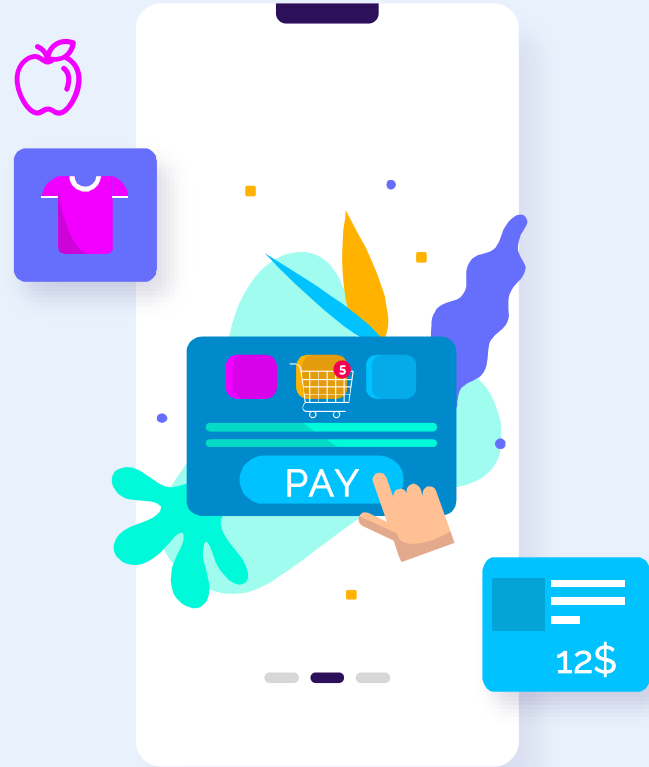


InFOODsys

Pitch Deck

Here is where your
presentation begins



- **Homepage:** The homepage serves as the landing page and navigate to other sections of the application.



Hungry ? We've Got You!

Sign up to explore a variety of cuisines from local restaurants.

[Explore](#)



Expand Your Restaurant's Reach

Partner with us and expand your reach to more customers.

[Grow](#)



Become a Delivery Partner

Join us as a delivery partner and start earning today.

[Start](#)

About Us

We are a leading food delivery service offering a variety of cuisines from top-rated restaurants, delivered straight to your door.

Useful Links

[Home](#)
[Menu](#)
[Track Order](#)
[Contact Us](#)
[FAQ](#)
[Privacy Policy](#)
[Terms of Service](#)

Follow Us



Stay Updated

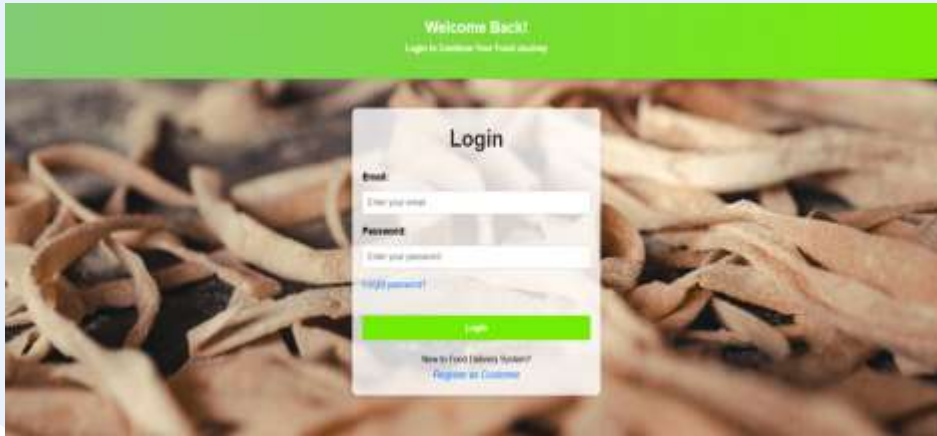
Enter your email

[Subscribe](#)

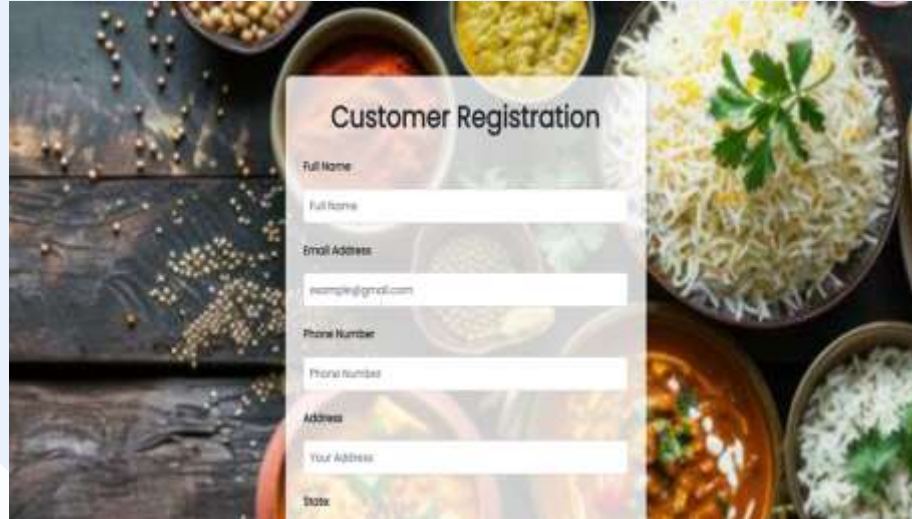
Contact Us

Email: support@foodparadise.com
Phone: +1 (234) 567-89
Address: 123 Road St, Delivery City

- **Customer Login & Forgot Password Page:** The Customer Login page allows users to securely log in to their accounts, while the Forgot Password page enables users to reset their password.

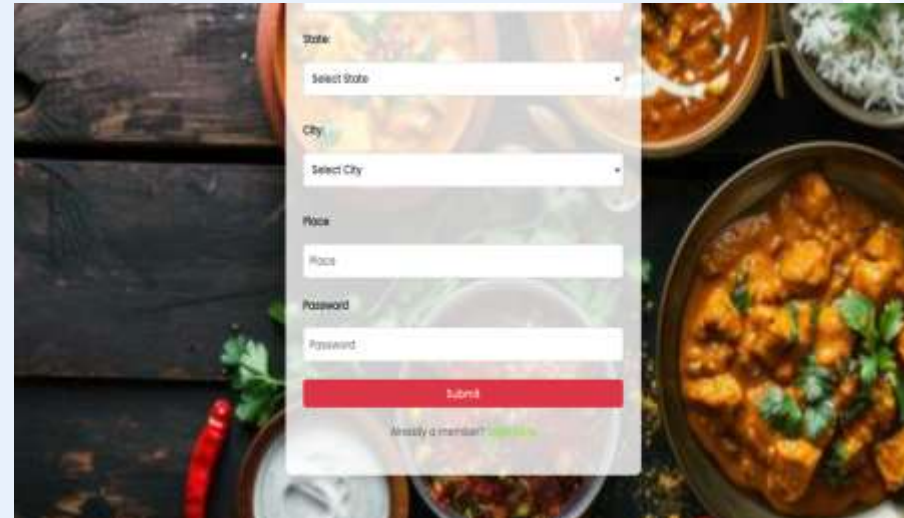


- **Customer registration Page:** The Customer Registration page allows new users to create an account by providing their details and setting up login credentials.



The image shows a 'Customer Registration' form overlay on a background of various Indian dishes. The form is titled 'Customer Registration' and includes the following fields:

- Full Name:
- Email Address:
- Phone Number:
- Address:
- State:



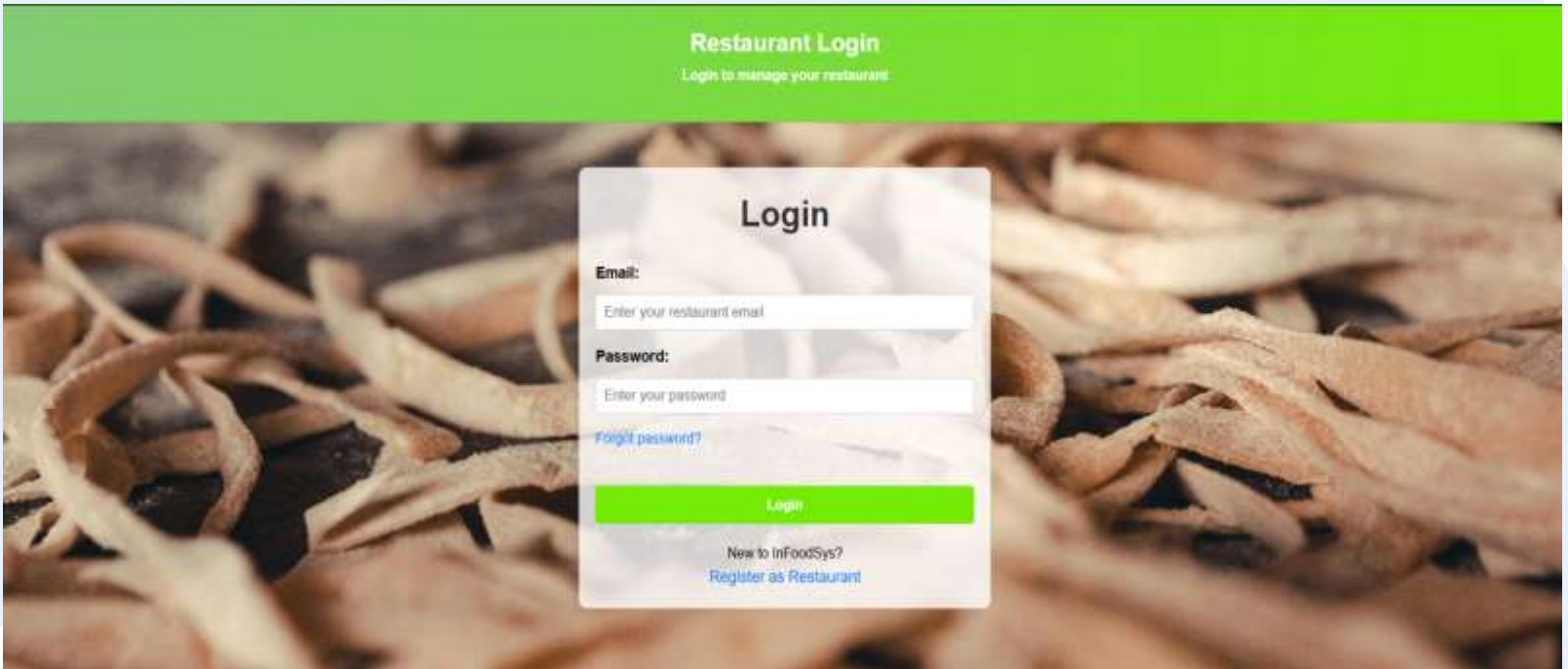
The image shows a 'Customer Registration' form overlay on a background of various Indian dishes. The form is titled 'Customer Registration' and includes the following fields:

