

ASSIGNMENT NO.: 17

Title:

Full Stack Food Delivery Website (using MERN)

Purpose / Use:

The purpose of this project is to **develop a full-stack food delivery web application** that allows users to browse food items, add them to a cart, place online orders, and make secure payments. It also enables administrators to manage menu items and track customer orders.

Technology Stack:

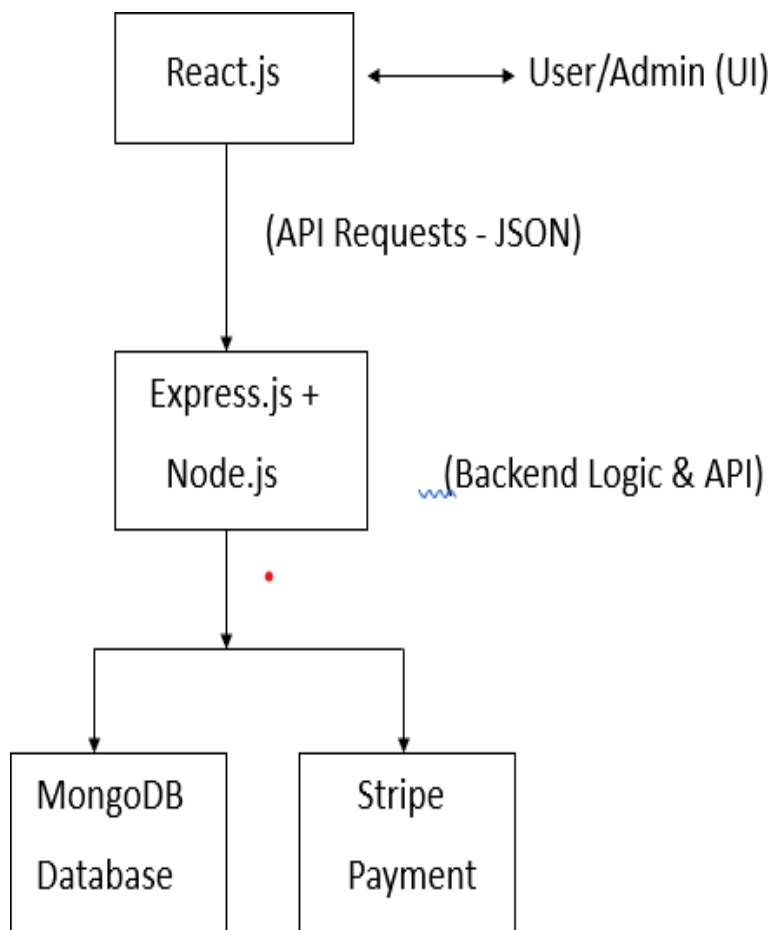
Layer	Technology Used	Purpose
Frontend	React.js	UI design, routing, state management, dynamic rendering
Backend	Node.js + Express.js	REST API development, business logic, server-side handling
Database	MongoDB (NoSQL)	Stores users, menu items, cart, orders
Payment	Stripe	Handles secure online transactions
Stack	MERN (MongoDB, Express, React, Node)	Full-stack web architecture

Modules in the System:

- 1. **User Module**
 - User registration & login
 - Profile management
 - Order history
- 2. **Admin Module**
 - Add/Edit/Delete food items
 - Manage categories
 - View and track customer orders
- 3. **Menu/Food Module**
 - Display available food items
 - Categorized menu browsing
 - Item details (image, description, price)
- 4. **Cart Module**

- Add/remove items from cart
 - Update quantities
 - Calculate total bill
5. **Order Module**
- Place new orders
 - Track order status (pending, preparing, delivered)
 - Notify user upon completion
6. **Payment Module**
- Integration with Stripe
 - Secure checkout
 - Transaction success/failure handling
7. **Database Module**
- Stores user data, menu, orders, and payment details
 - Ensures persistence and retrieval of data

Architecture Diagram:



OUTPUT:



[Home](#) [Menu](#) [Mobile-app](#) [Contact us](#)



[sign in](#)

Order Your Favourite Food Here

Choose from a diverse menu featuring a delectable array of dishes created with the finest ingredients and culinary expertise. Our mission is to satisfy your cravings and elevate your dining experience, one delicious meal at a time.

[View Menu](#)

Explore our menu

Choose from diverse menu featuring a delectable array of dishes. Our mission is to satisfy your cravings and elevate your dining experience, one delicious meal at a time



Salad



Rolls



Deserts



Sandwich



Cake



Pure Veg



Pasta



Noodles

Top dishes near you



Greek Salad



Veg salad



Clover Salad



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Items	Title	Price	Quantity	Total	Remove
	Greek Salad	\$12	3	\$36	x
	Creamy Pasta	\$16	3	\$48	x

Cart Total

Subtotal	\$84
Delivery Free	\$2
Total	\$86

[PROCEED TO CHECKOUT](#)

If you havr prom ocode , enter it here

[Submit](#)

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Delivery Information

Cart Total

Subtotal \$84

Delivery Free \$2

Total \$86

[PROCEED TO PAYMENT](#)

For Better Experience Download
Delicious Kitchen App



Lorem ipsum dolor sit amet
consectetur adipisicing elit. Optio
odit veniam sit eius atque laborum
amet officiis praesentium et
possimus ad hic minima in, quae
nam temporibus voluptates iure!
Placeat!

COMPANY

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GET IN TOUCH

+1-212-456-7890
contact@deliciouskitchen.com

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My Orders



Greek Salad x 4 ,Vegan Sandwich x 3

\$104.00

Items:2

● Out for delivery

[Track Order](#)



+ Add Items

✓ List Items

✓ Orders

Upload Image



Product name

Type here

Product description

Write content here

Product Category

Salad

Product price

\$20

ADD



+ Add Items

✓ List Items

✓ Orders

Order Page



Greek Salad x 3

Amount: ₹38

Status: Pending

Items: 1

₹38

Out for delivery

Diksha Magdum

Kolhapur,
gdsj,fghj,india,416007
6655443376



Greek Salad x 3, Vegan Sandwich x 2, Vegan Cake x 4

Amount: ₹122

Status: Pending

Items: 3

₹122

Out for delivery

Diksha Magdum

Kolhapur,
Kolhapur,Maharashtra,india,416007
6655443376



All Foods List



Add Items



List Items



Orders

Image

Name

Category

Price

Action



Greek Salad

Salad

\$12

X



Veg salad

Salad

\$18

X



Clover Salad

Salad

\$16

X



Chicken salad

Salad

\$24

X



Lasagna Rolls

Rolls

\$14

X



Peri Peri Rolls

Rolls

\$12

X



Chicken Rolls

Rolls

\$20

X



Veg Rolls

Rolls

\$15

X



Desserts

Desserts

\$16

X