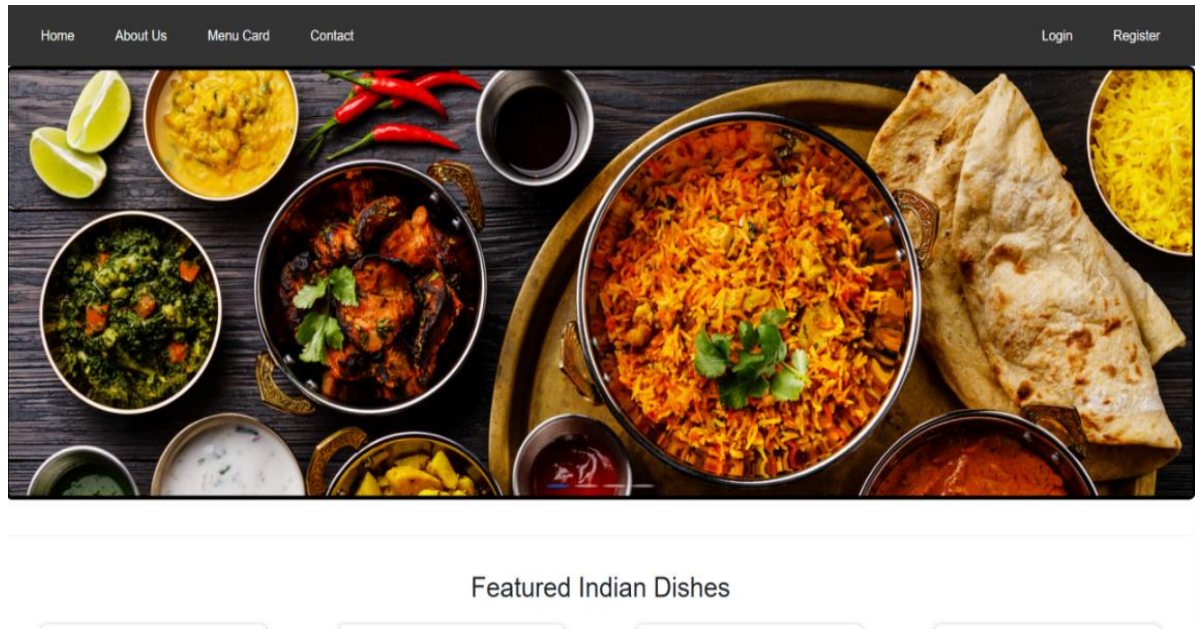
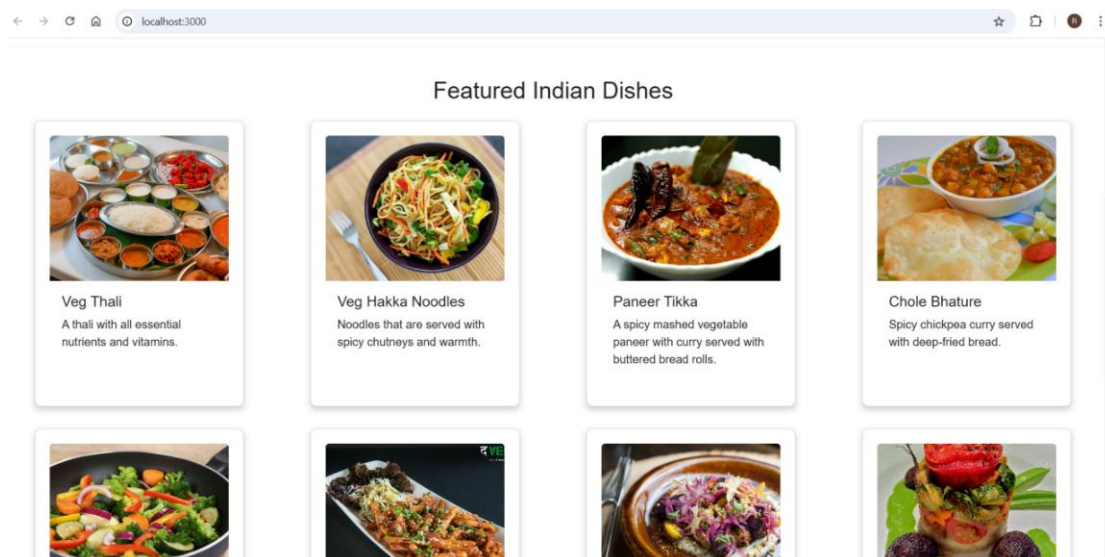


