

**REPORT PROJECT**

# **ONLINE FOOD ORDER SYSTEM**

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Group : G5



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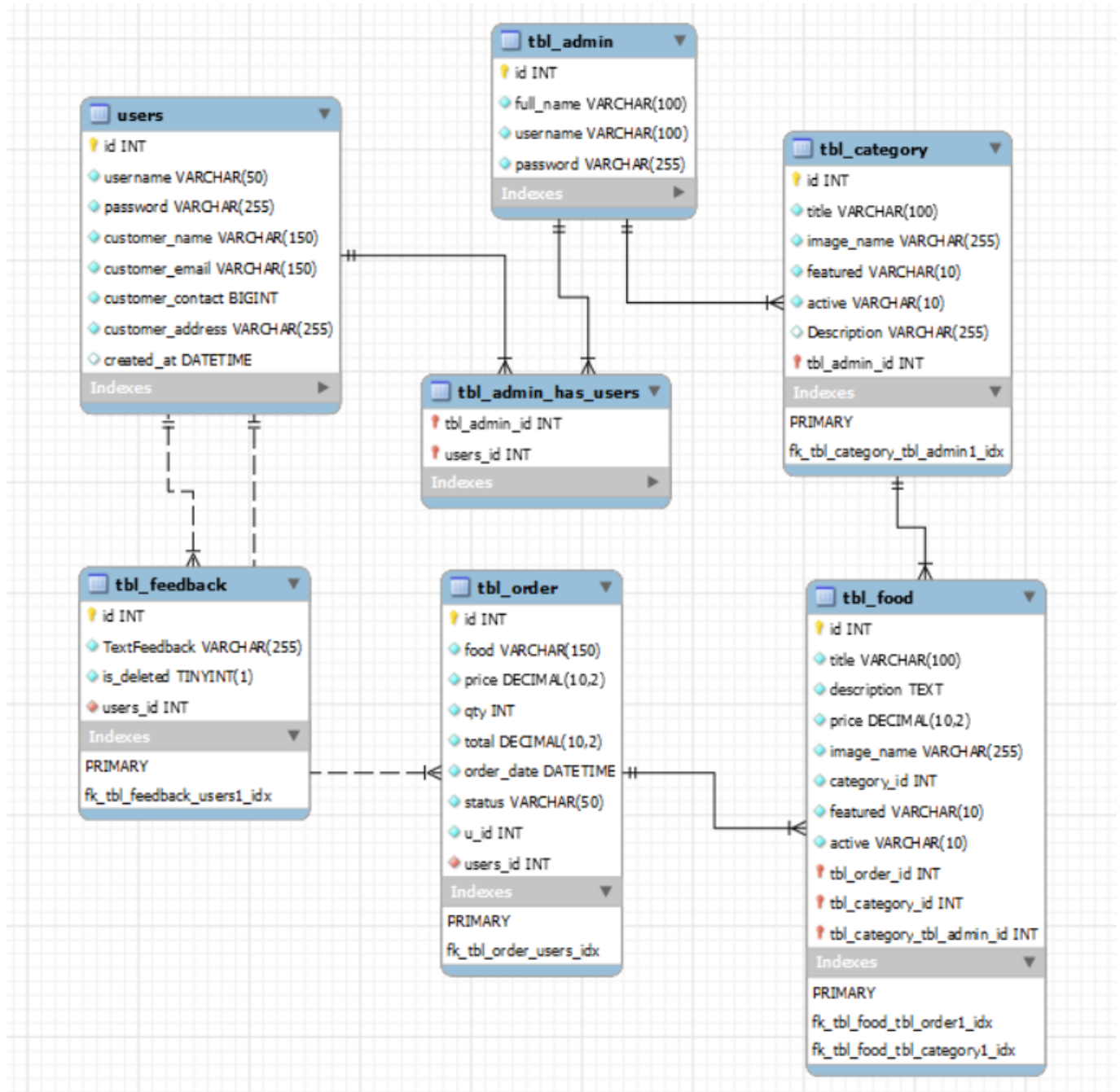
### **I. Introduction**

1. **Project Overview :** The Online Food Ordering System is a dynamic and user-friendly platform designed to revolutionize the way individuals order food. In an era of fast-paced lifestyles and digital convenience, this system seeks to bridge the gap between hungry customers and a multitude of restaurants offering diverse cuisines.
2. **Objectives :**
  - Develop an intuitive mobile app and website for users to browse and order food.
  - Implement a secure payment system for online transactions.
  - Establish partnerships with local restaurants for a diverse menu.
3. **Features**
  - User registration and authentication
  - Restaurant listing and menu display
  - Cart Management and Order placement
  - Payment processing and order tracking

### **II. Team Structure and Roles**

1. **Chim Vine:** is responsible for creating and managing the database that stores information for our application.
2. **Sovan Chandara:** designs how the different parts of our app look, making sure it's easy for people to use.
3. **Sinara Seth:** focuses on understanding what users need and designs how they interact with the app for the best experience.
4. **Pa Kotthayotho:** helps create a good experience for users by working on the design and layout of our application.

