

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

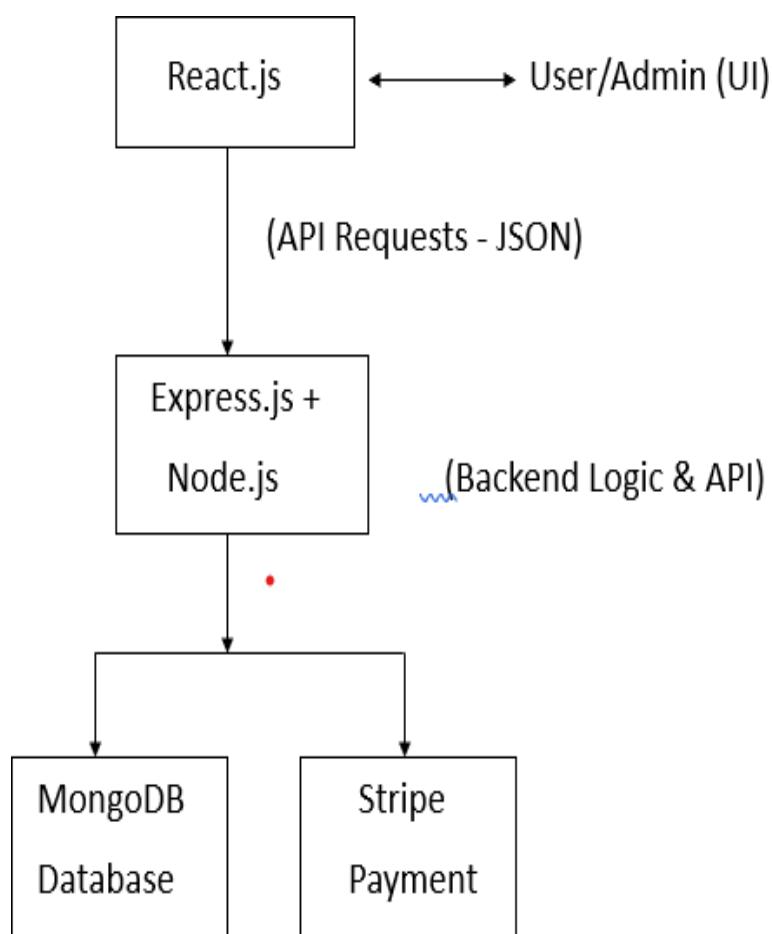
6. Payment Module

- 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:



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[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

If you havr prom ocode , enter it here

promo code

Submit

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

[PROCEED TO CHECKOUT](#)



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Delivery Information

Diksha	Magdum
dikshamagdum15@gmail.com	
Kolhapur	
Kolhapur	Maharashtra
416007	india
7744418802	

Cart Total

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

[PROCEED TO PAYMENT](#)

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Delicious Kitchen App



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COMPANY

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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,fghf,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
	Dessert	Dessert	\$14	X