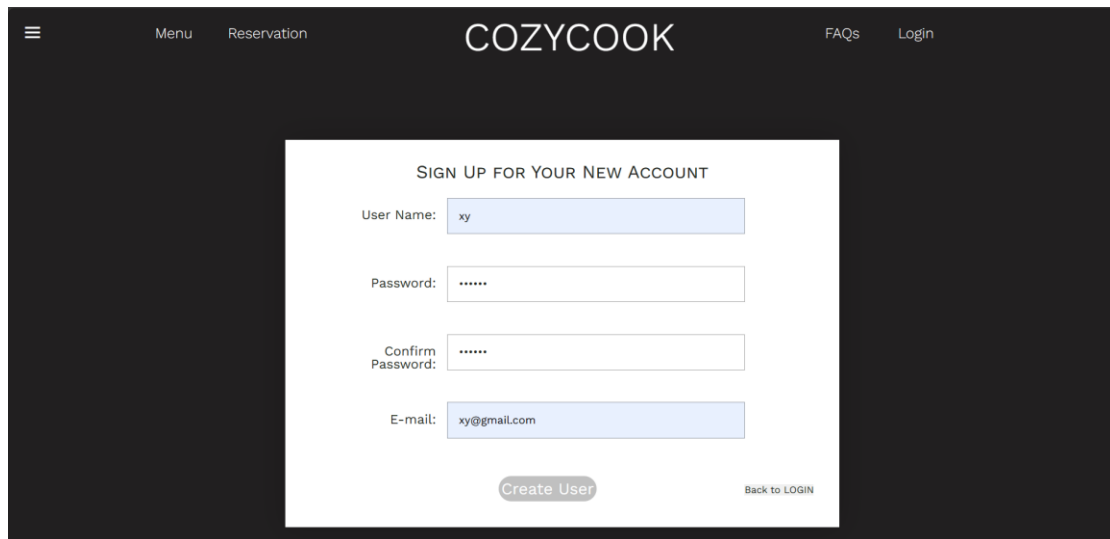# Restaurant Management System

- **Module In charge:** Signup & Login Module, Order Management Module, Booking Module and Payment Module
- **Technology learned:** ASP.NET, C#, HTML, CSS, SQL Server LocalDB
- **GitHub Link:** https://github.com/shuuye/COZYCOOKProject.git

Sign Up Module

The sign-up page of COZYCOOK typically serves as the gateway for users to create accounts so that the users can enter the page to view the menu and do the food ordering.
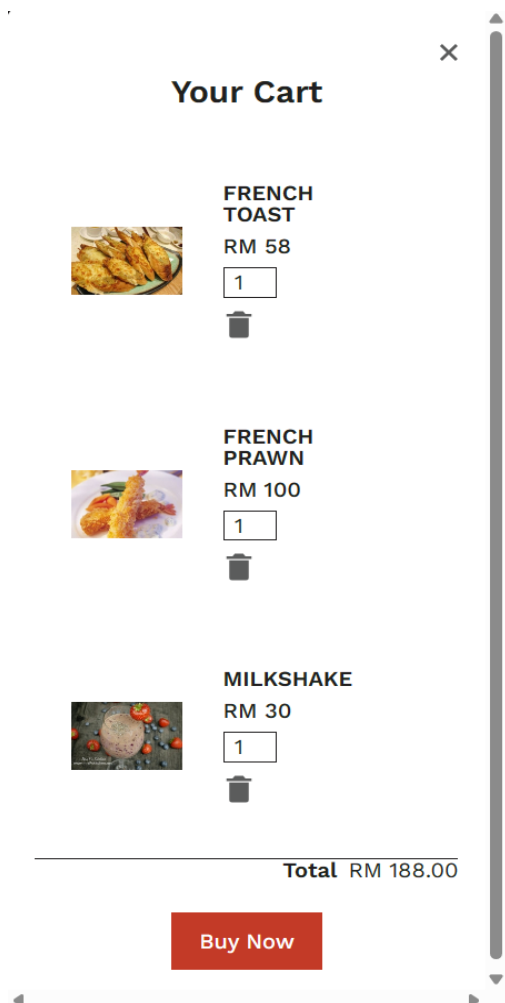
Login Module