### III. Database Schema Design



### IV. Technology

1. Programming Language: The system was developed using :
  - HTML
  - CSS
  - PHP
  - Bootstrap
  - JavaScript
2. Database: MySQL was chosen as the database management system for its reliability and compatibility with the project requirements.

### 3. Tools: We use

- GitLab to control everything of our coding to work together
- Figma for UI/UX design
- Visual Studio Code for code development
- MySQL Workbench for drawing the schema diagram and creating a database

## V. Implementation Workflow

The workflow involves:

1. **Planning:** Defining features, including user registration, menu display, and order processing.
2. **Development:** Coding based on the agreed-upon features, implementing front-end and back-end functionality.
3. **Testing:** Rigorous testing of individual components, payment integration, and order processing.
4. **Review:** Regular team reviews and retrospectives to identify improvements and bug fixes.
5. **Deployment:** Gradual deployment of features to ensure system stability.
6. **Monitoring and Maintenance:** Continuous monitoring, bug fixes, and updates based on user feedback.

## VI. Result

1. **System functionality:** The online food ordering system, works well and does what it's supposed to do. People can easily sign up, look at the menu, and order food without any problems. Signing up is easy and safe, and the menu looks nice and is easy to understand. When people order, everything happens smoothly, making it simple for them to finish their transactions.
2. **Performance:** The system works well and stays reliable when lots of people are using it. Important things like how quickly it responds and how many people it can handle at once are up to a good standard. We've tested it to make sure it can handle many people using it at the same time, making sure it stays smooth and works well for everyone.
3. **User feedback:** People who have tried the system at first really like it. They say it's easy to use, the way to move around the app makes sense, and ordering food online is convenient. They especially like the real-time order tracking because it makes them feel more sure about what's happening with their orders.
4. **Improvement:** We're planning to make it work better on mobile phones so that everyone has a similar experience. We're also thinking about adding more ways for people to pay for their orders.

## VII. Week points and strong points

### 1. Week points

- Customers' payments are still not secure enough to ensure their security.
- Protecting customers' accounts is not yet 100% secure because they can enter a small number of password and can simply enter to create an account.

- Sometimes, when you're looking for something specific or doing a tricky search, it might take a bit longer to find what you're looking for. We're working on making this faster.

## **2. Strong points**

- The system is designed to be easy to use. When you're clicking around, ordering food, and keeping track of your delivery, everything is set up to be simple and make sense.
- Your information is kept really safe with the system. They use strong security measures to make sure your details are private and protected.
- When you order food, everything happens smoothly. From picking what you want to eat to paying for it, the system is set up to make it easy for you.
- The system works well with other things, like when you're paying online. It's set up to make sure everything fits together smoothly, so you don't have to worry about issues.

## **VIII. Challenges and Perspective**

### **1. Challenges**

- During this work, our team encountered many problems and it taught us to solve it step by step by dividing the roles, doing and helping each other.
- One challenge we faced was trying to get lots of different restaurants to share their menus on the system. It was a bit tricky because each restaurant does things differently. We had to work hard to make everything fit together and make sense for you.
- Sometimes, when many people want to order food at the same time, it can be a bit hard for the system to keep up. We're working on making sure it stays fast and works well, even when many people are using it together.

