



## Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

### Student Kit

#### Cuisine Popular and festival (YumYard : Food ordering site)

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##### Objective

The aim is to develop a dynamic food delivery platform that connects local food vendors with customers, enabling users to order a variety of dishes, including traditional and festive cuisine. The system will showcase festival-specific menus during relevant periods, support vendor management, and ensure seamless ordering, delivery tracking, and payment processing to enhance the local food ecosystem.

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##### Requirements Specification (RS) :-

Sr No.	Requirement	Essential/Desirable	Description	Remarks
RS1	User Registration & Login	Essential	Allow users to register and login using email and password.	Includes logout functionality .
RS2	Vendor Registration	Essential	Allow local vendors to register on the platform to list their food items.	Sends registration notification email to admin.
RS3	Browse Food Items	Essential	Users can browse and search for food items from various vendors.	Includes festival-specific food listing.
RS4	Add to Cart	Essential	Users can add food items to their cart and manage quantities.	
RS5	Place Order	Essential	Users can place an order after adding items to the cart.	
RS6	Payment Integration (Razorpay)	Essential	Secure online payments via Razorpay integration.	Includes payment confirmation callback.

RS7	Festival-Based Food Menu	Desirable	Vendors can tag food items as festival-specific; featured during relevant seasons.	
RS8	Email Notifications	Desirable	Send confirmation emails for vendor registration.	

## Database Fields Specification :-

### Item Table

No.	Field Name	Range of Valid Values for the Field	Remarks
1	Item_ID	Unique Identifier/ Auto-increment integer	Primary field
2	Item_Name	Up to 100 characters	Name of the food item
3	Description	Free Text	Item Details
4	Price	Positive float	Price in ₹ or chosen currency
5	Image	Image file	Stored in items/ folder
6	Vendor	Foreign key to Vendor	Can be null/blank if vendor deleted

## Order Table

No.	Field Name	Range of Valid Values for the Field	Remarks
1	Order_ID	Unique Identifier/ Auto-increment integer	Primary field
2	User	FK to CustomUser	User placing the order
3	Status	String (Confirmed, Shipped, Delivered, etc.)	
4	Created_at	DateTime	Auto-set on order creation
5	Updated_at	DateTime	Auto-updated on order modification
6	Total_amount	Positive float	Total cost of the order

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## High Level/Detailed Design (HLD/DD)

### Overview of the system

- **User:**
  - Account Registration
  - Vendor Registration
  - Browse Food items
  - Add to Cart
  - Place order
  - Payment Integration
  - Logout

- **Admin:**
  - Admin Login
  - Manage Customer Accounts
  - Update Food Items
  - CRUD operation on item data
  - Present on Django admin
  - Logout

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**Test Plan (TP) :-**

Se No.	Test Case Title	Description	Expected Result	Requirement in RS Table	Results
1	User Registration & Login	Test user registration, login, and logout functionalities.	Users can register, log in, and log out successfully	RS_1	Passed
2	Vendor Registration	Test vendor registration and email notification to admin.	Vendors can register; admin receives notification..	RS_2	Passed
3	Browse Food Items	Test browsing and searching of food items.	Users can browse all items and search across vendors.	RS_3	Passed
4	Add to Cart	Test adding food items to the cart and quantity management.	Items are added and quantities can be managed.	RS_4	Passed
5	Place Order	Test order placement flow from cart to confirmation.	Test order placement flow from cart to confirmation.	RS_5	Passed
6	Payment via Razorpay	Test Razorpay integration for secure payments and callback handling..	Payments are processed securely with confirmation	RS_6	Passed
7	Festival-Based Food Menu	Test tagging of items as festival-specific and their visibility during festivals.	Festival-tagged items are highlighted in relevant seasons.	RS_7	Passed
8	Notification System	Test the notification system for Vendor registration	Admin receives mail .	RS_8	Passed