The login page serves as the gateway for users to access their accounts by entering their credentials, ensuring secure authentication and personalized access to features like order history and preferences. When the users enter the username and password same with the sign up page and click the login button, the system will direct the user to the home page of COZYCOOK. Users also can tick the option of the checkbox "Remember me next time.". So when the user browses the COZYCOOK website next time, the system will not require the user login again.
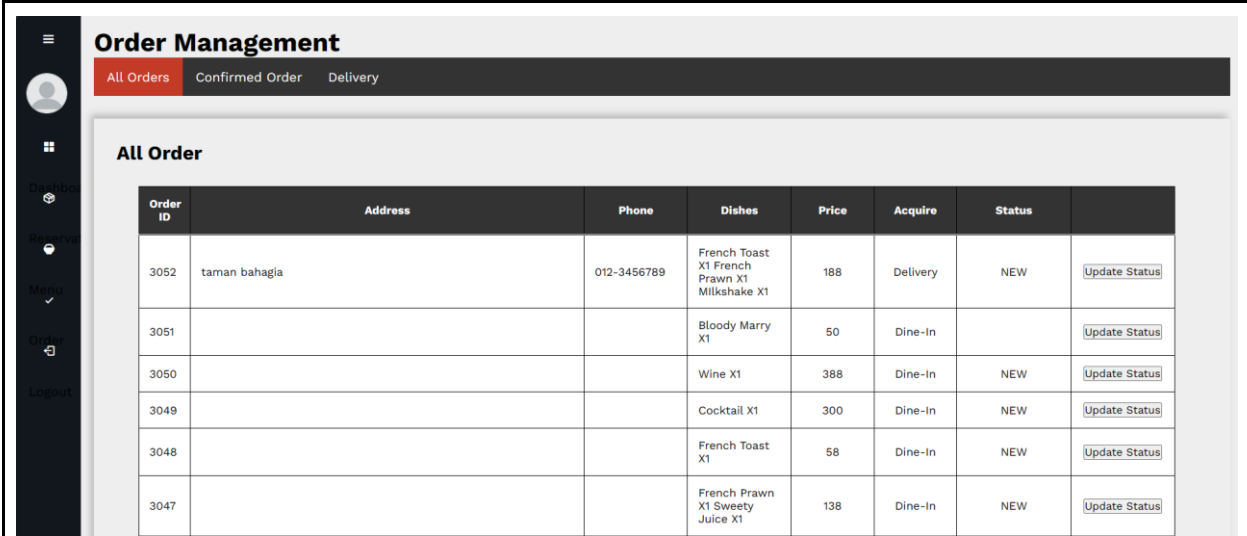
The admin can login to the admin page through the footer in the home page. While the admin enters the correct user name, password and clicks the login button, the page will direct the admin to the dashboard page.

Order Management – User Side (Add to Cart Module)