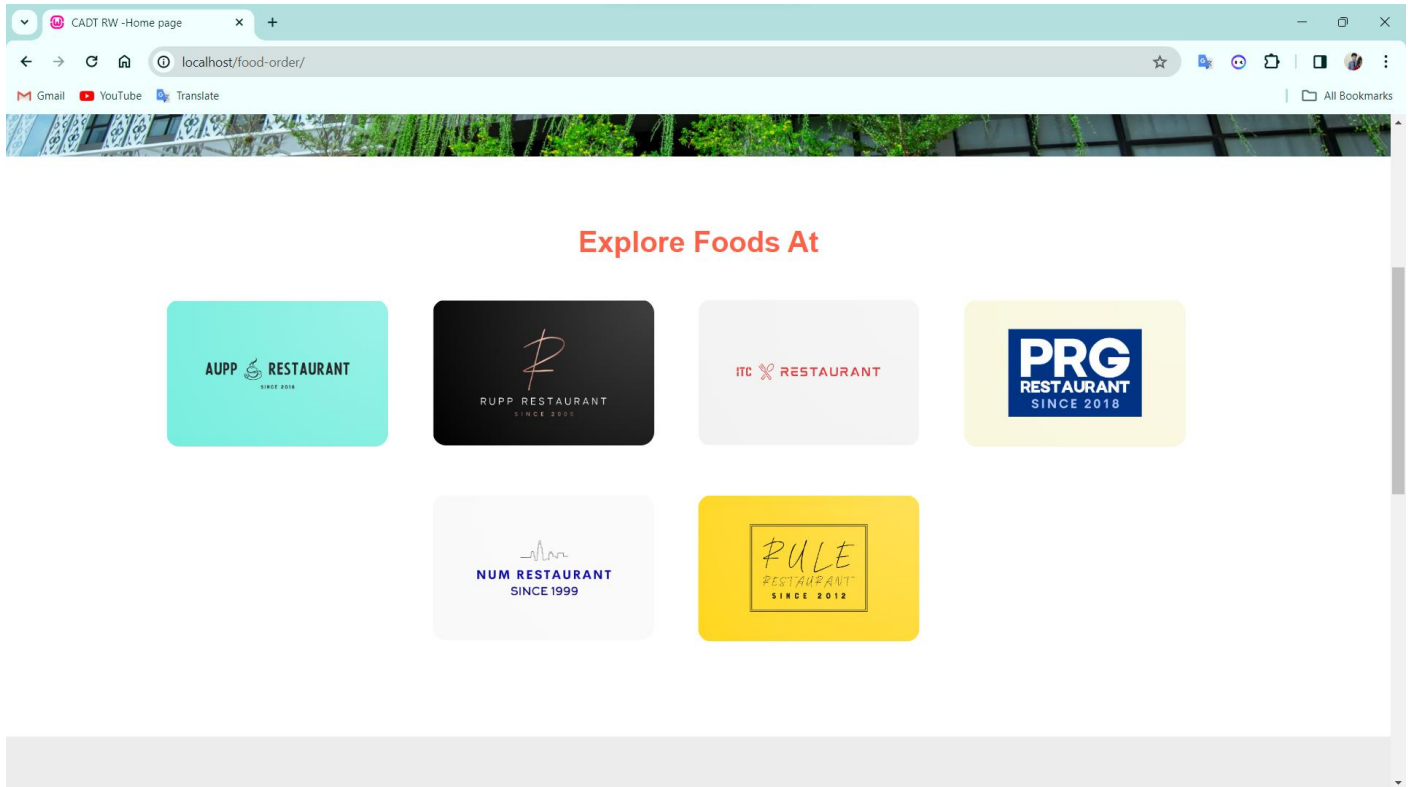
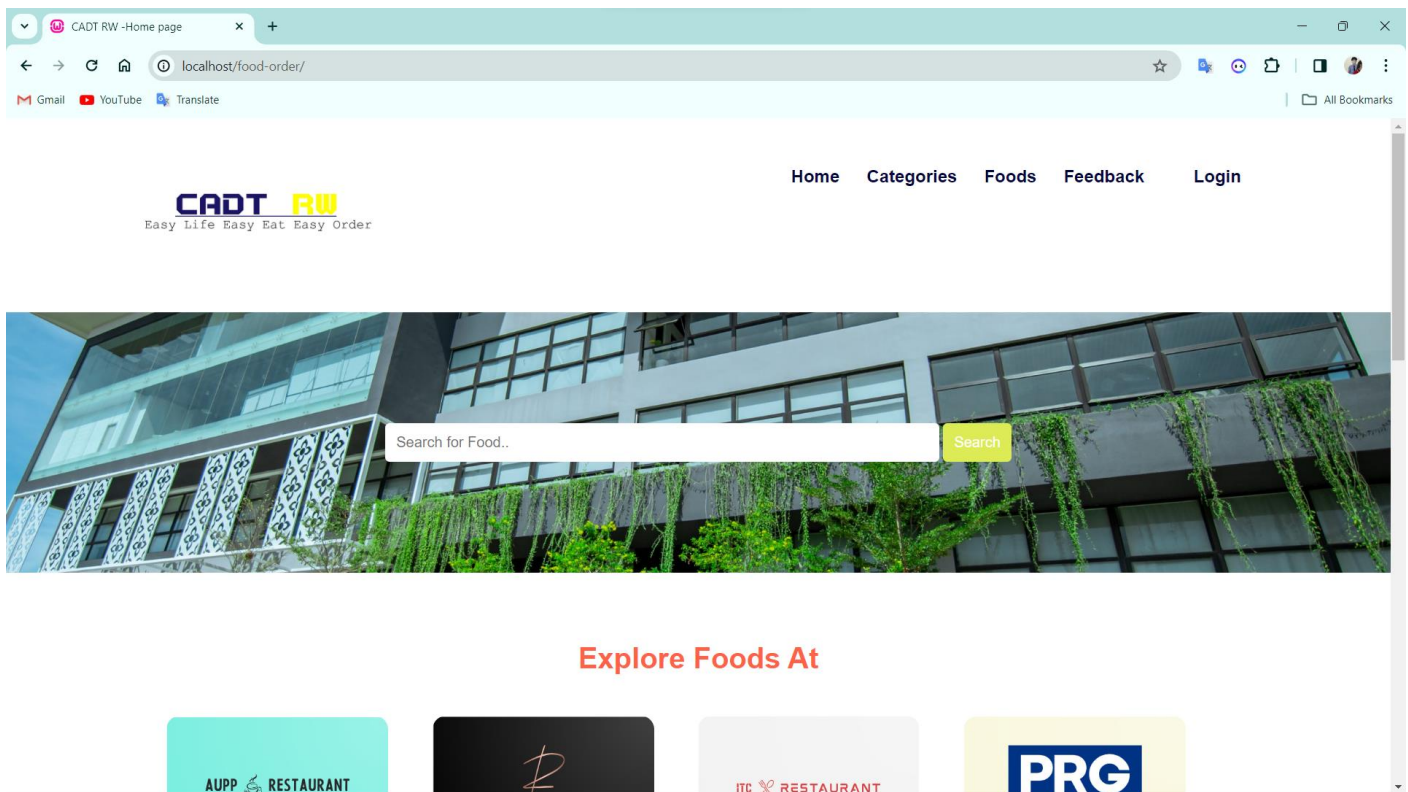
### **2. Perspective**