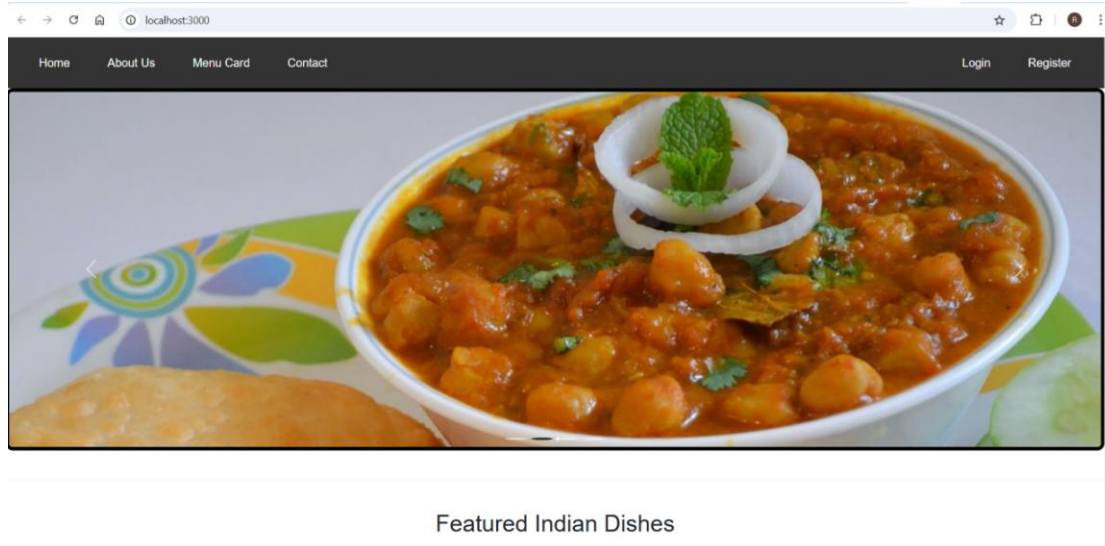
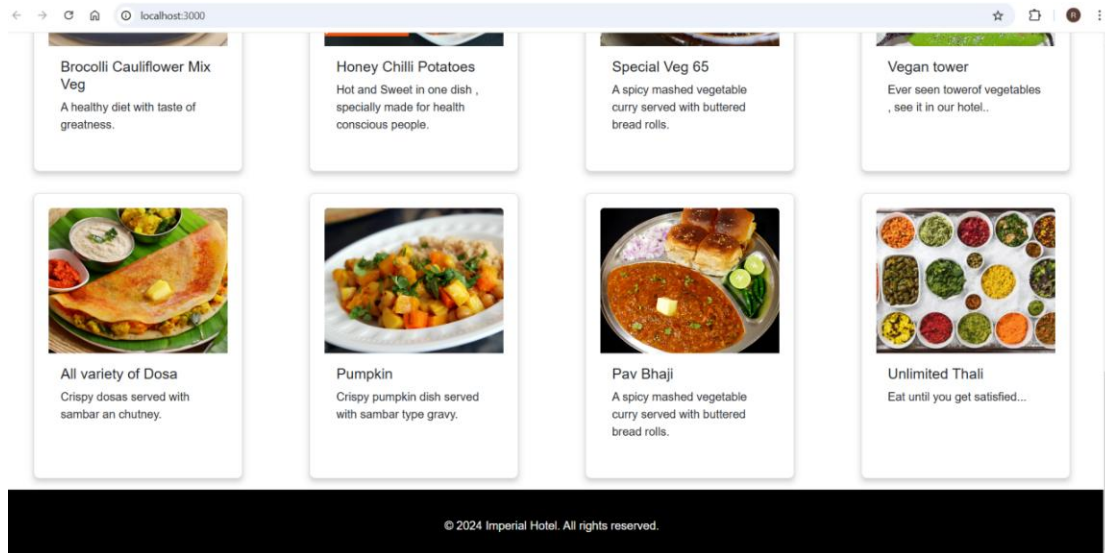
Name :- Rishabh Santosh Shenoy
UID :- 2023300222
Experiment no :- 10
Topic :- Restaurant Management System

Code file :- <https://drive.google.com/file/d/1Tow-f7OcPr6Xzh-SJtpP3wKoRrBTNYIP/view>



