

## **MODULE 3**

### **MINI PROJECT**

18/07/2025

VISHNU N

[GitHub](#)

#### **Project Overview**

truYum is a leading restaurant chain that operates 100+ restaurants across the country. Due to successful business model and solid understanding about consumer needs, the Yum executive management feels that they can increase their business by going online and delivery food to the door steps of the customer. They are planning to open an online portal called Yummy Tummy through which they want to reach out a larger customer base. This document specifies the list of requirements that are needed for the initial phase of the application launch.

Following are the key features that needs to be implemented for Customer and Admin:

#### **Customer**

1. Register
2. Login
3. View menu items
4. Add an item to the cart
5. Remove item from the cart

#### **Admin**

1. Login
2. View Menu items
3. Edit Menu items

#### **Use Cases**

There will be two types of users whom will be using this application:

1. Admin
2. Customer

Admin – Responsible for managing the menu items available in yummy tummy portal.

Customer – Find Menu Items available adds them to the cart. The customer also has the option to remove items which were already added to the cart.

#### **1.Register**

Customer can register to the portal using this use case. Customer should provide the basic information like user id, name, address, contact number etc while registering. Store the required customer information in storage API.

## **2. Login**

Both Admin and Customer can login in the platform. Credentials can be hardcoded.

### **Validations:**

Username and password is mandatory

Password should be minimum 8 characters, it should contain atleast 1 special character, 1 uppercase letter and 1 number.

## **3. View Menu Item List**

Both Admin and Customer can see the list of menu items available in the platform. For Admin all the menu items will be listed. For Customer, only menu items that are active and those whose date of launch has crossed the current date will be listed. Menu item details stored are id, name, price, date of launch, category, free delivery (check box)

## **4. Edit Menu Item**

Admin uses this option to change details about a menu item. After the item is modified, success message should be displayed.

### **Validations:**

All fields are mandatory

Price cannot be a negative number.

## **5.Add Item to the cart**

Adds a menu item into the Cart to accumulate menu item selections into the Cart.

## **6.View cart**

A customer views the list of menu items in the Cart. If there is no item in the cart, the display message that there are not items in the cart.

## **6.Remove item from cart**

A customer can remove and item from the Cart.

Use external Javascript. Your web pages should be responsive.

pizzo

# The Best pizza to share with friends

Order Now



pizzo

## Login

Username

sandysam

Password

\*\*\*\*\*

Login

[Register an account](#)



## Register

Name

sam sundar

Address

tamil nadu, india

Contact Number

1234567890

Register

[Already have an account? Login](#)



## Discover Your Perfect Pizza!



### Margherita

\$10.99

Vegetarian

Delivered Free

Add to Cart



### Pepperoni

\$12.99

Non-Vegetarian

Delivery Fee Applies

Add to Cart



### Veggie

\$11.99

Vegetarian

Delivered Free

Add to Cart



### BBQ Chicken

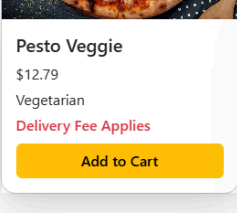
\$13.99

Non-Vegetarian

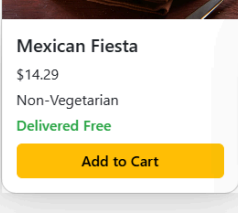
Delivery Fee Applies

Add to Cart

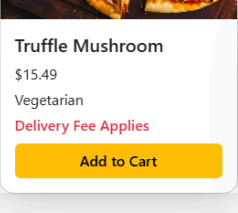




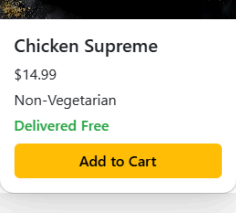
**Pesto Veggie**  
\$12.79  
Vegetarian  
Delivery Fee Applies  
Add to Cart




**Mexican Fiesta**  
\$14.29  
Non-Vegetarian  
Delivered Free  
Add to Cart




**Truffle Mushroom**  
\$15.49  
Vegetarian  
Delivery Fee Applies  
Add to Cart




**Chicken Supreme**  
\$14.99  
Non-Vegetarian  
Delivered Free  
Add to Cart




**Paneer Tikka**  
\$13.49  
Vegetarian  
Delivered Free  
Add to Cart



**Seafood Special**  
\$16.99  
Non-Vegetarian  
Delivery Fee Applies  
Add to Cart



**Classic Cheese**  
\$9.99  
Vegetarian  
Delivered Free  
Add to Cart



**Garden Fresh**  
\$12.19  
Vegetarian  
Delivery Fee Applies  
Add to Cart

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Menu Cart









## Your Cart



Your oven is empty

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## Your Cart

| Image   | Pizza       | Price   | Qty | Subtotal |   |
|---|-------------|---------|-----|----------|---|
|  | Margherita  | \$10.99 | 1   | \$10.99  |  |
|  | Pepperoni   | \$12.99 | 1   | \$12.99  |  |
|  | Veggie      | \$11.99 | 1   | \$11.99  |  |
|  | BBQ Chicken | \$13.99 | 1   | \$13.99  |  |

|              |                |
|--------------|----------------|
| Subtotal     | \$49.96        |
| GST (5%)     | \$2.50         |
| <b>Total</b> | <b>\$52.46</b> |

### Select Payment Method

☒ Credit Card









































Thank you! Your order is confirmed.