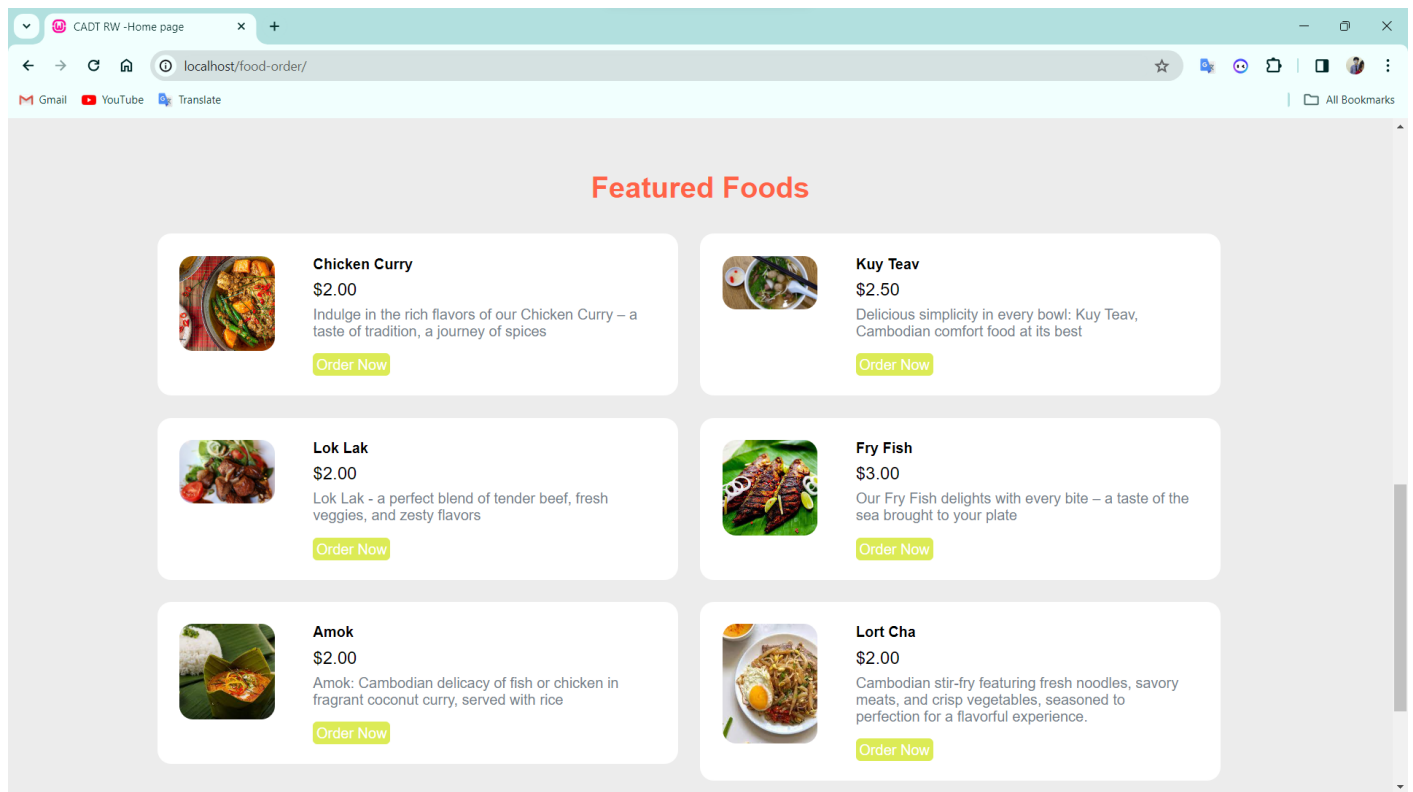
- In the future, we want to add more and more restaurants to the system.
- We're planning to make it easier for you to pay for your food. Right now, there's one way to pay, but soon we'll have more options available.
- Looking forward, we want to make the system even better for you. We're thinking about how to make it faster, so you don't have to wait, and making sure it works well for everyone.