- State:
- City:
- Place:
- Password:
- Submit:
- Already a member? [Login](#)

- **Customer Homepage:** The Customer Homepage displays personalized options like browsing menus, viewing orders, placing orders and even tracking their delivery.



- **Restaurant Login Page:** The Restaurant Login page allows restaurant owners to securely access their accounts and manage their services.



The image shows a web page for restaurant login. At the top, there is a green header with the text "Restaurant Login" and "Login to manage your restaurant:". Below this, the background is a close-up of golden-brown french fries. In the center, there is a white login form with the title "Login". The form contains fields for "Email:" and "Password:", each with a placeholder text "Enter your restaurant email" and "Enter your password" respectively. Below the password field is a blue link "Forgot password?". At the bottom of the form is a green "Login" button. Below the button, there is a link "New to InFoodSys? Register as Restaurant".

Restaurant Login
Login to manage your restaurant.

Login

Email:
Enter your restaurant email

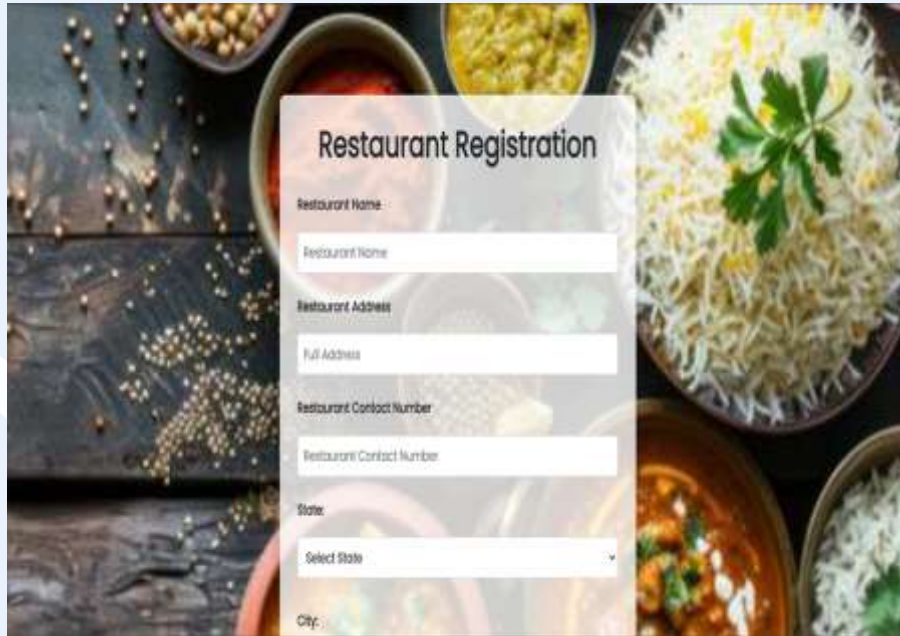
Password:
Enter your password

[Forgot password?](#)

Login

New to InFoodSys?
[Register as Restaurant](#)

- **Restaurant Registration Page:** The Restaurant Registration page enables restaurants to create an account by providing their details and business information.



Restaurant Registration

Restaurant Name :

Restaurant Name

Restaurant Address

Full Address

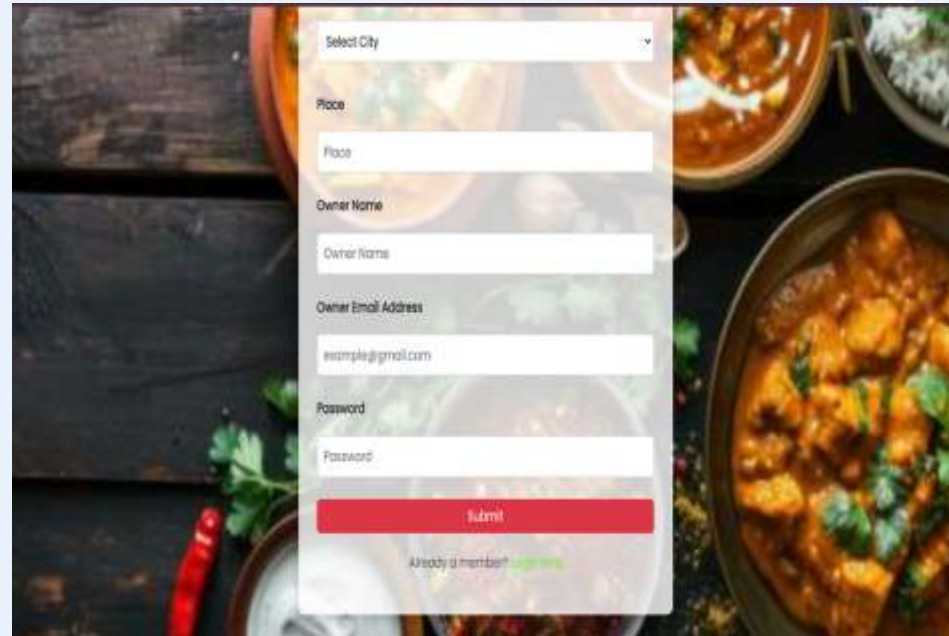
Restaurant Contact Number

Restaurant Contact Number

State:

Select State

City:



Select City

Place

Place

Owner Name

Owner Name

Owner Email Address

example@gmail.com

Password

Password

Submit

Already a member? [Log In](#)

- **Restaurant Homepage:** The Restaurant Homepage allows restaurant owners to manage menus, view orders, and update their profile.

Restaurant Name: Saravana Bhavan

New Food Item Details

Food Name



Price (Rs.)

Category

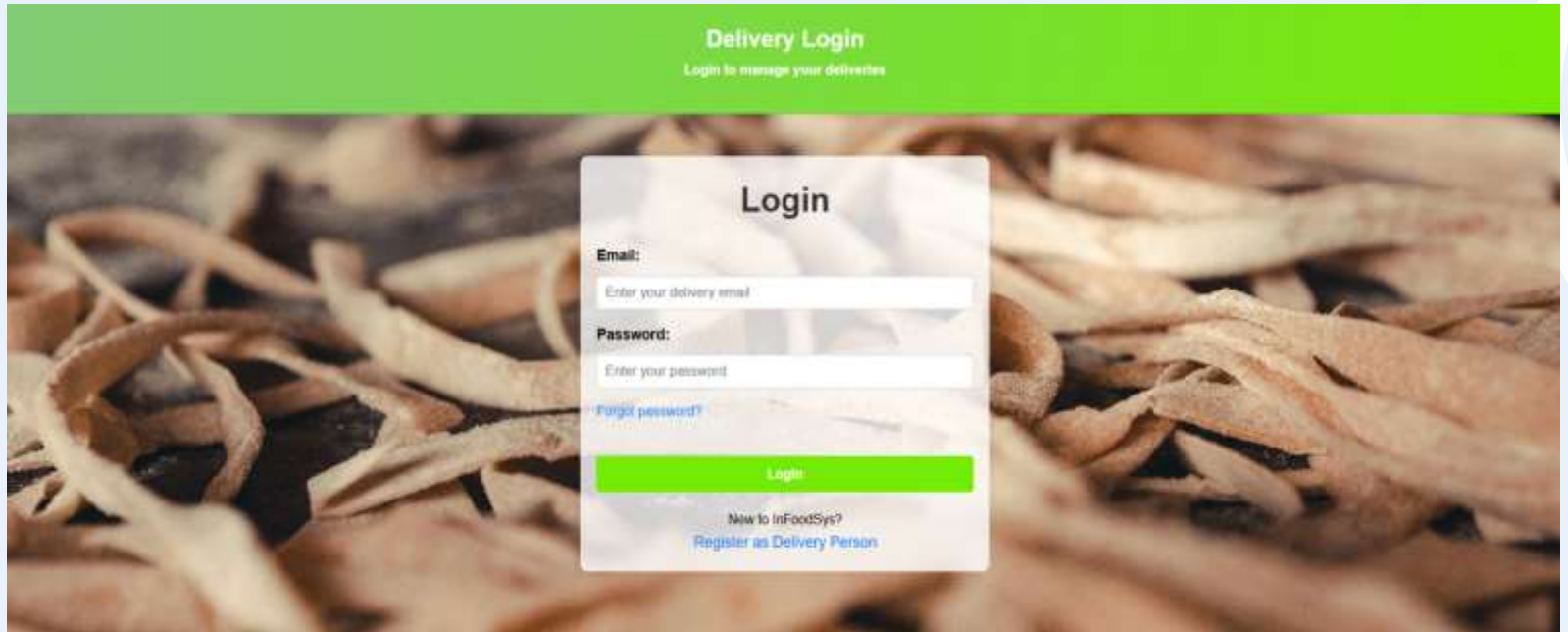
Image
 No file chosen

Image
 No file chosen

Existing Food Items

#	Name	Price (Rs.)	Category	Image	Actions
1	dosa	20.00	Tiffin		<input type="button" value="Update"/> <input type="button" value="Delete"/> <input type="button" value="Out of Stock"/>
2	idli	30.00	Tiffin		<input type="button" value="Update"/> <input type="button" value="Delete"/> <input type="button" value="Out of Stock"/>

- **Delivery Login Page:** The Delivery Login page allows delivery personnel to securely log in to access and manage their delivery tasks.



