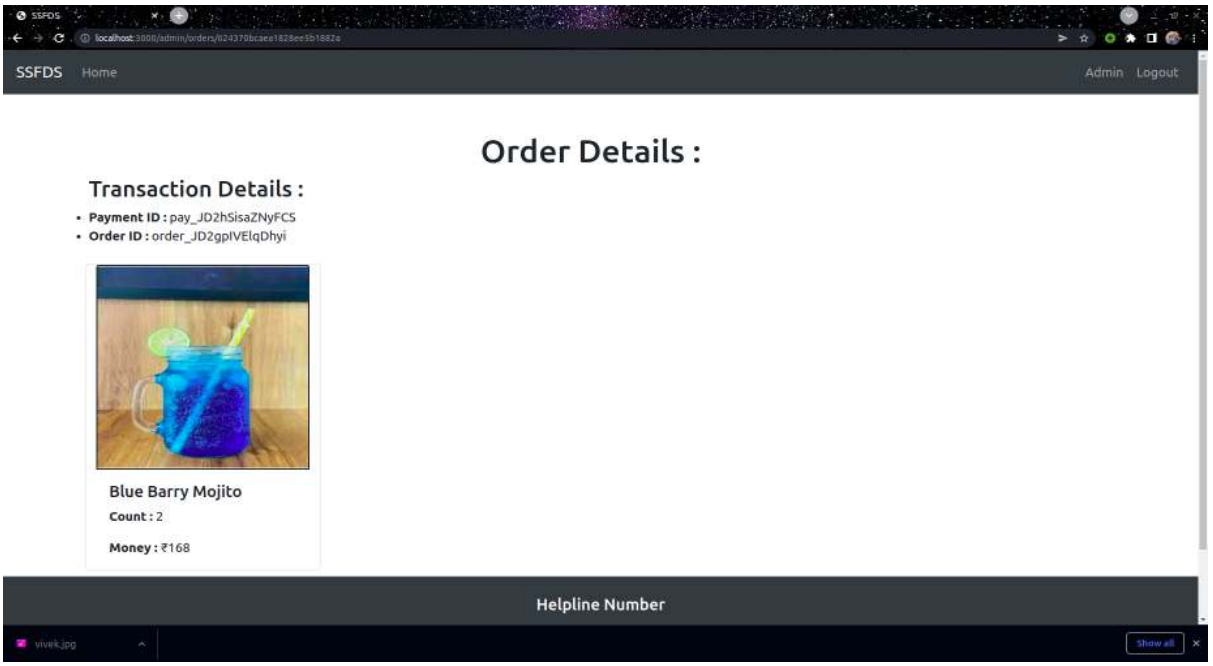
- It will show the username, email & the location of each customer.

View Orders

- On clicking “View Orders” button, it will redirect to view orders page:

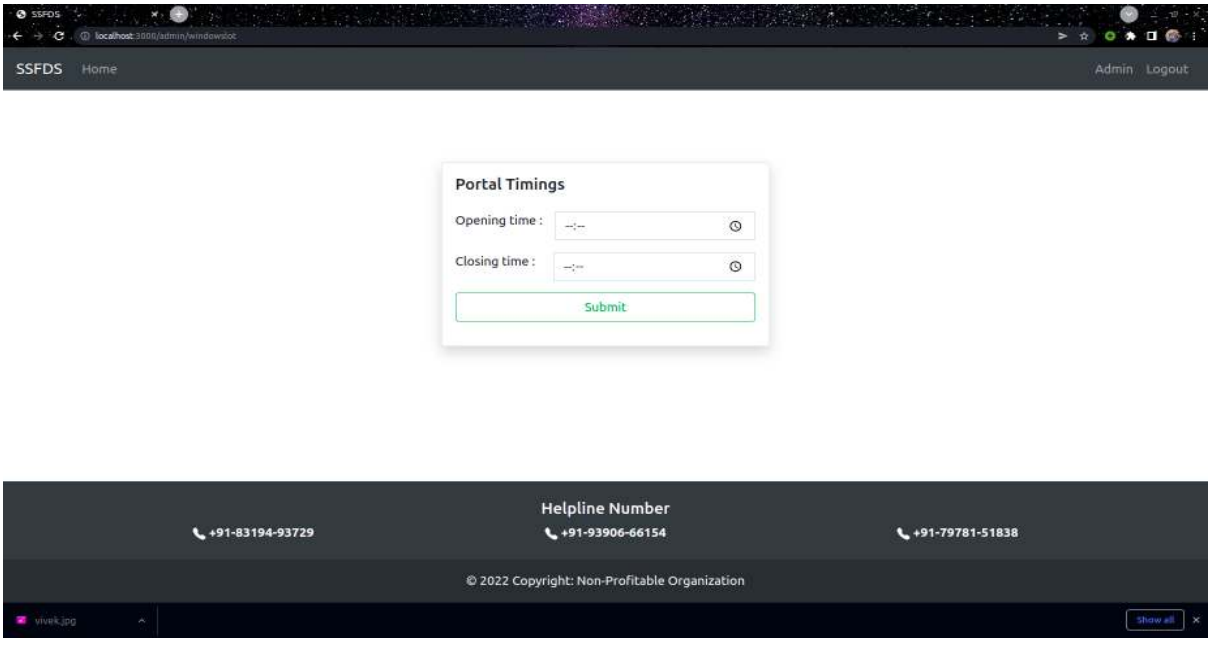


- For each order, it will show total amount, mode of payment, status, whether chosen self pickup or not, the restaurant which sold it, the customer who purchased it and also if the customer has donated it to a particular NGO along with the NGO's name.
- To view transaction details of a particular order, admin can click on “View Details” button. It will redirect to another page :

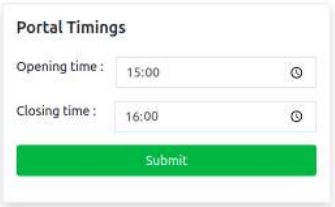


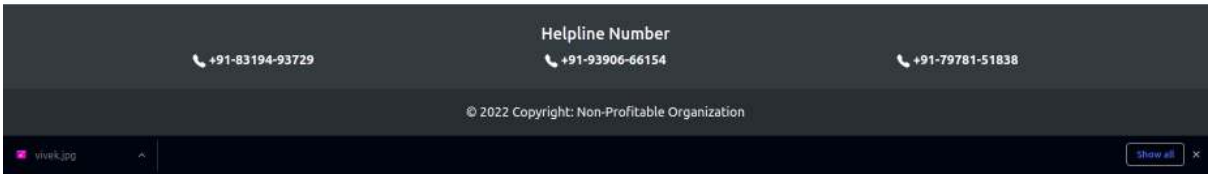
Change time window of Restaurants

- On clicking “Change Time-Window of Restaurants” button, it will redirect to time window page:



- Here, the admin can specify the opening & closing time of the restaurant portal. On clicking the “Submit” button, the timings will be saved & it will be reflected in the working of the restaurant's dashboard. It will then redirect to the admin's dashboard with a flash message “Portal Time Saved Successfully”.





[Deployed Link]