## IX. Annex

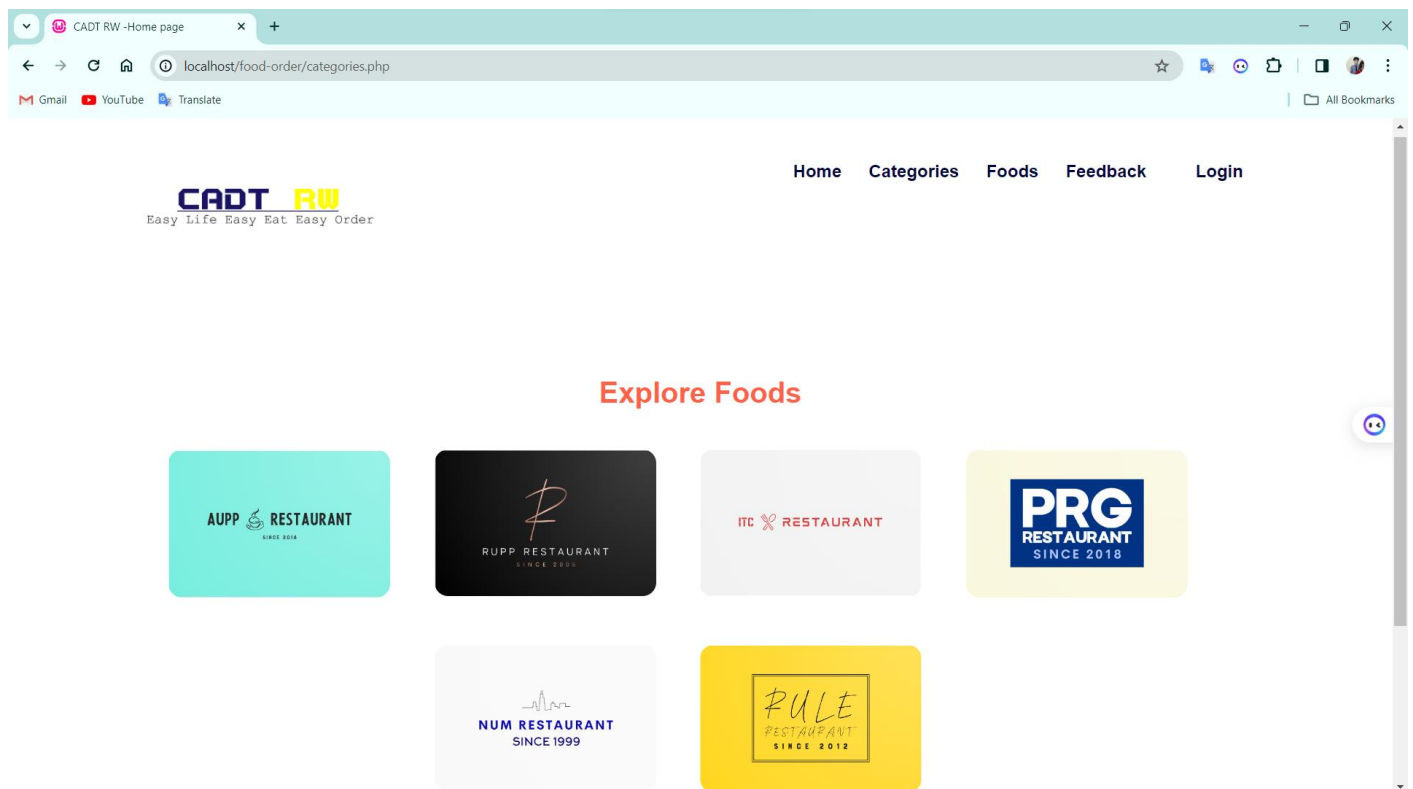
### 1. User

- Home Page