The screenshot displays the 'Delivery Login' interface. At the top, a green header bar contains the text 'Delivery Login' and 'Login to manage your deliveries'. Below this, a central white login box is overlaid on a background image of wood shavings. The login box has a title 'Login' and two input fields: 'Email:' with the placeholder 'Enter your delivery email' and 'Password:' with the placeholder 'Enter your password'. A blue link 'Forgot password?' is positioned below the password field. A green 'Login' button is at the bottom of the input section. Below the button, the text 'New to InFoodSys?' is followed by a blue link 'Register as Delivery Person'.

Delivery Login
Login to manage your deliveries

Login

Email:
Enter your delivery email

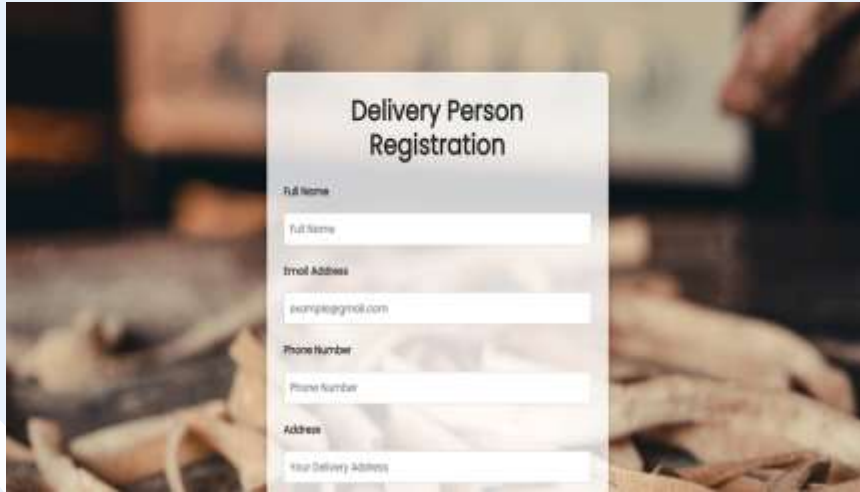
Password:
Enter your password

[Forgot password?](#)

Login

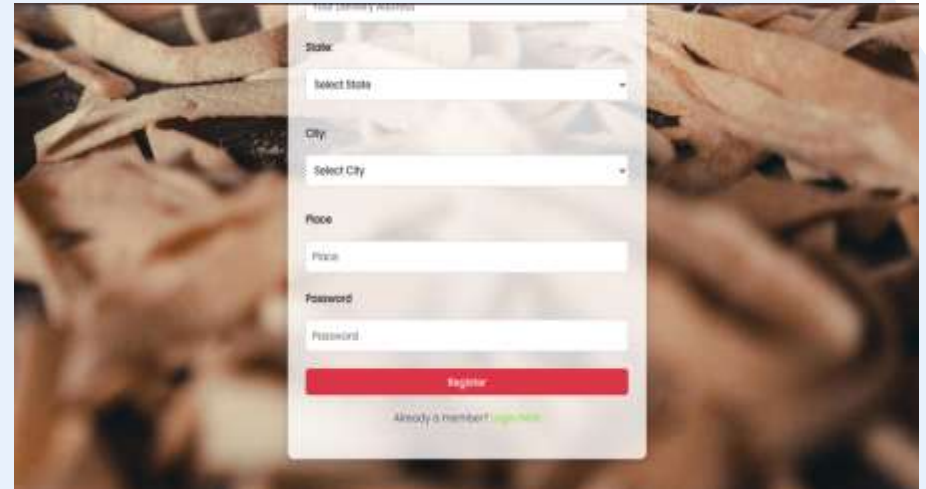
New to InFoodSys?
[Register as Delivery Person](#)

- **Delivery Registration Page:** The Delivery Registration page enables delivery personnel to create an account by providing their personal and contact details.



The image shows a mobile app interface for a delivery person registration form. The form is titled "Delivery Person Registration" and is overlaid on a background image of a person's hands preparing food. The form contains the following fields:

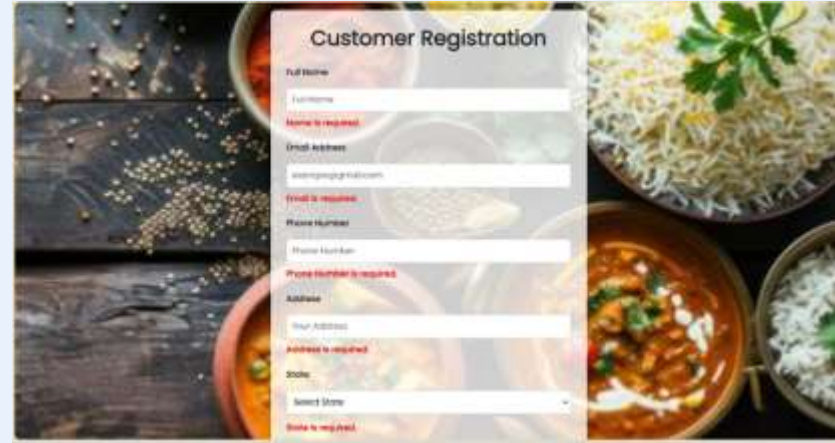
- Full Name:** A text input field with the placeholder "Full Name".
- Email Address:** A text input field with the placeholder "example@gmail.com".
- Phone Number:** A text input field with the placeholder "Phone Number".
- Address:** A text input field with the placeholder "Your Delivery Address".



The image shows a mobile app interface for a delivery person registration form, similar to the one in the previous image but with additional dropdown menus. The form is titled "Delivery Person Registration" and is overlaid on a background image of a person's hands preparing food. The form contains the following fields:

- Full Name:** A text input field with the placeholder "Full Name".
- Email Address:** A text input field with the placeholder "example@gmail.com".
- Phone Number:** A text input field with the placeholder "Phone Number".
- Address:** A text input field with the placeholder "Your Delivery Address".
- State:** A dropdown menu with the placeholder "Select State".
- City:** A dropdown menu with the placeholder "Select City".
- Place:** A text input field with the placeholder "Place".
- Password:** A text input field with the placeholder "Password".
- Register:** A red button with the text "Register".
- Already a member?** A link with the text "Already a member? [login here](#)".

- **Form Validation:** This page ensures all user inputs comply with the required criteria, providing real-time feedback for errors or missing fields in all the modules. It enhances data accuracy, improves user experience, and strengthens application security.



Customer Registration

Full Name

Name is required

Email Address

Email is required

Phone Number

Phone Number is required

Address

Address is required

State

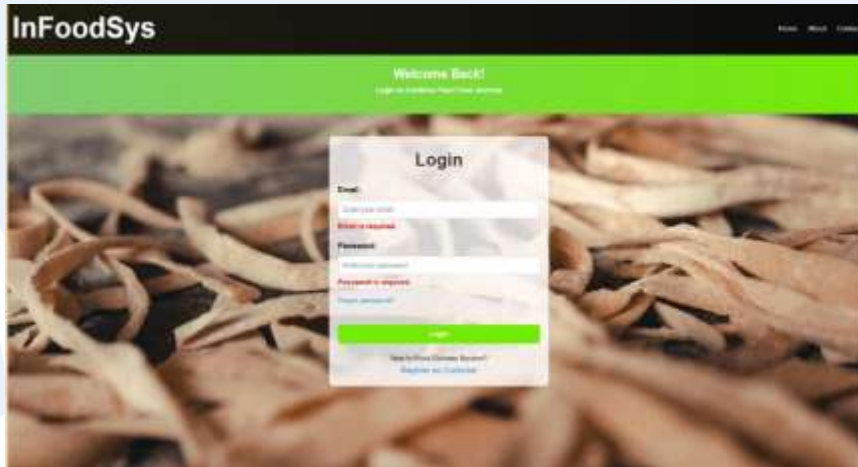
State is required

City

City is required

Pincode

Pincode is required



InFoodSys

Welcome Back!
[Login](#) [Register](#) [Forgot Password](#)

Login

Email

Email is required

Password

Password is required

New to InFoodSys? Click here to Register



Address is required

State

State is required

City

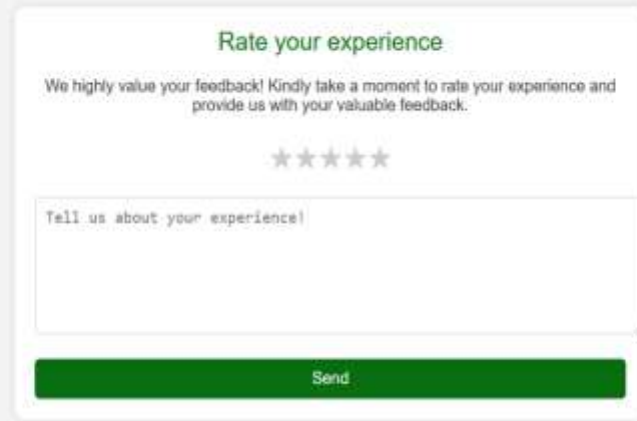
City is required

Pincode

Pincode is required

Address is required

- **Feedback Form Page:** The Feedback Form page allows customers to provide reviews and ratings for their experience with the service or food.