The cart on COZYCOOK serves as a central hub where users can review and manage the food or beverages they have selected for purchase. Upon clicking the add to cart icon, the selected item is instantly added to the cart, ready for checkout. The cart shows users the items they've added, providing a real-time summary of their selections. Users have the option to adjust the quantity of each item directly within the cart, allowing them to increase or decrease the number of items they wish to order. This enables users to keep track of their orders and make any adjustments as needed before proceeding to checkout. After the user checks the items that were added into the cart, users can click the "Buy Now" button. The page will lead the users to the next page to choose the dining method.
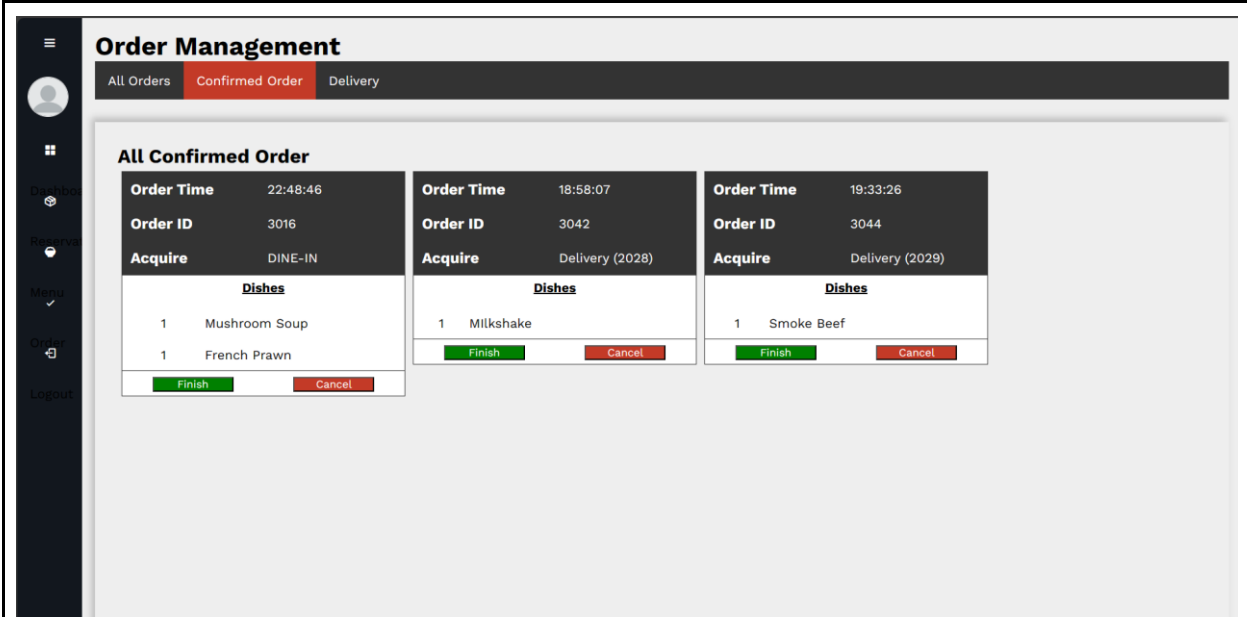
Order Management – Admin Side

This page provides admin with a comprehensive overview of all orders placed on the COZYCOOK. The main section of the page displays a complete list of all orders received by the system. Each order entry includes essential details such as the order ID, customer's name, address, phone number, list of dishes ordered, total price, method of acquisition (dine-in or delivery), and current status of the order. If the order belongs to the delivery, it will show the delivery address and phone number, otherwise, it will be left blank. Admin have the ability to update the status of each order directly within the page. A designated "Update Status" button is provided alongside each order entry. Admin can update the status "Confirmed" or "Canceled" in the dropdown list after clicking the "Update Status" button.

This page provides the admin(mostly from the kitchen) to manage the order of the customers. The admin can confirm the order that was already provided for the customers or cancel the order.

Booking Module – User Side

Users can book tables through the COZYCOOK website. When the users click on the reservation at the navigation bar, the system will direct the users to the booking page. Users can enter their booking details example: date and time, number of pax, name, email address and phone number at the booking page. They also provided the two buttons: submit button and cancel button. Submit button will lead the users to the booking summary page and the system will have the record of the booking. Bottom of the booking page also has the history booking of the users.