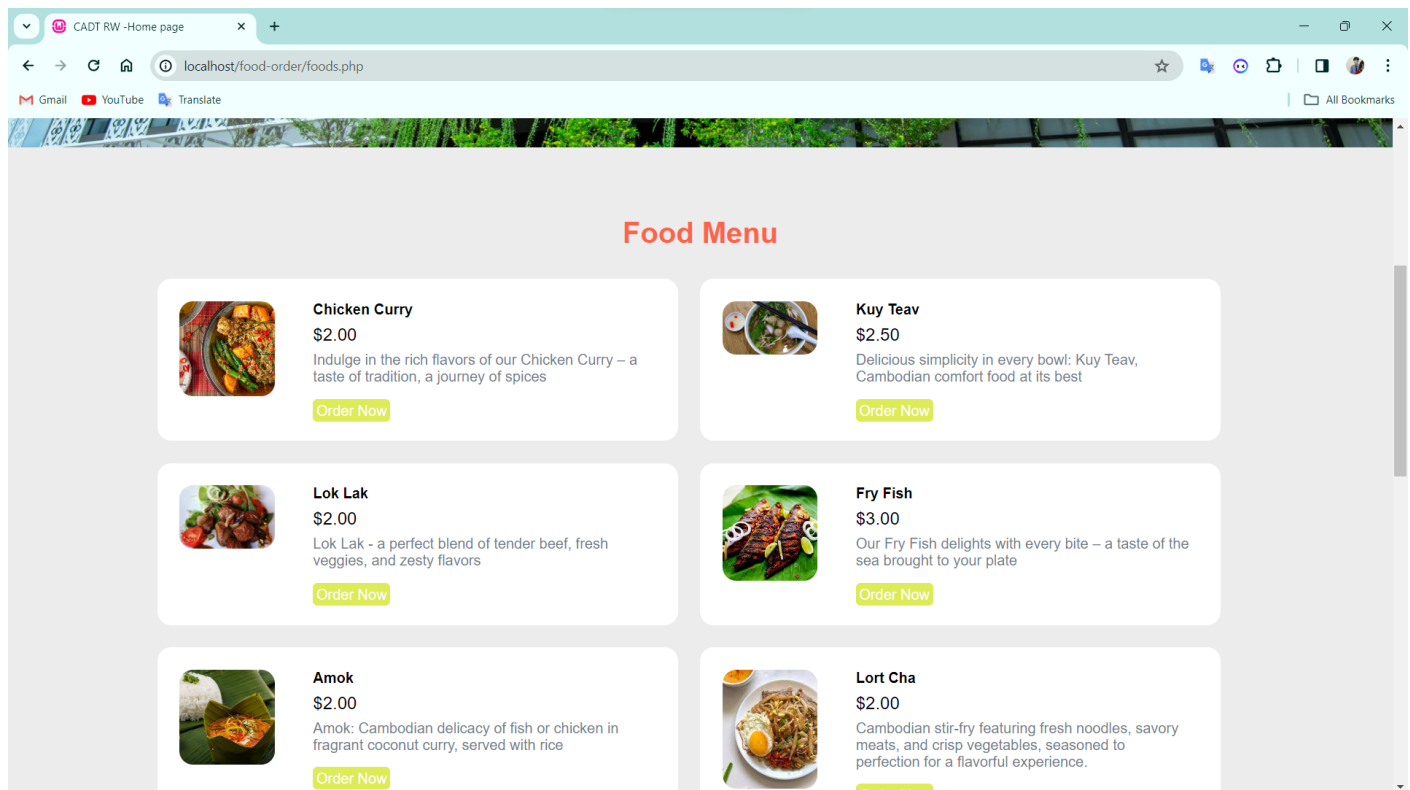
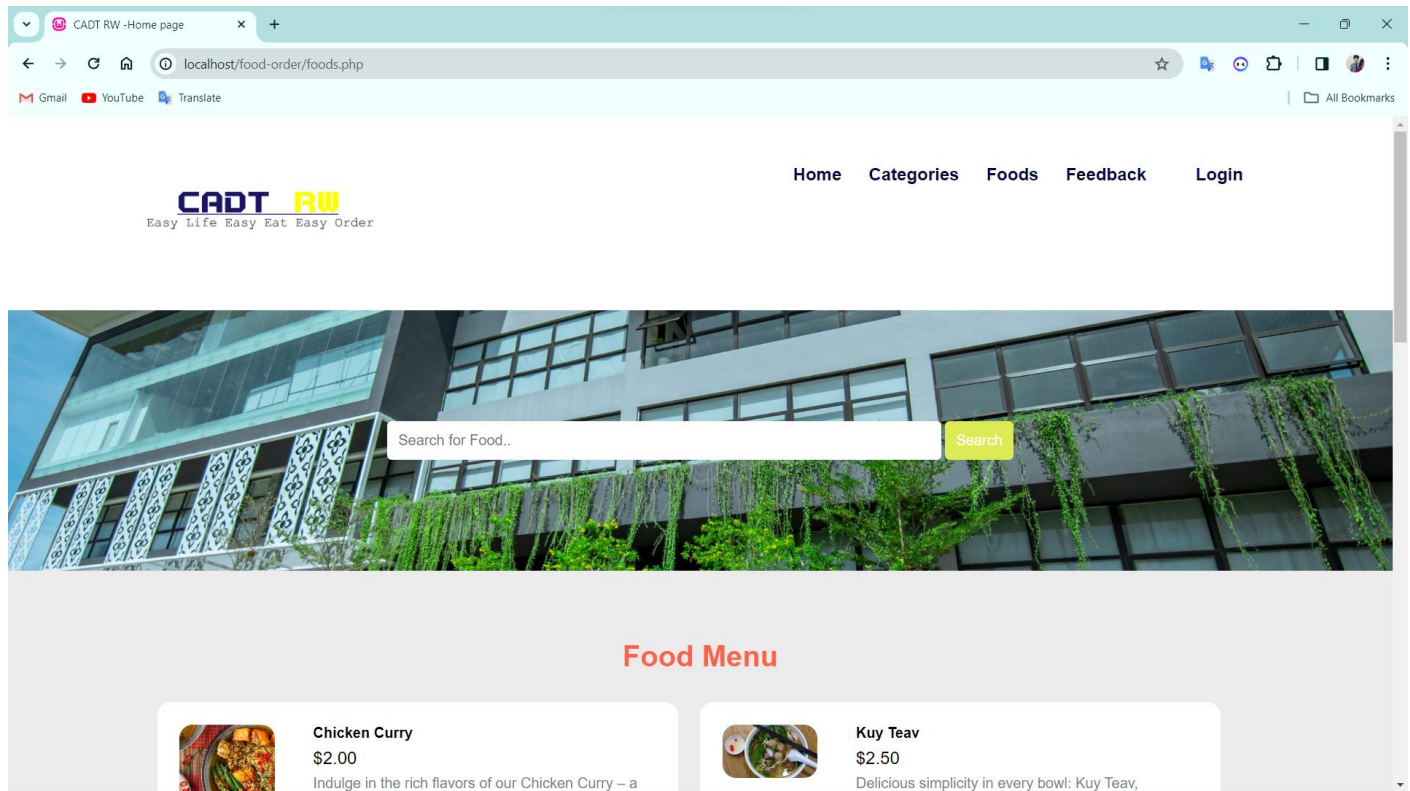