A screenshot of a feedback form titled "Rate your experience" in green. The form has a light gray background and a white border. It contains a green title, a paragraph of text, a five-star rating system, a text input field, and a green "Send" button.

Rate your experience

We highly value your feedback! Kindly take a moment to rate your experience and provide us with your valuable feedback.

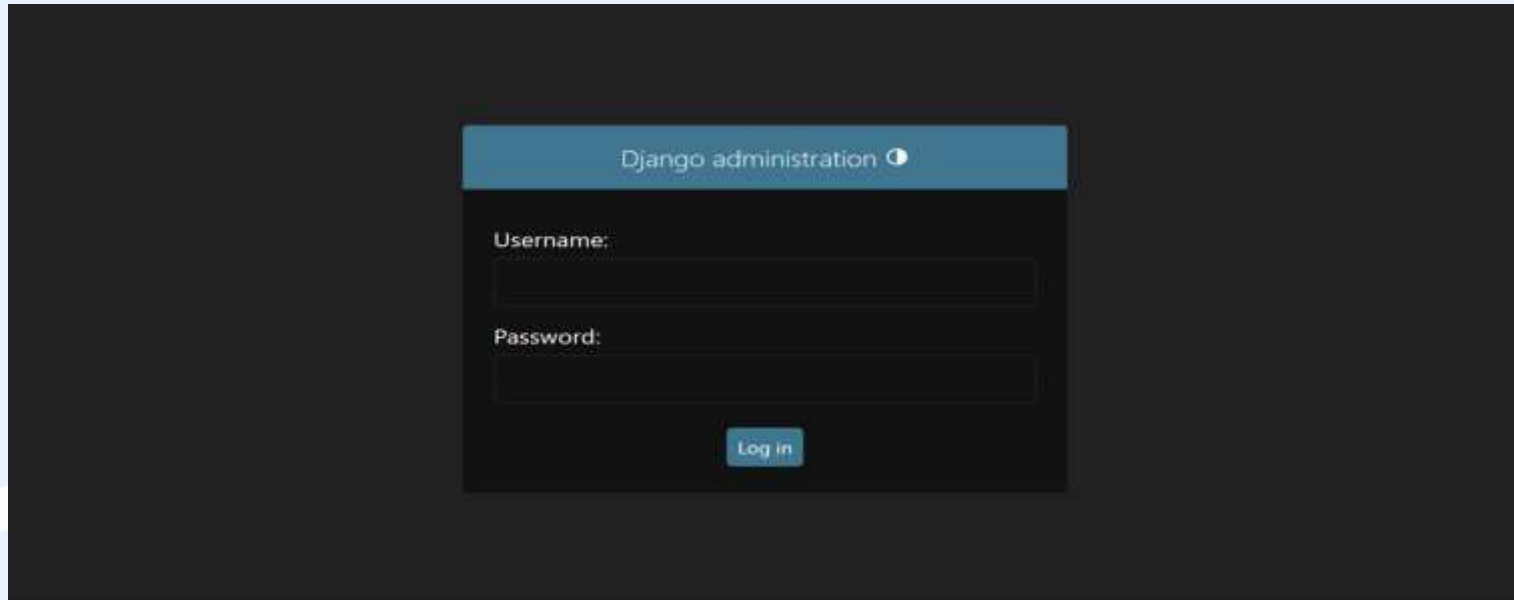
★★★★★

Tell us about your experience

Send

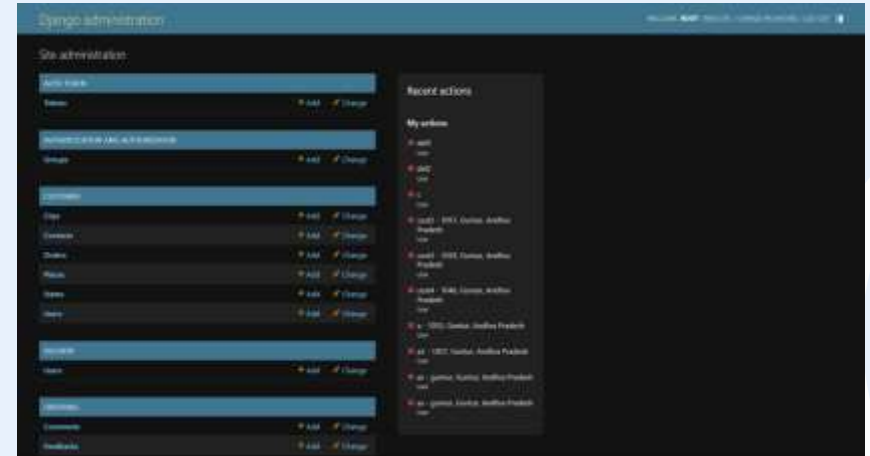
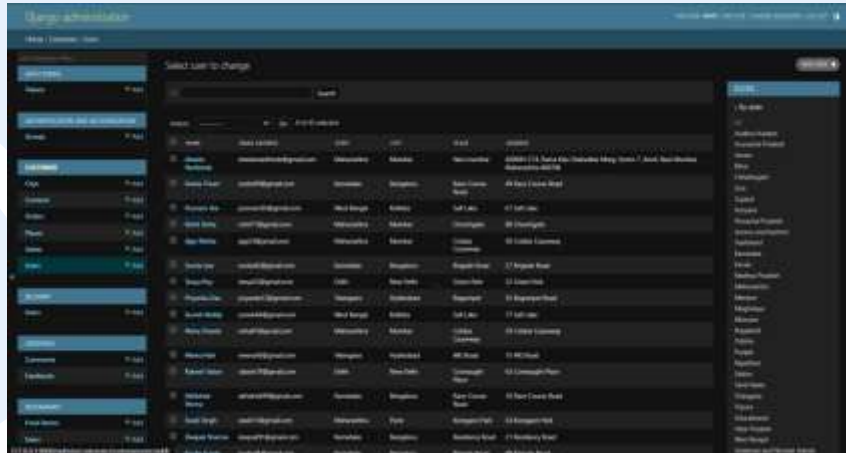
Admin Login :-

- URL : <http://localhost:8000/admin/>
- Credentials : Username : root
Password : root
- By default this superuser is created in this django project

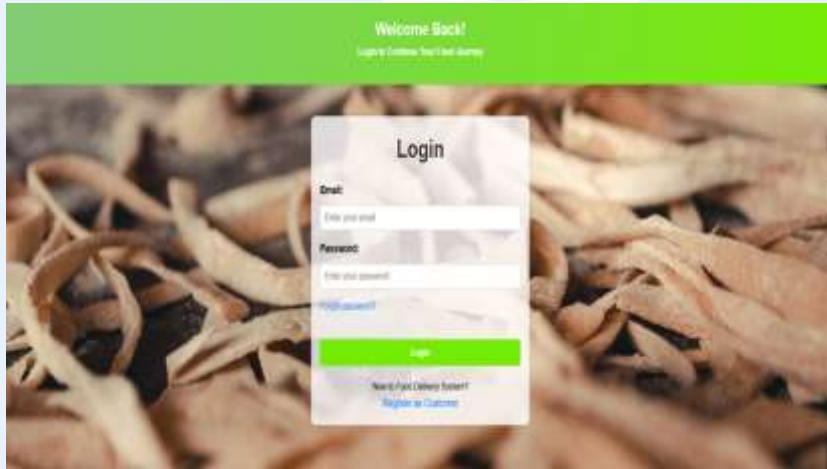


Manage All Users :-

- All users can be efficiently managed through their respective user rows.



- **URL:** For Customer User
<http://localhost:8000/admin/customer/customer/user/>
- Users can be added manually using the "Add Users" button located in the top-right corner.
- Users can be filtered by their respective state and city, which is available with the rightmost column.

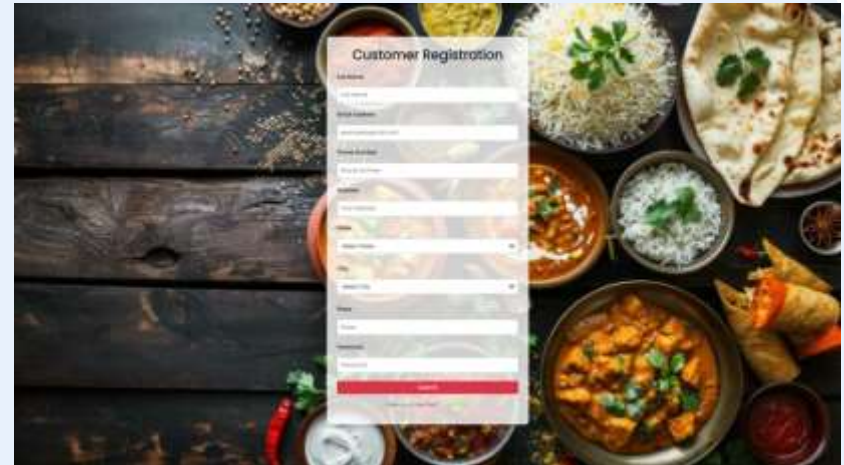


Customer Login :-

- Only customer users are permitted to log in using valid credentials. Other user types, such as restaurant or delivery users, do not have access to this Customer login.