Index page





Welcome to Our Company

Our Mission

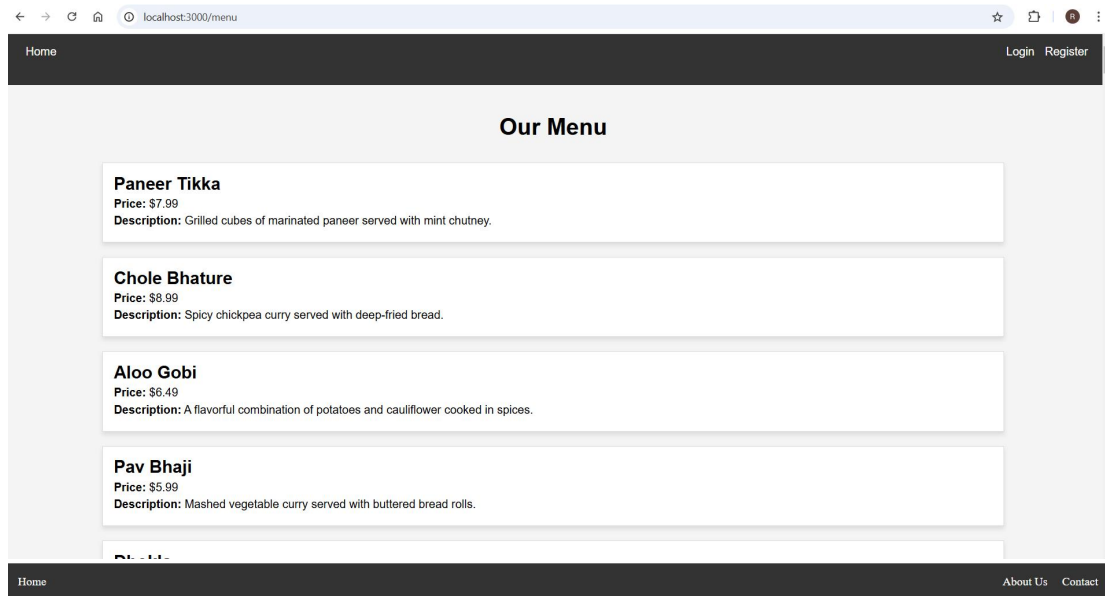
Our mission is to deliver quality and value to our customers. We strive to bring innovative solutions and exceptional service in every project we undertake, ensuring our clients are completely satisfied.

Our Values

We are driven by values of integrity, commitment, and excellence. Our team works diligently to ensure that these values are reflected in every aspect of our work, from initial concepts to final delivery.

Our Team

Our team consists of experienced professionals dedicated to making a difference. With diverse expertise and a shared passion for innovation, we bring creativity and precision to everything we do.



Contact Us

If you have any questions or would like to reach out, please fill out the form below:

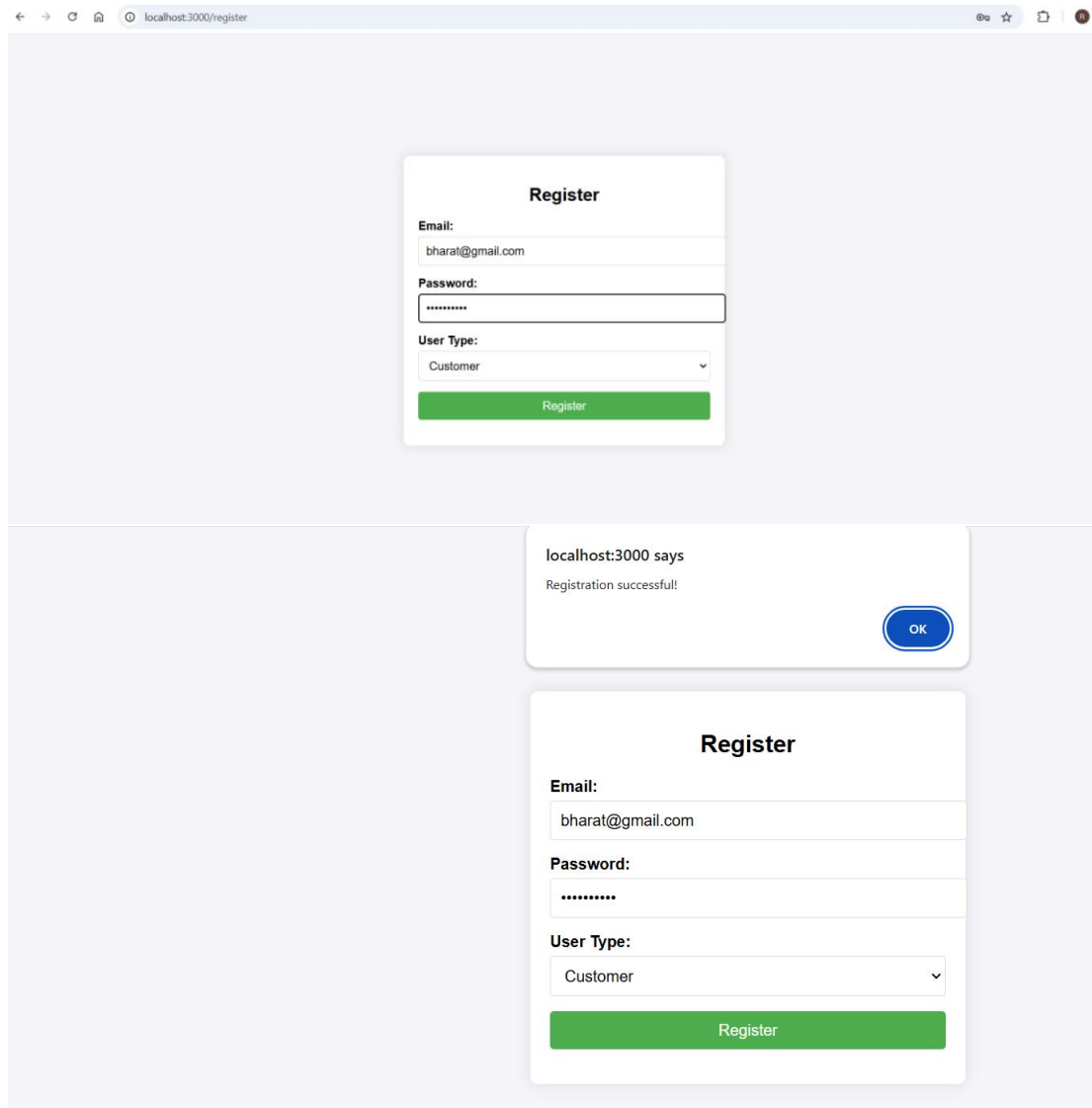
Name:

Email:

Message:

This restaurant has been one of the best vegetarian restaurant in Mumbai . This restaurant provides variety of food.

Data Output		Messages		Notifications	
<div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div>					
	<div><div>id</div><div>[PK] integer</div><div></div></div>	<div><div>name</div><div>character varying (255)</div><div></div></div>	<div><div>email</div><div>character varying (255)</div><div></div></div>	<div><div>message</div><div>text</div><div></div></div>	
1	<div><div>1</div><div></div></div>	<div><div>John Doe</div><div></div></div>	<div><div>john@example.com</div><div></div></div>	<div><div>Great service, keep it up!</div><div></div></div>	
2	<div><div>2</div><div></div></div>	<div><div>Shruti Shenoy</div><div></div></div>	<div><div>shrutishenoy789@gmail.com</div><div></div></div>	<div><div>nice restuarant overall nice staff</div><div></div></div>	
3	<div><div>3</div><div></div></div>	<div><div>Devesh Mudaliar</div><div></div></div>	<div><div>devesh@gmail.com</div><div></div></div>	<div><div>This restaurant has been one of the best vegeterian restaurant in Mumbai . This restaurant pro</div><div></div></div>	



Data OutputMessagesNotifications

	id [PK] integer	email character varying (255)	password character varying (255)	user_type character varying (20)
4	4	rishabh.shenoy23@spit.ac.in	1234	customer
5	5	shrutishenoy789@gmail.com	Rishabh@1234	staff
6	11	dev@2345	1111	staff
7	12	rishi@1234	1234	staff
8	13	rahil@123	1234	customer
9	15	john.doe@example.com	1234	staff
10	19	babarazam@1234	1111	staff
11	20	vk18@gmail.com	1111	staff
12	23	vk@gmail.com	1111	staff
13	24	vadapav@gmail.com	1111	staff
14	25	klr@gmail.com	1111	staff
15	26	bumbum@gmail.com	1111	staff
16	27	david@gmail.com	1111	staff
17	28	surya@gmail.com	1111	staff
18	29	babaro@gmail.com	1234	customer
19	30	bharat@gmail.com	bharat1234	customer

Imperial HotelAddressContact: +123 456 7890

Login

Email

bharat@gmail.com

Password

..

Type of User

Customer

Login

Invalid credentials, please try again.