- Categories



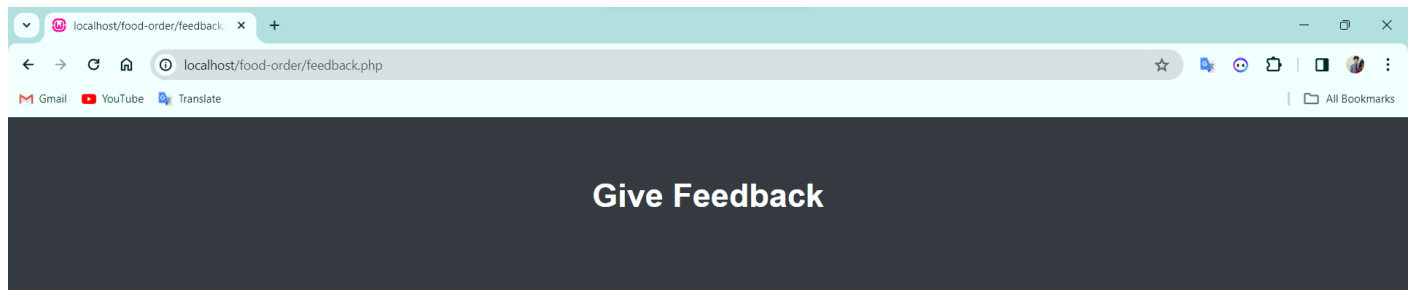


- Foods





- Feedback



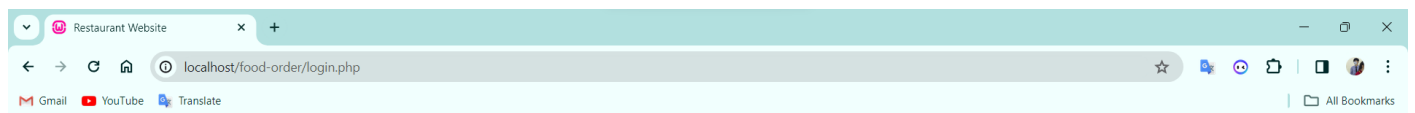
Our Main Goal is Client Satisfaction

Your Message

Send Message

Back to Home

- Login



## Login

Please fill in your credentials to login.

Username

Password

Login

Don't have an account? [Sign up now.](#)



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- Register

localhost/food-order/register.php

CADT RW

[Signup Here](#)

\*All fields are required

Username

Full Name

Password

Confirm Password

Make sure to type the same password

Email

Phone

Please Enter a valid 10 digit mobile number

Address

Signup

Facebook Instagram Twitter

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## 2. Admin

- Login

localhost/food-order/admin/login.php

CADT RW -Home page Restaurant Website CADT RW -Home page Login - Food Order System

Admin Login

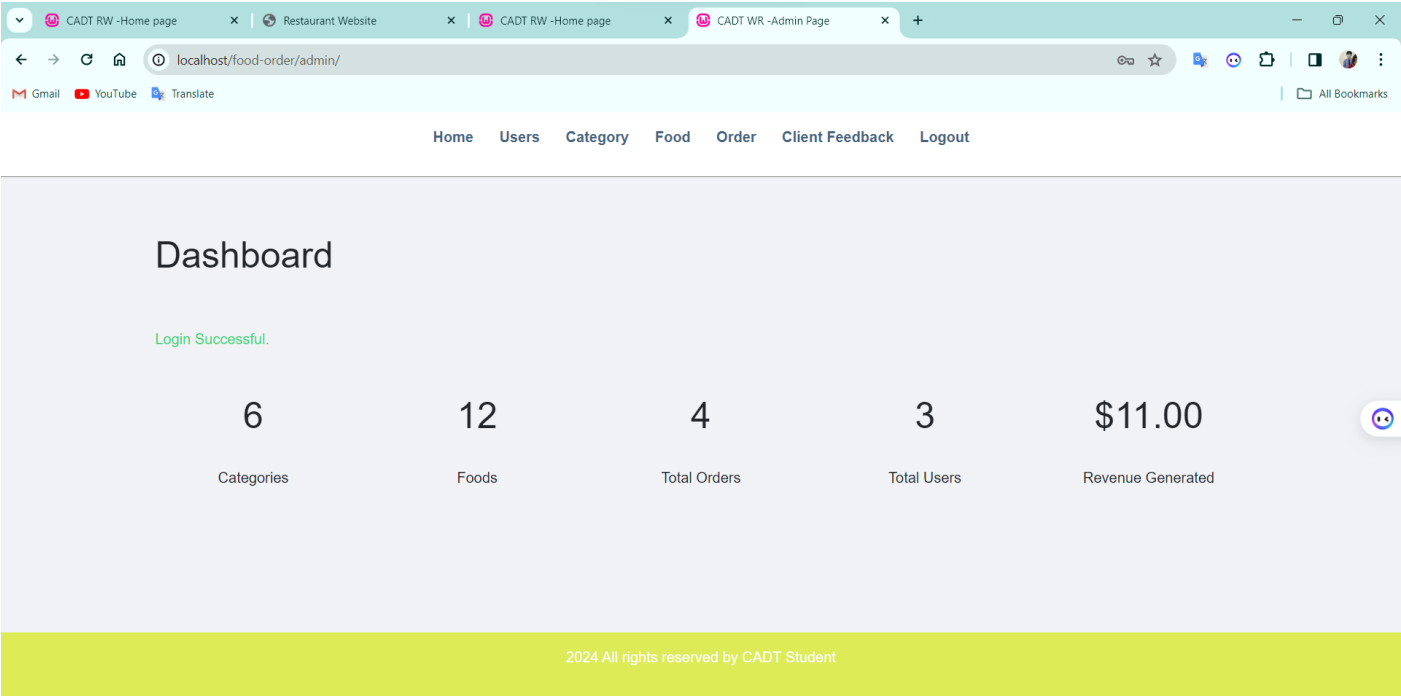
Please login to access Admin Panel.