Customer Registration :-

- During customer registration, the field "is_user = True" is used to clearly distinguish customer users from restaurant and delivery users. This helps prevent conflicts and ensures appropriate access levels within the system.



Customer Homepage :-

- The homepage is customized based on the customer's city, displaying only the restaurants and food items relevant to that specific location. This ensures a tailored experience for each customer.



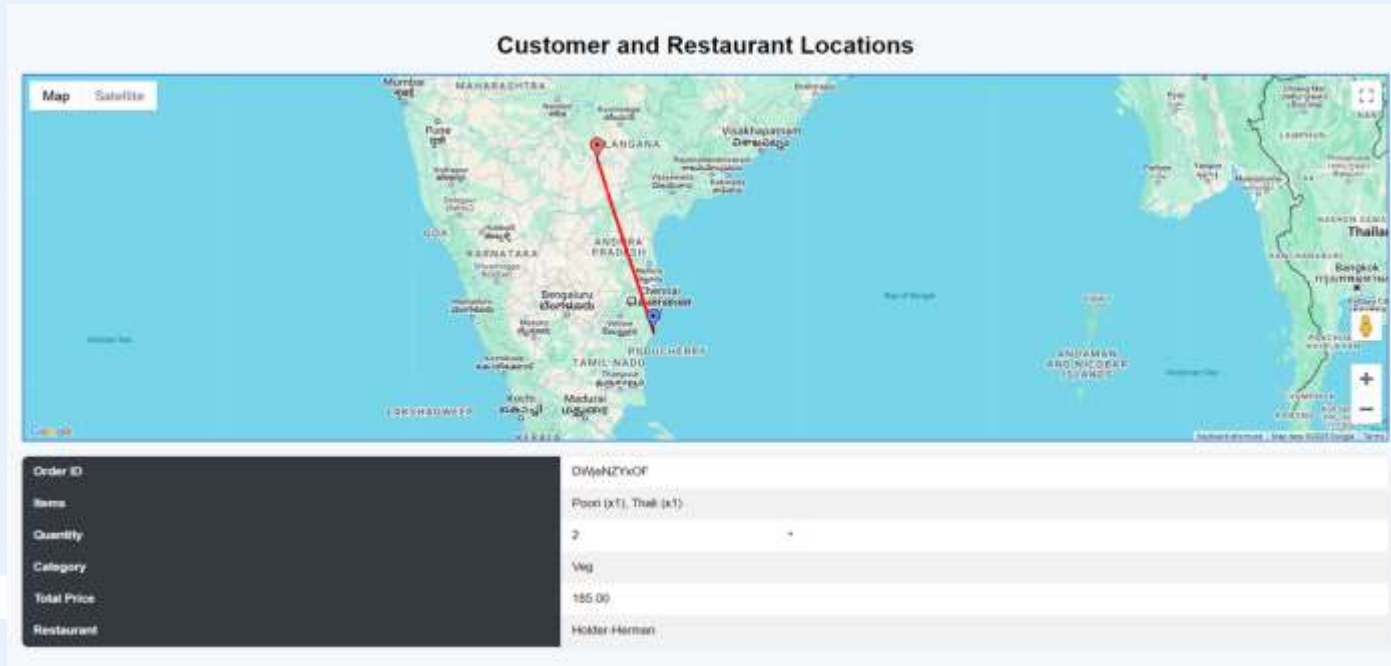
Show all Feature :-

- To display all the restaurants and food items in the database , the “Show All” button is placed at the top of restaurants container



Track Order Feature :-

- This feature allows customers to track their most recent order using a location-based tracking system, providing real-time updates on the order's status.



FOOD ORDERING



My Orders :-

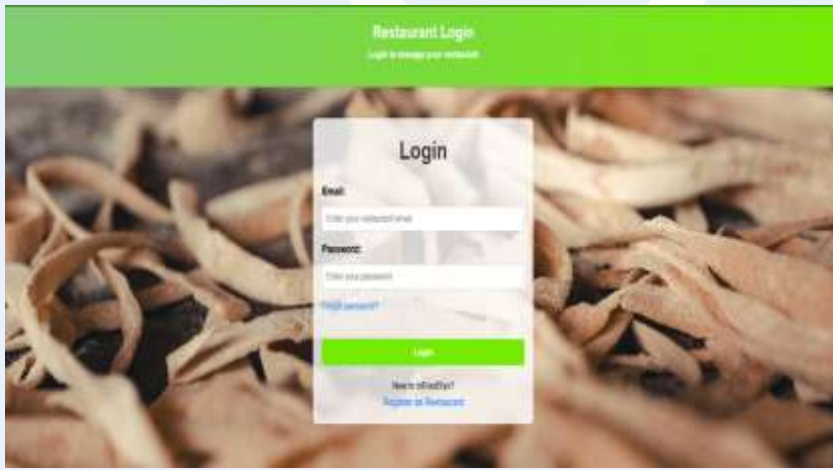
- All food orders made by the customer are listed, including the corresponding date, time, and restaurant details.

Cart :-

- Food items from the homepage can be added to the cart. Users can then click the “Make Payment” button to place their order. Note that the payment gateway is not yet integrated, allowing for direct order placement without payment.

FOOD ORDERING

Your Orders							
Total Orders: 3							
<div>Search</div>							
ORDER NO.	ITEM	QUANTITY	UNIT PRICE	TOTAL PRICE	STATUS	DELIVERY DATE	DATE & TIME
ORD00123456	Item 1 (10% off)	2	\$15.00	\$30.00	Pending	Tomorrow	Dec 25, 2024, 10:30 P.M.
ORD00123457	Item 2	2	\$15.00	\$30.00	Confirmed	Tomorrow	Dec 25, 2024, 10:30 P.M.
ORD00123458	Item 3 (20% off)	1	\$20.00	\$20.00	Pending	Next Day	Dec 26, 2024, 4:30 P.M.

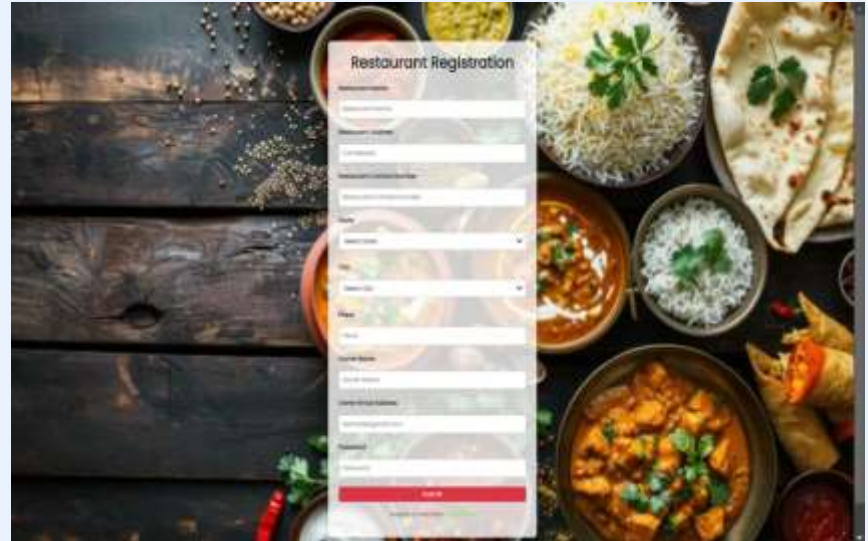


Restaurant Login

- Only users with the designation “is_restaurant == True” are permitted to log in through the restaurant login page.

Restaurant Registration



- Restaurant users are stored with the additional data field “is_restaurant = True,” while all other users are marked as “False.” This distinction allows for easy segregation of restaurant users from the rest.



Restaurant Homepage

- Restaurant users can add new food items by providing the name, price, and image of each respective item.
- Restaurant users can update or delete previously listed food items. Additionally, there is a special feature called “Out Of Stock,” which indicates that a food item is unavailable for ordering on the customer homepage.

The screenshot displays a web application interface for managing a restaurant's food items. At the top, a green header bar contains the text "Restaurant Name: Saravani Bhavan". Below this, the "New Food Item Details" section features a form with fields for "Food Name", "Price (Rs.)", "Category", and "Image". The "Image" field includes a "Choose File" button and a "No file chosen" status. At the bottom of this form are "Submit" and "Cancel" buttons. The "Existing Food Items" section below it contains a table with columns for "Id", "Name", "Price (Rs.)", "Category", "Image", and "Actions". Two items are listed: "Id: 1", "Name: dosa", "Price (Rs.): 20.00", "Category: Tiffin", and "Id: 2", "Name: idli", "Price (Rs.): 30.00", "Category: Tiffin". Each item's "Actions" column contains three buttons: "Update" (yellow), "Delete" (red), and "Out Of Stock" (grey).