#### Order Summary

|         |             |
|---------|-------------|
| Order # | PPZ12345    |
| Total   | \$36.72     |
| Payment | Credit Card |

[Back to Menu](#)

Admin Product Management

| Item ID  | Name              | Price (\$) | Date of Launch  | Category       | Free Delivery                       | Delete  |
|----------|-------------------|------------|---|----------------|-------------------------------------|---|
| PIZZO-01 | Margherita        | 10.99      | 15-01-2023    | Vegetarian     | <input checked="" type="checkbox"/> |    |
| PIZZO-02 | Pepperoni         | 12.99      | 10-02-2023    | Non-Vegetarian | <input type="checkbox"/>            |    |
| PIZZO-03 | Veggie            | 11.99      | 05-03-2023    | Vegetarian     | <input checked="" type="checkbox"/> |    |
| PIZZO-04 | BBQ Chicken       | 13.99      | 20-04-2023    | Non-Vegetarian | <input type="checkbox"/>            |    |
| PIZZO-05 | Hawaiian          | 12.49      | 10-05-2023    | Non-Vegetarian | <input checked="" type="checkbox"/> |    |
| PIZZO-06 | Four Cheese       | 13.49      | 01-06-2023    | Vegetarian     | <input type="checkbox"/>            |    |
| PIZZO-07 | Meat Lovers       | 15.99      | 20-06-2023    | Non-Vegetarian | <input checked="" type="checkbox"/> |    |
| PIZZO-08 | Spinach Alfredo   | 12.29      | 05-07-2023    | Vegetarian     | <input type="checkbox"/>            |    |
| PIZZO-09 | Buffalo Chicken   | 14.49      | 18-07-2023    | Non-Vegetarian | <input checked="" type="checkbox"/> |    |
| PIZZO-11 | Tandoori Paneer   | 13.29      | 15-08-2023    | Vegetarian     | <input type="checkbox"/>            |    |
| PIZZO-12 | Sausage & Peppers | 13.99      | 01-09-2023   | Non-Vegetarian | <input checked="" type="checkbox"/> |   |
| PIZZO-13 | Pesto Veggie      | 12.79      | 15-09-2023  | Vegetarian     | <input type="checkbox"/>            |  |
| PIZZO-14 | Mexican Fiesta    | 14.29      | 01-10-2023  | Non-Vegetarian | <input checked="" type="checkbox"/> |  |
| PIZZO-15 | Truffle Mushroom  | 15.49      | 15-10-2023  | Vegetarian     | <input type="checkbox"/>            |  |
| PIZZO-16 | Chicken Supreme   | 14.99      | 01-11-2023  | Non-Vegetarian | <input checked="" type="checkbox"/> |  |
| PIZZO-17 | Paneer Tikka      | 13.49      | 15-11-2023  | Vegetarian     | <input checked="" type="checkbox"/> |  |
| PIZZO-18 | Seafood Special   | 16.99      | 01-12-2023  | Non-Vegetarian | <input type="checkbox"/>            |  |
| PIZZO-19 | Classic Cheese    | 9.99       | 15-12-2023  | Vegetarian     | <input checked="" type="checkbox"/> |  |
| PIZZO-20 | Garden Fresh      | 12.19      | 01-01-2024  | Vegetarian     | <input type="checkbox"/>            |  |

Add new item







Save

Go to Menu

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MenuCartView OrdersLogout

Your Cart

| Image   | Pizza           | Price   | Qty | Subtotal |   |
|---|-----------------|---------|-----|----------|---|
|  | Veggie          | \$11.99 | 1   | \$11.99  |  |
|  | Pepperoni       | \$12.99 | 1   | \$12.99  |  |
|  | Tandoori Paneer | \$13.29 | 1   | \$13.29  |  |

Subtotal

\$38.27

GST (5%)

\$1.91

Total

\$40.18

Select Payment Method

☒ Credit Card

☐ UPI

☐ Cash on Delivery

Pizzo

MenuCartView OrdersLogout

| Order Details    |                 |          |       |             |
|------------------|-----------------|----------|-------|-------------|
| Order ID         | Item Name       | Quantity | Price | Total Price |
| ORD1753071248102 | Margherita      | 1        | 10.99 | \$50.88     |
|                  | Pepperoni       | 1        | 12.99 |             |
|                  | Veggie          | 1        | 11.99 |             |
|                  | Hawaiian        | 1        | 12.49 |             |
| ORD1753071453256 | Margherita      | 1        | 10.99 | \$50.88     |
|                  | Pepperoni       | 1        | 12.99 |             |
|                  | Veggie          | 1        | 11.99 |             |
|                  | Hawaiian        | 1        | 12.49 |             |
| ORD1753071524392 | Seafood Special | 1        | 16.99 | \$28.33     |
|                  | Classic Cheese  | 1        | 9.99  |             |



# Payment

Card Number:

1234567890123456

Expiry Date:

December, 2025

CVV:

678

Pay

Payment successful! Thank you for your order.