Booking Module – Admin Side

Reservavtion Management

All Reservavtion

Reservation ID	Customer Name	Contact No.	Reservation Date	Reserve Time	Pax	Status	Assign Table	
4018	admin	0162728289	20 May 2024	10:00:00	11	New Reservation	Assign Table	Cancel
4019	admin	0162728289	14 May 2024	09:00:00	3	New Reservation	Assign Table	Cancel
4009		0162728289	09 May 2024	15:00:00	4	Table 1	Assign Table	Cancel
4020	amy	0162727272	09 May 2024	10:00:00	5	New Reservation	Assign Table	Cancel
4017	admin	0162728289	09 May 2024	10:00:00	4	New Reservation	Assign Table	Cancel
4016	admin	0162728289	07 May 2024	08:00:00	2	New Reservation	Assign Table	Cancel
4014	amy	0162728289	30 Apr 2024	14:00:00	8	Table 10	Assign Table	Cancel
4015	amy	0162728289	30 Apr 2024	13:00:00	9	Cancelled	Assign Table	Cancel
4013	amy	0162728289	30 Apr 2024	12:00:00	3	Cancelled	Assign Table	Cancel
4012	amy	0162728289	30 Apr 2024	10:00:00	2	Table 1	Assign Table	Cancel
4011	amy	0162728289	29 Apr 2024	10:00:00	2	New Reservation	Assign Table	Cancel
4004			18 Apr 2024	10:00:00	4	Table 2	Assign Table	Cancel
4005			18 Apr 2024	09:00:00	6	Cancelled	Assign Table	Cancel
4001			12 Apr 2024	13:00:00	6	Cancelled	Assign Table	Cancel
4006			11 Apr 2024	10:00:00	3	Cancelled	Assign Table	Cancel
4008			11 Apr 2024	10:00:00	3	New Reservation	Assign Table	Cancel
4003			10 Apr 2024	11:00:00	7	New Reservation	Assign Table	Cancel
4007			09 Apr 2024	10:00:00	4	New Reservation	Assign Table	Cancel
4002			09 Apr 2024	10:00:00	10	Cancelled	Assign Table	Cancel
1003	xy		30 Mar 2024	19:00:00	10	Table 3	Assign Table	Cancel
1002	admin		30 Mar 2024	16:00:00	6	Table 2	Assign Table	Cancel
1001			30 Mar 2024	08:00:00	3	Table 2	Assign Table	Cancel

The Admin Reservation page serves as a centralized platform for admin to manage and oversee all reservation requests made by users. The main section of the page displays a comprehensive list of all reservation requests received from users. Each reservation entry includes details such as the reservation id, user's name, contact information, reservation date and time and pax of reservation. The page will prompt the admin to the table assigning page to assign a table for each reservation. Admin also can cancel the reservation of the user in the admin reservation page. Upon confirmation, the reservation's status is changed to "cancel" in the system database.

Payment Module

COZYCOOK
Dine-In Checkout

Menu   Reservation   FAQs   Logout   Hi, xy

Order Summary

Cart

FRENCH TOAST
RM 58

Quantity: 1

FRENCH PRAWN
RM 100

Quantity: 1

MILKSHAKE
RM 30

Quantity: 1

Sub-Total: RM RM 188.00

Payment Details

Payment Method:
Cash

Service Charge@10%:   RM RM 18.80

Total (Inc. tax):   **RM RM 206.80**

Back   Place Order

Upon selecting the dine-in option and proceeding to checkout, users are directed to the Dine-In Checkout page. This page provides a seamless experience for users to review and manage their order before payment. The dine-in checkout page displays a comprehensive order summary, listing all selected items along with their corresponding details such as name, quantity, and price per item. Users can easily review their order at a glance.Users have the option to manage their selected items directly within the order summary. For example, increase or decrease the quantity of the selected items and delete the items. This page dynamically calculates the total amount of the order, including the subtotal of selected items and service charge and the total amount is prominently displayed for users to review before proceeding. The dine-in page provides the two buttons which are the "Back" button to return to the menu page and the "Place Order" page to proceed to the next step.

Delivery Checkout

Order Summary

Cart

	FRENCH TOAST RM 58 Quantity: 1	🗑
	FRENCH PRAWN RM 100 Quantity: 1	🗑
	MILKSHAKE RM 30 Quantity: 1	🗑

Sub-Total: **RM 188.00**

Payment Details

Payment Method:
Cash

Promo Code:
P0002   **Apply**

Applied Promotion (Minus - 15%):   **RM 28.20**
Delivery Fee: **RM 5.00**

Total: **RM 164.80**

Back   Proceed

Since the user chooses the option Delivery at the select dining option page, users are directed to this Delivery checkout page. This page also will display the items that the users add into the carts, they also can manage the items in the order summary. Other than that, this page provides the user to enter the promo code for the delivery. Each of the promo codes represent the different percentage of discount and different date and time that users are able to apply it. When the users use the available promo code to apply, the success applied promotion will minus the amount of the total at this page. This page also provides users two buttons to go back to the menu page and proceed to the next page.