Existing Food Items					
ID	Name	Price (Rs.)	Category	Image	Actions
1	dosa	20.00	Tiffin		<button>Update</button> <button>Delete</button> <button>Out Of Stock</button>
2	idli	30.00	Tiffin		<button>Update</button> <button>Delete</button> <button>Out Of Stock</button>

Restaurant Orders

- Orders placed by customers at their restaurants will be displayed along with customer details and the corresponding time.

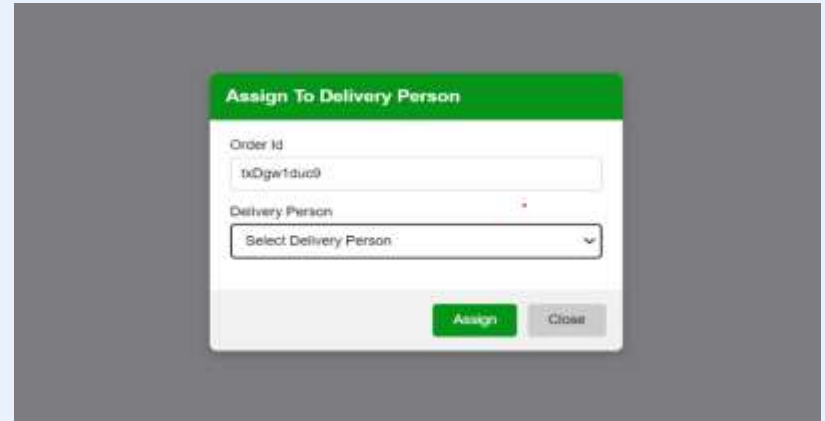


The screenshot shows a web application for managing restaurant orders. At the top, there's a green header with the text "Restaurant Orders". Below it, a sub-header "Total Orders: 5" is visible. A search bar with the placeholder "Enter Order Id" and a "Search" button is present. The main content is a table with columns: Order Id, Order Name, Category, Restaurant Name, Price, Qty, Customer, Order Time, Order Status, Delivery Person, Delivery Time, and Action. The table contains five rows of order data. Each row has three buttons in the Action column: "Update" (green), "Assign Delivery" (green), and "Delete" (red).

Order Id	Order Name	Category	Restaurant Name	Price	Qty	Customer	Order Time	Order Status	Delivery Person	Delivery Time	Action
txOgw1duc0	chicken (12) (chicken)	Tiffin, Home	Saravali Bhawan	80.00	4	ashish	Dec. 22, 2024, 1:00 p.m.	Pending		Dec. 22, 2024, 1:00 p.m.	<button>Update</button> <button>Assign Delivery</button> <button>Delete</button>
txOgw1duc0	chicken (12)	Home	Saravali Bhawan	20.00	1	ashish	Dec. 22, 2024, 1:18 p.m.	Pending	None	Dec. 22, 2024, 1:18 p.m.	<button>Update</button> <button>Assign Delivery</button> <button>Delete</button>
txOgw1duc0	chicken (12) (chicken)	Tiffin, Home	Saravali Bhawan	80.00	3	ashish	Dec. 22, 2024, 1:31 p.m.	Pending	None	Dec. 22, 2024, 1:31 p.m.	<button>Update</button> <button>Assign Delivery</button> <button>Delete</button>
txOgw1duc0	chicken (12) (chicken)	Tiffin, Home	Saravali Bhawan	80.00	3	ashish	Dec. 25, 2024, 2:28 p.m.	Pending	None	Dec. 25, 2024, 2:28 p.m.	<button>Update</button> <button>Assign Delivery</button> <button>Delete</button>
txOgw1duc0	chicken (12)	Tiffin	Saravali Bhawan	80.00	4	ashish	Dec. 25, 2024, 2:38 p.m.	Pending	None	Dec. 25, 2024, 2:38 p.m.	<button>Update</button> <button>Assign Delivery</button> <button>Delete</button>

Actions

- The restaurant user can update the status of each order, delete orders, and assign them to delivery personnel available in their city.



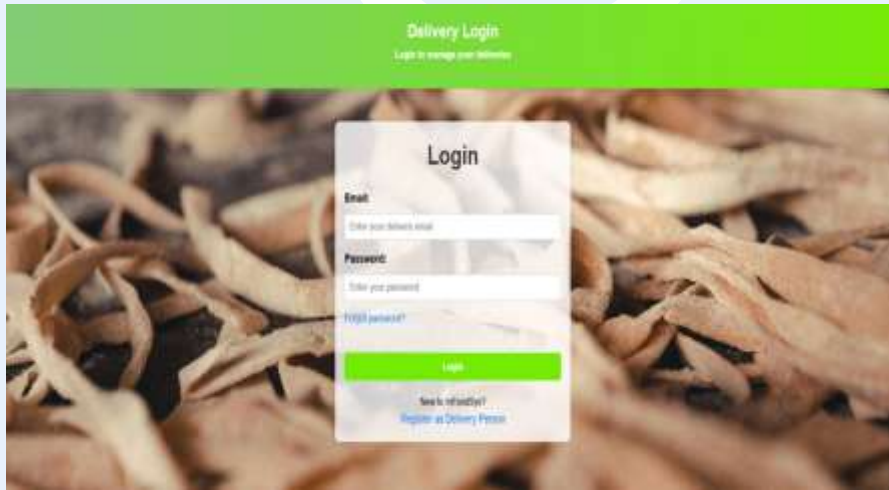
The screenshot shows a modal form titled "Assign To Delivery Person". It has a green header. The form contains two input fields: "Order Id" with the value "txOgw1duc0" and "Delivery Person" with a dropdown menu showing "Select Delivery Person". At the bottom, there are two buttons: "Assign" (green) and "Close" (grey).

Assign To Delivery Person

Order Id
txOgw1duc0

Delivery Person
Select Delivery Person

Assign Close

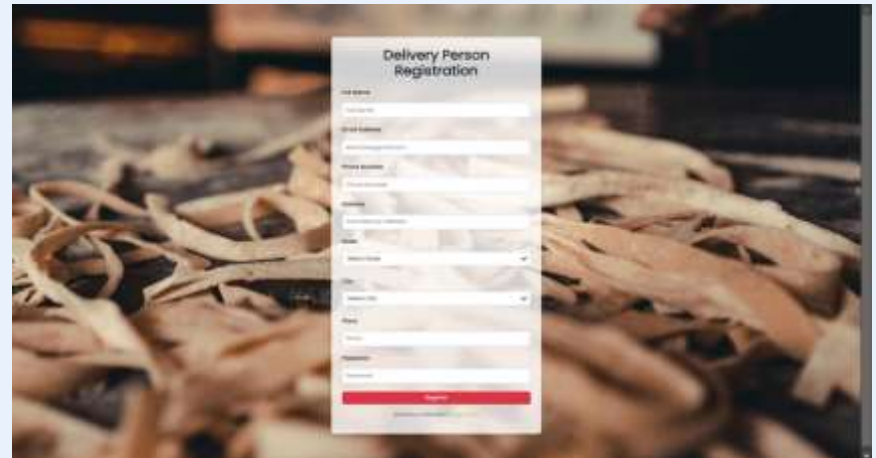


Delivery Login :-

- Only users designated with “is_delivery == True” are allowed to log in through the delivery login page.

Delivery Registration :-

- Similarly, during delivery registration, the data is stored with “is_delivery = True” to facilitate easy data retrieval.



Delivery Homepage

- The delivery user can view assigned orders and update delivery statuses. However, they are only permitted to update the status of an order and cannot delete or remove orders placed by customers.

Welcome, c1!

Welcome to the Delivery Dashboard. You can manage your deliveries, view orders, and more.

Logout

Assigned Orders

Total Orders: 3

Order ID	Customer Name	Delivery Address	Status
KlstmAMYlZ	cust1	hyderabad	Confirmed <input type="button" value="Update"/>
EkbmsDCjBk	cust1	hyderabad	Confirmed <input type="button" value="Update"/>
YxDtBQ1xQe	sairesh prasad	chennai	Confirmed <input type="button" value="Update"/>

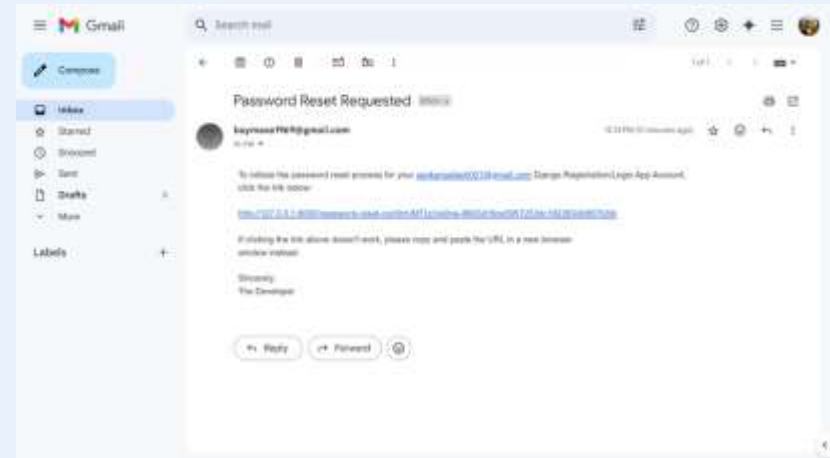


Forgot Password :-

- By providing your email address, a password reset link will be sent to your inbox

Email Message :-

- The email contains a one-time password reset link, which can only be used by the respective user.



The screenshot shows a web page titled "Food Ordering System" with a navigation bar containing "Home", "About", and "Contact". The main heading is "Reset Your Password". Below it are two input fields: "Enter New Password" and "Confirm New Password". A green button labeled "Reset Password" is positioned below the input fields. At the bottom of the page, a footer reads "© 2024 Food Delivery System | All rights reserved".