localhost:3000/login

Imperial HotelAddressContact: +123 456 7890

Login

Email

admin@example.com

Password

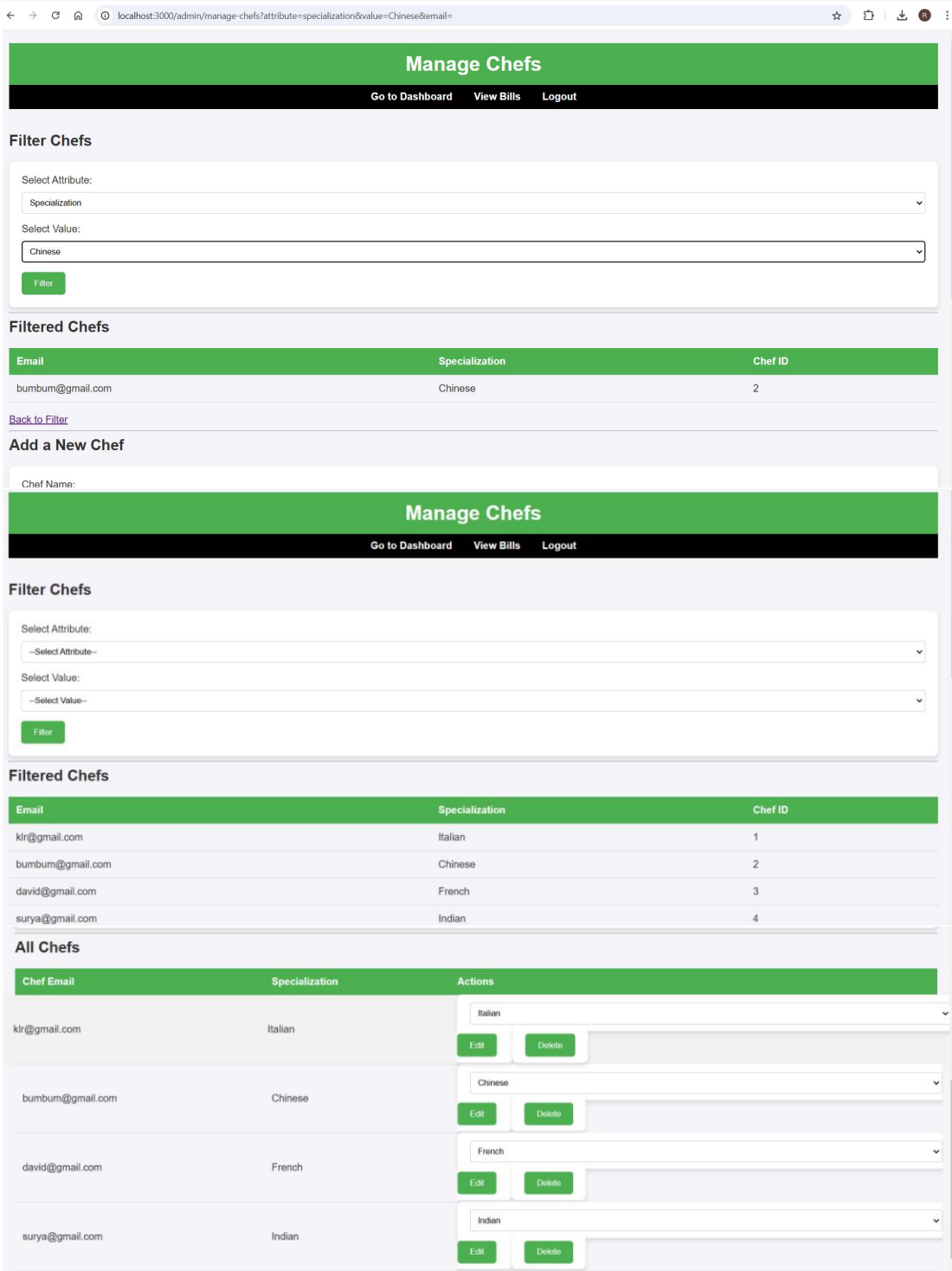
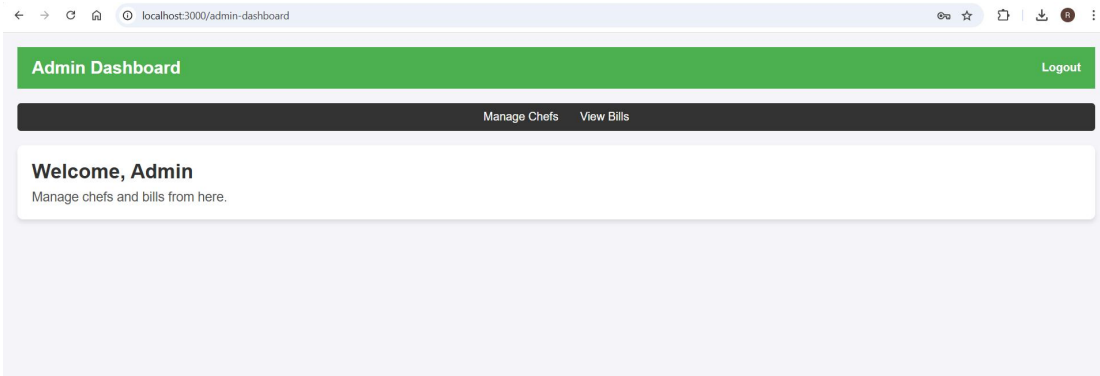
.....