Username:  
Enter Username

Password:  
Enter Password

Login

• Home Dashboard



• Manage Users

The screenshot shows the 'Manage Users' page in the same browser. It features an 'Add User' button and a table with user information. The table has columns for ID, Full Name, Username, Email, Contact, Address, Created At, Update User, and Delete User. There are three rows of user data. A footer bar at the bottom states '2024 All rights reserved by CADT Student'.

ID	Full Name	Username	Email	Contact	Address	Created At	Update User	Delete User
1.	costomerA	costomerA	ibciasbbc@gmail.com	230924	Phnom Penh Phnom Penh	2024-03-04 01:00:27		
2.	Sinara Seth	sinaraseth	sinaraseth@gmail.com	9775510588	PreakLeap, Chroy Changva	2024-03-04 09:07:53		
3.	Pa Kotthrayothe	yuthkota	kotthrayothe.pa@student.cadt.edu.kh	87850077	Phnom Penh Phnom Penh	2024-03-04 22:12:48		

## • Manage Category



















Browser tabs: CADI RW -Home page, Restaurant Website, CADI RW -Home page, CADI WR -Admin Page

Address bar: localhost/food-order/admin/manage-category.php

Navigation: Home Users Category Food Order Client Feedback Logout

### Manage Category

[Add Category](#)

ID	Title	Image	Featured	Active	Update Category	Delete Category
1.	AUPP Restaurant		Yes	Yes		
2.	RUPP Restaurant		Yes	Yes		
3.	ITC Restaurant		Yes	Yes		
4.	PRG Restaurant		Yes	Yes		
5.	NUM Restaurant		Yes	Yes		
6.	RULE Restaurant		Yes	Yes		

## • Manage food













Browser tabs: CADI RW -Home page, Restaurant Website, CADI RW -Home page, CADI WR -Admin Page

Address bar: localhost/food-order/admin/manage-food.php

Navigation: Home Users Category Food Order Client Feedback Logout

### Manage Food

[Add Food](#)

ID	Title	Price	Image	Featured	Active	Update	Delete
1.	Chicken Curry	\$2.00		Yes	Yes		
2.	Kuy Teav	\$2.50		Yes	Yes		
3.	Lok Lak	\$2.00		Yes	Yes		
4.	Fry Fish	\$3.00		Yes	Yes		

- Manage Order

CADT RW -Home page x Restaurant Website x CADT RW -Home page x CADT WR -Admin Page x +

localhost/food-order/admin/manage-order.php

Gmail YouTube Translate

All Bookmarks

[Home](#) [Users](#) [Category](#) [Food](#) [Order](#) [Client Feedback](#) [Logout](#)

# Manage Order

ID	Food	Price	Qty.	Total	Order Date	Status	Customer Name	Contact	Email	Address	Update Orders
1.	Kuy Teav	2.50	2	5.00	2024-03-03 06:04:33	Delivered	costomerA	230924	ibciasbbc@gmail.com	Phnom Penh Phnom Penh	
2.	Chicken Curry	2.00	2	4.00	2024-03-04 02:08:45	Delivered	Sinara Seth	9775510588	sinaraseth@gmail.com	PreakLeap, Chroy Changva	
3.	Chicken Curry	2.00	1	2.00	2024-03-04 02:38:46	Delivered	costomerA	230924	ibciasbbc@gmail.com	Phnom Penh Phnom Penh	
4.	Chicken Curry	2.00	1	2.00	2024-03-04 03:09:39	Ordered	costomerA	230924	ibciasbbc@gmail.com	Phnom Penh Phnom Penh	

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- Client feedback

CADT RW -Home page x Restaurant Website x CADT RW -Home page x Admin Feedback x +

localhost/food-order/admin/view-feedback.php

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All Bookmarks

ID	COMMENTS	Action
No comments found		

Back to Home