Reset Complete :-

- Once the password reset is complete, you will be redirected to the 'Password Reset Complete' page, followed by the home page.

Reset Link :-

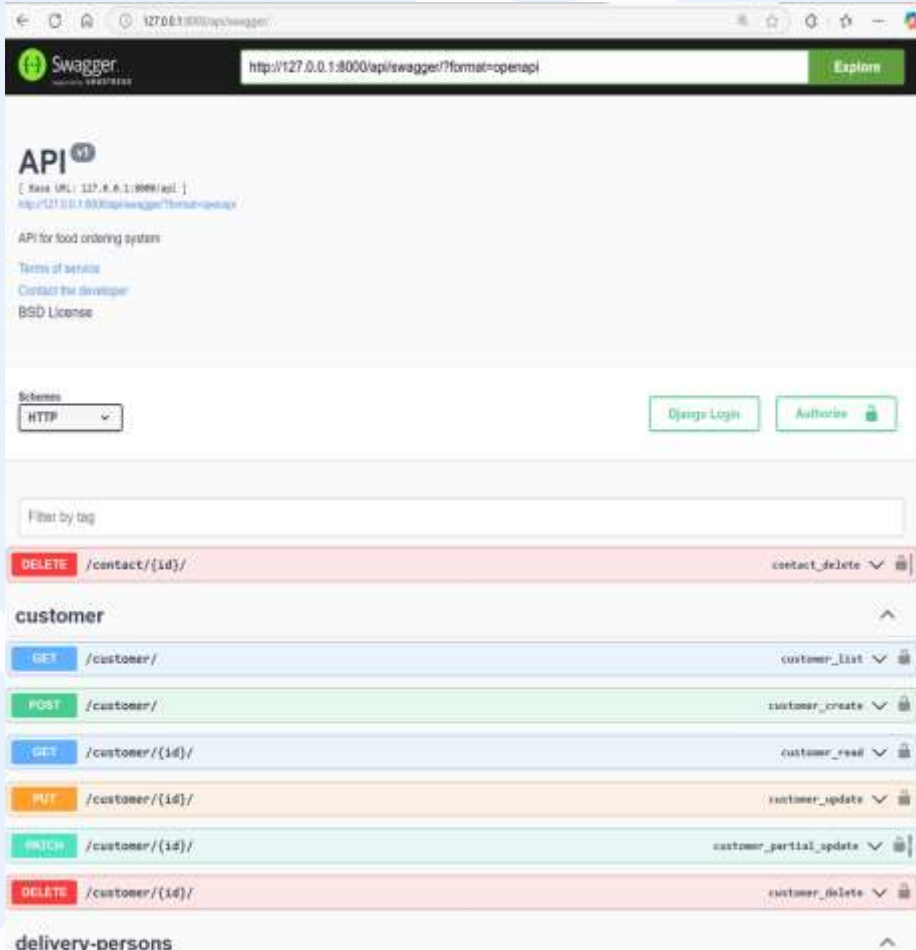
- Upon following the reset link, you can enter a new password, which will be updated in the database.

The screenshot shows a web page titled "Food Ordering System" with a navigation bar containing "Home", "About", and "Contact". The main heading is "Password Reset Complete". Below it, a message states "Your password has been set. You may go ahead to [Home Page](#)". At the bottom of the page, a footer reads "© 2024 Food Delivery System | All rights reserved".

API Overview

- APIs are created using the Django rest framework to handle CRUD operations efficiently for Apps like Customer, Restaurant , Comments , Payments etc.
- Integrating Swagger for interactive API documentation, allowing developers to explore, test, and visualize APIs directly from a user-friendly interface.
- Token Authentication: Apply the defined security scheme to the relevant API endpoints in the Swagger specification. This ensures that any requests to these endpoints require a valid token, enhancing the security of APIs.

Swagger Integration



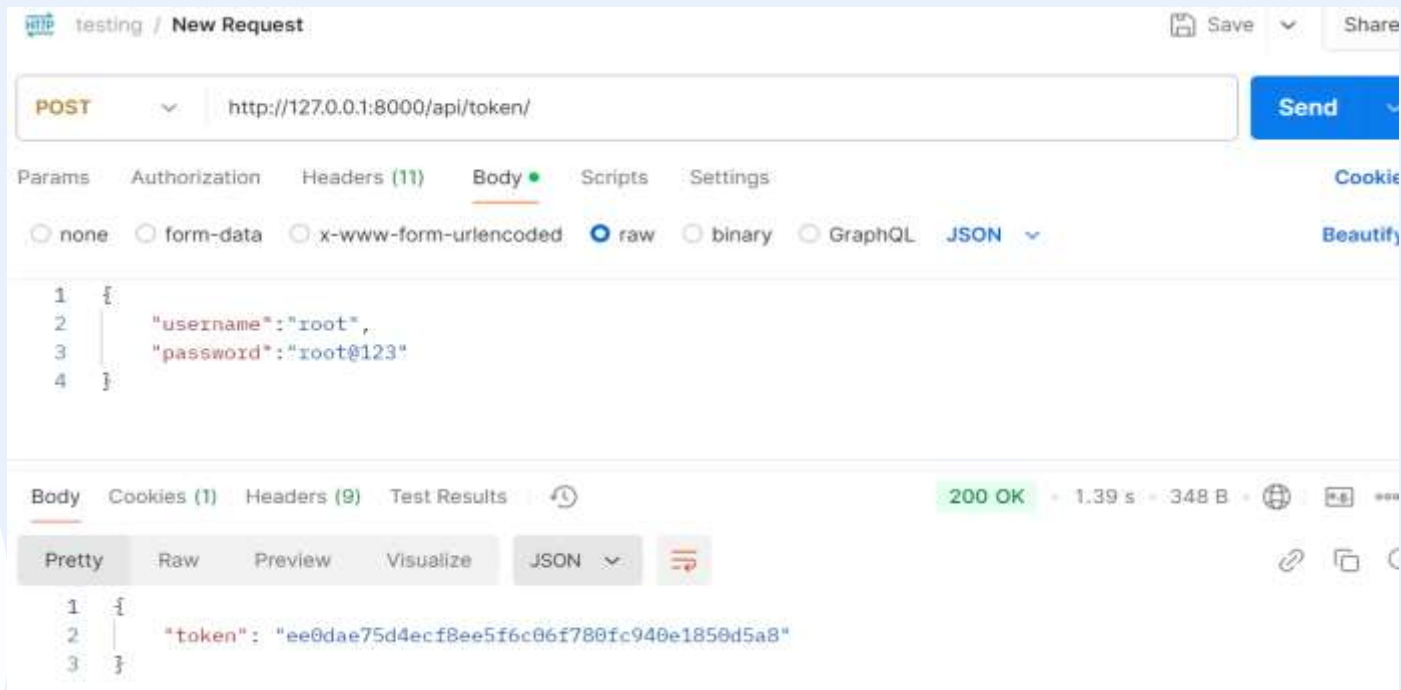
- Swagger provides an interactive UI for testing API endpoints, which enhances development efficiency and accuracy.
- Endpoint to access swagger: /api/swagger/

Token Authentication

- Token Authentication is a security mechanism to authenticate users via tokens.
- Implemented using Django REST framework's `rest_framework.authtoken` module .
- User send a post request to `/api/token/` with username and password to receive the token.
- Token Validity - Using the default behavior of Django REST framework, tokens do not have an expiration mechanism. Once a token is generated, it remains valid indefinitely unless manually deleted or refreshed.

Token Authentication

On providing a **username** and **password** a token is generated for the user.