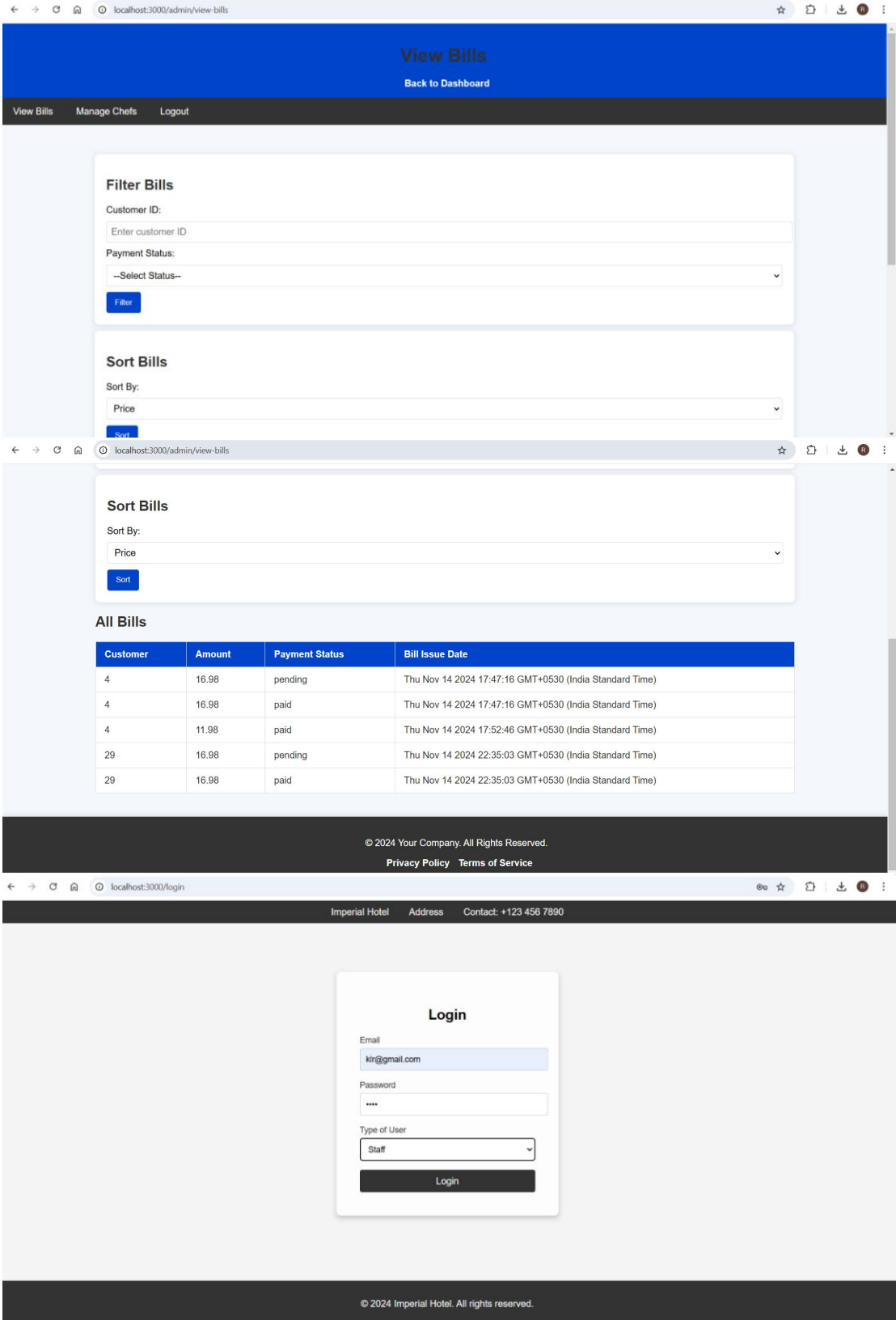
Type of User

Admin

Login

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Welcome to Your Staff Dashboard

Home

About Us

Logout

Filter Dishes

Dish Name:

Price Range:

e.g., 10-20

Order Status:

All

Sort By:

Oldest

Apply Filters

Available Dishes

Paneer Tikka

Price: \$7.99

Grilled cubes of marinated paneer served with mint chutney.