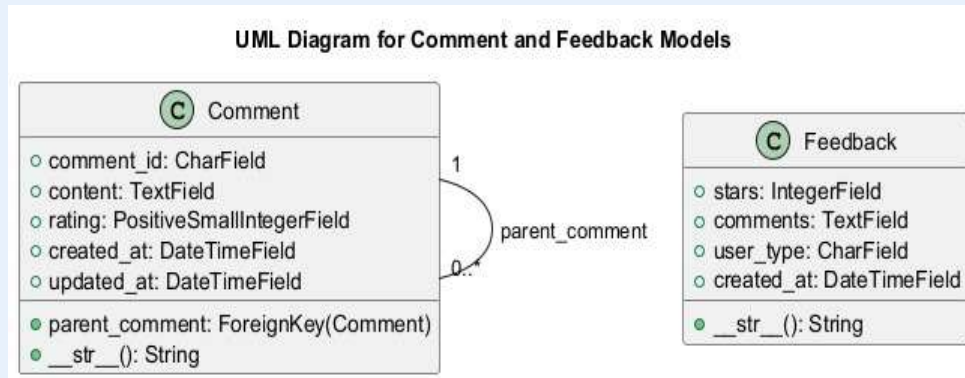
API Endpoints

List of endpoints

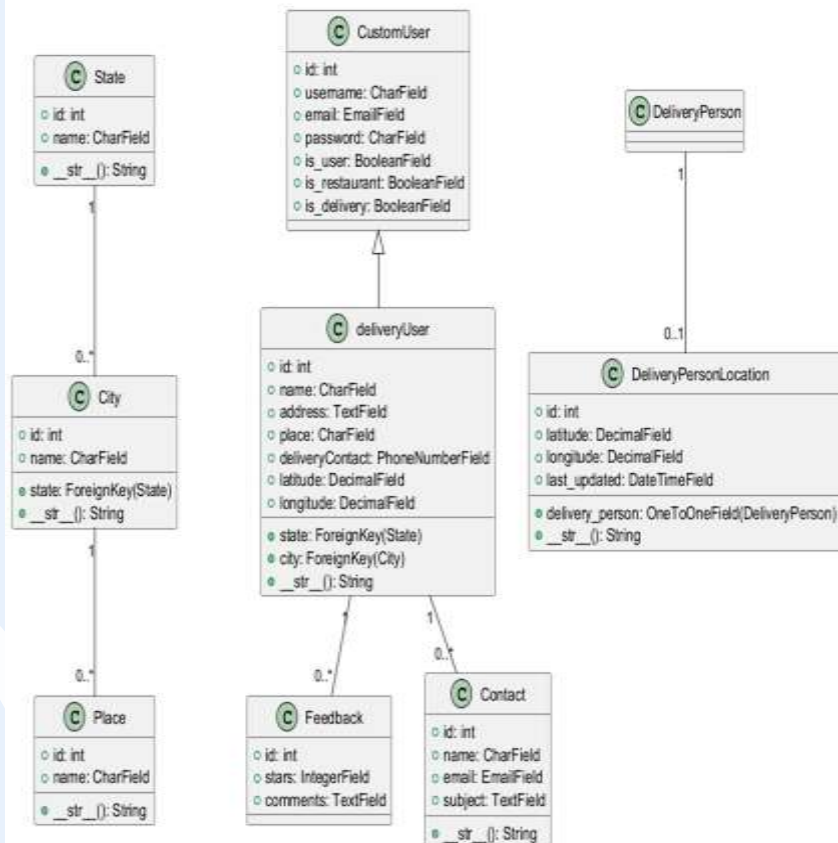
- /api/token/
- /api/customer/
- /api/restaurantusers/
- /api/delivery-users/
- /api/foodItems/
- /api/order/
- /api/comments/
- /api/contacts/
- /api/feedback/
- /api/delivery-locations/
- /api/state/
- /api/place/
- /api/city/

Database Overview

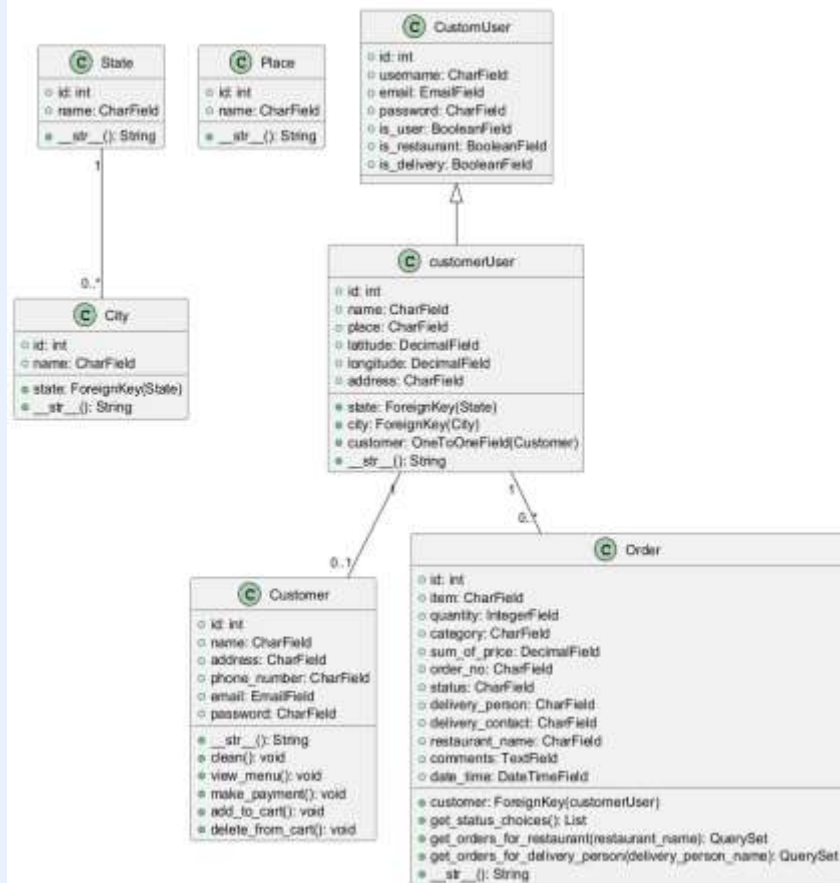
- SQLite was chosen for its simplicity and ease of integration during development.
- The schema includes tables for customer, restaurants, menu items, orders ,delivery, feedback, state, city and place.“



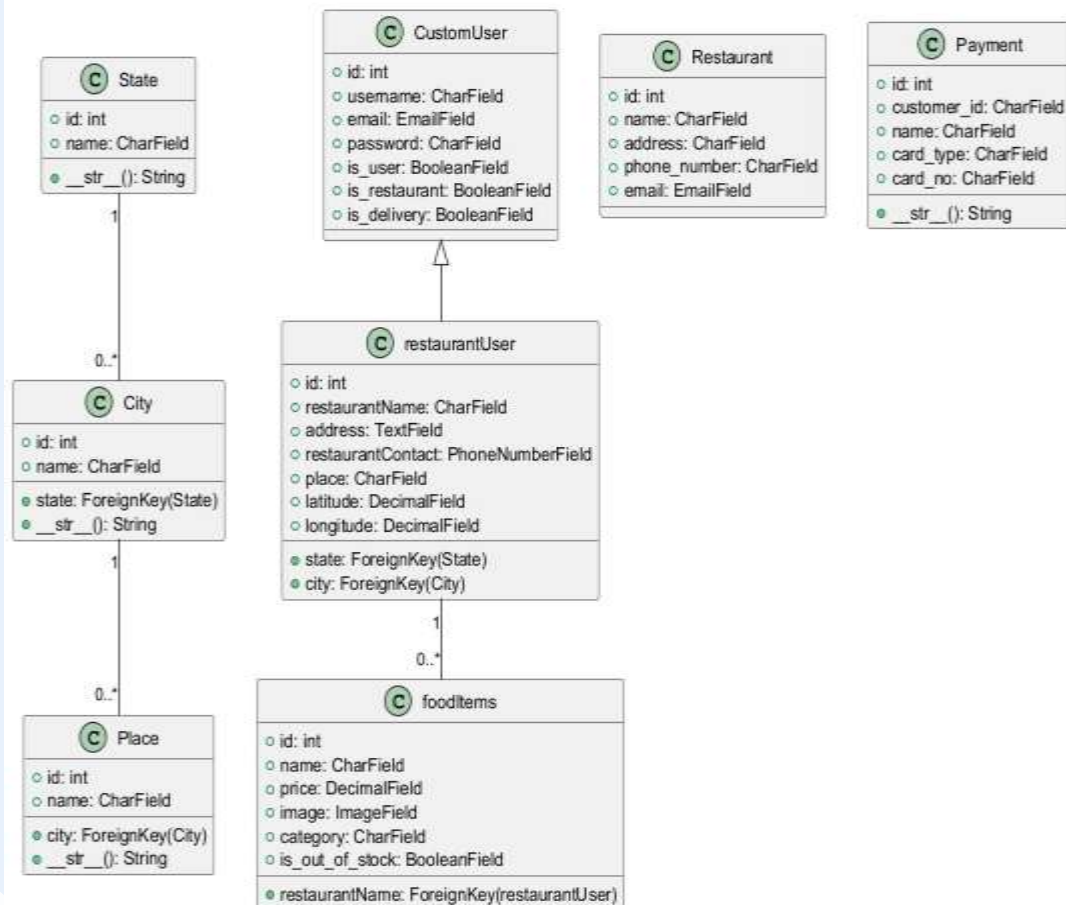
UML Diagram for Delivery Models



UML Diagram for Django Models



UML Diagram for Restaurant Models



Database Models

- CustomerUser
- RestaurantUser
- DeliveryUser
- State
- City
- Place
- Feedback
- Comment
- Delivery Person
Location
- Order
- Food Items

Testing Overview

- Created Comprehensive Tests: Wrote tests for creating, editing, and deleting model instances.
- Tested Custom Validation: Ensured that custom validation logic is correctly enforced.
- Used Django's TestCase: Leveraged Django's TestCase class for setting up and running tests.

Steps used to write the tests

- Setup Method: Created initial data for the tests in the setUp method.
- Test Creation: Verified that model instances are created correctly.
- Test String Representation: Ensured that the `__str__` method returns the expected string.
- Test Validation: Checked that invalid data raises `ValidationError`.
- Test Editing: Updated model instances and verified that the changes are saved.
- Test Deletion: Deleted model instances and confirmed that they no longer exist in the database.

Output

- Command Used : **python manage.py test --verbosity=2**

```
test_delete_product (restaurant.tests.ProductModelTest.test_delete_product) ... ok
test_edit_product (restaurant.tests.ProductModelTest.test_edit_product) ... ok
test_str_method (restaurant.tests.ProductModelTest.test_str_method) ... ok
test_delete_restaurant (restaurant.tests.RestaurantModelTest.test_delete_restaurant) ... ok
test_edit_restaurant (restaurant.tests.RestaurantModelTest.test_edit_restaurant) ... ok
test_restaurant_creation (restaurant.tests.RestaurantModelTest.test_restaurant_creation) ... ok
```

```
-----
Ran 45 tests in 8.551s
```

```
OK
```

```
Destroying test database for alias 'default' ('file:memorydb_default?mode=memory&cache=shared')...
```