Filter Dishes

Dish Name:

none

Price Range:

e.g., 10-20

Order Status:

Pending

Sort By:

Newest

Apply Filters

Available Dishes

Orders

Order by babaro@gmail.com (Order Date: Thu Nov 14 2024 22:35:03 GMT+0530 (India Standard Time))

Status: Pending

1 x Palak Paneer

Order by babaro@gmail.com (Order Date: Thu Nov 14 2024 22:35:03 GMT+0530 (India Standard Time))

Status: Pending

1 x Palak Paneer

Order by babaro@gmail.com (Order Date: Thu Nov 14 2024 22:35:03 GMT+0530 (India Standard Time))

Status: Pending

1 x Paneer Tikka

Order by rishabh.shenoy23@spit.ac.in (Order Date: Thu Nov 14 2024 17:47:16 GMT+0530 (India Standard Time))

Status: Pending

1 x Palak Paneer

Order by rishabh.shenoy23@spit.ac.in (Order Date: Thu Nov 14 2024 17:43:07 GMT+0530 (India Standard Time))

Status: Pending

1 x Chole

Order by rishabh.shenoy23@spit.ac.in (Order Date: Thu Nov 14 2024 17:43:07 GMT+0530 (India Standard Time))

Status: Pending

Welcome to Your Staff Dashboard

Home

About Us

Logout

Filter Dishes

Dish Name:

p

Price Range:

e.g., 10-20

← → ↺ 📄 🌐 localhost:3000/staff-dashboard?nameFilter=p&priceFilter=&statusFilter=Pending&sortFilter=newest ⭐ 📄 ⬇️ 🔍

Available Dishes

Paneer Tikka

Price: \$7.99

Grilled cubes of marinated paneer served with mint chutney.

Delete Dish

Edit Dish

Pav Bhaji

Price: \$5.99

Mashed vegetable curry served with buttered bread rolls.

Delete Dish

Edit Dish

Palak Chaat

Price: \$6.99

Crispy spinach leaves topped with yogurt, tamarind chutney, and spices.

Delete Dish

Edit Dish

Methi Thepla

Price: \$5.49

Spiced flatbread made with fenugreek leaves, served with yogurt or chutney.

Delete Dish

Edit Dish

Vegetable Pulao

Price: \$7.49

Aromatic rice cooked with mixed vegetables and spices.

Delete Dish

Edit Dish

Imperial Hotel

Address

Contact: +123 456 7890

Login

Email

ritshabh.shenoy23@spit.ac.in

Password

Type of User

Customer

Login

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Customer Dashboard

View Bills

Logout

Search for a dish...

Select Dishes

☐

Paneer Tikka

\$7.99

Quantity:

☐

Chole Bhature

\$8.99

Quantity:

☐

Aloo Gobi

\$6.49

Quantity:

☐

Pav Bhaji

\$5.99

Quantity:

☐

Dhokla

\$4.49

Quantity:

☐

Palak Chaat

\$6.99

Quantity:

☐

Methi Thepla

\$5.49

Quantity:

☐

Vegetable Pulao

\$7.49

Quantity:

☐

Baingan Bharta

\$6.99

Quantity:

☐

Dosa

\$5.99

Quantity:

paneer

Select Dishes

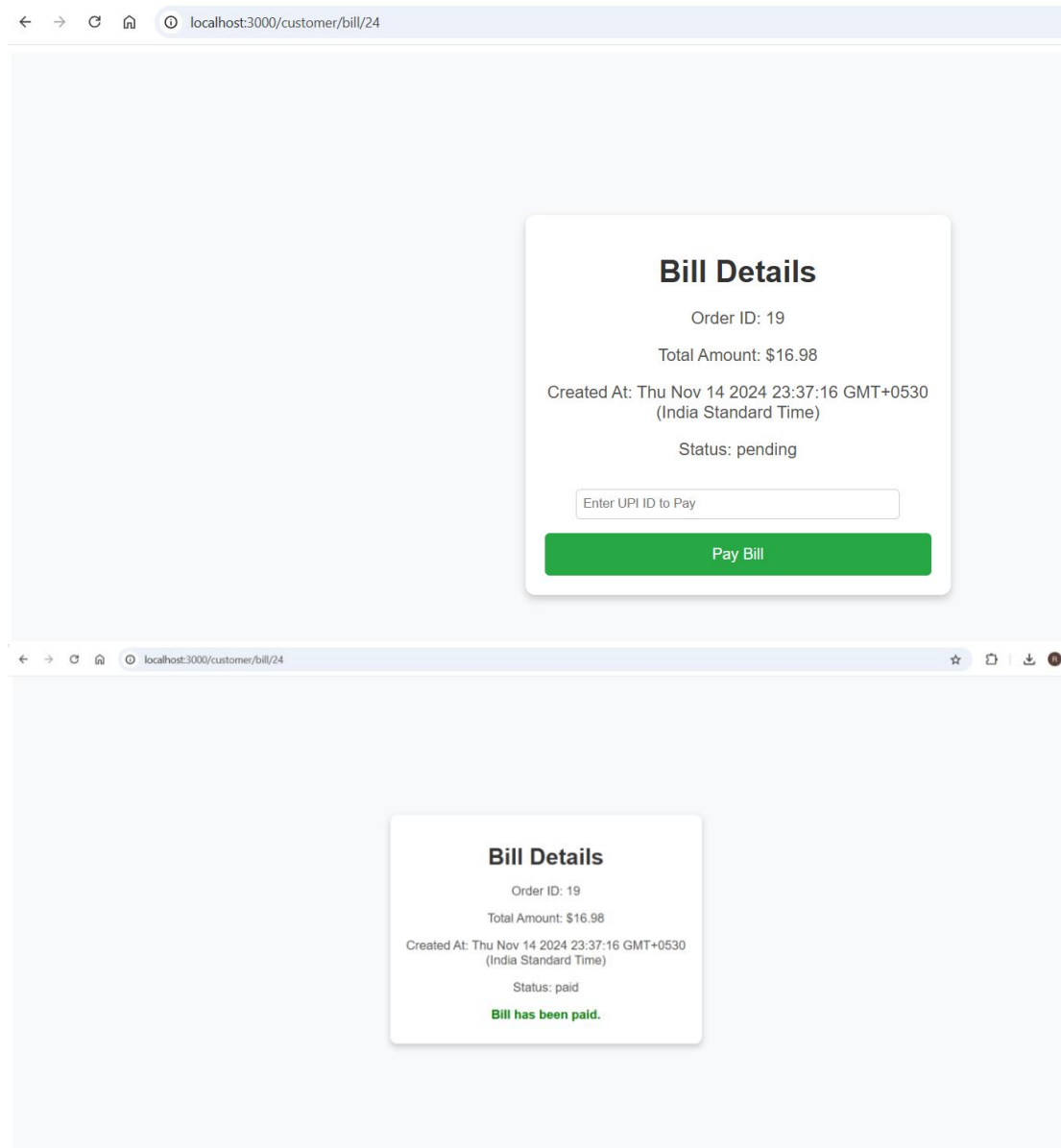
<input type="checkbox"/> Paneer Tikka	\$7.99	Quantity: <input type="text" value="1"/>
<input type="checkbox"/> Palak Paneer	\$8.99	Quantity: <input type="text" value="1"/>
<input type="checkbox"/> Chili Paneer	\$7.99	Quantity: <input type="text" value="1"/>
<input type="checkbox"/> Paneer Chilly Special	\$8	Quantity: <input type="text" value="1"/>

Place Order

Select Dishes

<input checked="" type="checkbox"/> Paneer Tikka	\$7.99	Quantity: <input type="text" value="1"/>
<input checked="" type="checkbox"/> Palak Paneer	\$8.99	Quantity: <input type="text" value="1"/>
<input type="checkbox"/> Chili Paneer	\$7.99	Quantity: <input type="text" value="1"/>
<input type="checkbox"/> Paneer Chilly Special	\$8	Quantity: <input type="text" value="1"/>

Place Order



Conclusion :-

This project on a restaurant management system with distinct customer and staff dashboards aims to enhance operational efficiency and customer satisfaction within the food service environment. By implementing role-based access, it ensures that both customers and staff only see features relevant to them, securing sensitive data while streamlining user experience.

The Customer Dashboard allows diners to easily browse the menu, place orders, and track the status of those orders in real-time. This functionality not only makes the dining experience more convenient but also fosters transparency and trust by keeping customers informed about their orders. For the Staff Dashboard, the system emphasizes order management by prominently displaying pending orders, along with functionalities to update order statuses, edit dishes, and delete menu items as needed. This organized workflow for restaurant staff supports quick, accurate service that directly improves the quality of customer service.

To enforce security and privacy, the project uses session-based authentication and role verification, redirecting unauthorized users back to the login page to prevent access to restricted areas. This adds an essential layer of security and ensures compliance with good data protection practices. The

intuitive filter and sort features further enhance user-friendliness, allowing staff to prioritize urgent orders and customers to quickly locate specific menu items.

From a technical standpoint, the project demonstrates effective use of backend and frontend technologies to deliver a seamless web application. The backend manages data requests and database interactions, ensuring that all displayed information, such as available dishes and orders, is up-to-date and accurate. The frontend, designed with a responsive user interface, ensures a positive user experience across different devices.

This project not only facilitates efficient order processing for restaurant staff but also meets customer needs for convenience and information transparency. It reflects an understanding of real-world restaurant management and has potential to be expanded further. Future additions could include a payment gateway, real-time inventory updates, and automated notifications, enhancing it into a comprehensive restaurant management tool.

In conclusion, this project showcases a solid foundation in web development and database integration while addressing practical issues faced by restaurant operators. It balances usability with functionality, providing a scalable and secure solution that can be expanded to meet growing business needs, while giving both staff and customers an improved, streamlined experience.