

BATCH-ID: LTVIP2026TMIDS73441

ORDER ON THE GO: YOUR ON-DEMAND FOOD ORDERING SOLUTION

1. Introduction

Project Title: OrderOnTheGo - Your On-Demand Food Ordering Solution
Team:

- Soddala Venkata Vijayendra
- Telidela Priya Rishitha
- Tamatam Gnaneswar Reddy
- Yaddalapudi Chenchusravanthi
- Thunti Subbarathna

2. Project Overview

Purpose:

OrderOnTheGo is a full-stack MERN application that simplifies food ordering. It allows users to browse a rich menu, filter based on food categories, add items to the cart, and checkout with cash or UPI. Admins can manage orders, users, and menu items.

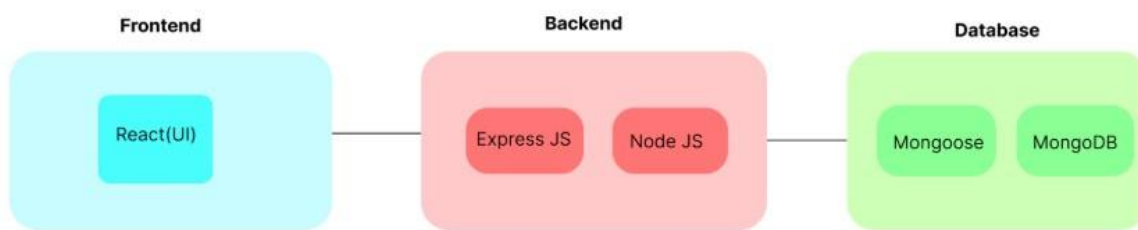
Key Features:

- User registration/login
- Product listing with filters
- Add to cart and place order
- Payment options: Cash on Delivery & UPI
- User profile with order tracking
- Admin dashboard to manage users, products, and orders

Architecture Frontend:

- React.js (Functional Components)
- React Router for routing

- Context API for cart management
- CSS for styling **Backend:**
- Node.js with Express.js
- RESTful APIs
- Authentication logic (simple session-based) **Database:**
- MongoDB
- Mongoose for ODM
- Collections: Users, Products, Orders, Admin



4. Setup Instructions

Prerequisites:

- Node.js v18+
- MongoDB (Atlas or local)
- Git

Installation:

1. Clone the repository:

<https://github.com/vijaysoddala/OrderOnTheGo-Your-On-Demand-Food-Ordering-Solution>

2. Navigate to backend and install dependencies:

`cd server`

`npm install`

3. Navigate to frontend and install dependencies:

`cd ../client`

`npm install`

4. Set up MongoDB connection string in server/.env

5. Folder Structure

Client (React):

client/ src/ pages/ # Contains cart, login, register, productlist, etc.

components/ # Header, Navbar

context/ # Cart context assets/images

Food images and logo

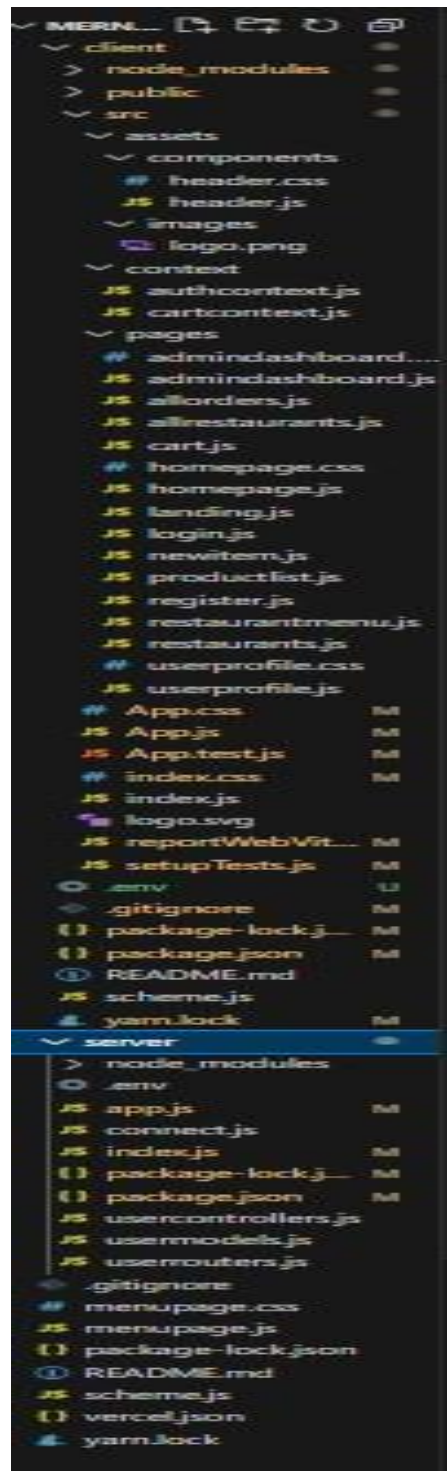
Server (Node + Express):

server/

index.js # Server entry point

models/ # Mongoose schemas

routes/ # API route handlers



6. Running the Application Frontend:

cd client npm start

Backend: cd server node

index.js or node app.js

7. API Documentation

- **GET** /api/products: Fetch all food items
- **POST** /api/register: Register user
- **POST** /api/login: Login user
- **POST** /api/cart: Add to cart
- **POST** /api/orders: Place order
- **GET** /api/orders/: userId: Get user orders

8. Authentication

- Simple login logic with localStorage token simulation
- Only authenticated users can access cart and profile
- Admin routes restricted

9. User Interface ☐

Responsive design

- Category filters (Starters, Main Course, etc.)
- Cart summary with price
- Profile page showing order history and user info

10. Testing

- Manual testing of all routes
- UI testing on Chrome

11. Screenshots or Demo

- **Landing Page:** Displays full menu
- **Cart Page:** Shows added items and total
- **Login/Register:** For user accounts
- **Admin Dashboard:** View all orders, users



React App

SmartInternz


vijaysoddala/OrderOnTheGo-Vi


localhost:3000


SB Foods


Search Restaurants, cuisine, etc.


Login

Breakfast


Biryani


Pizza


Noodles


Burger

Popular Restaurants









26°C Mostly clear

Search

ENG IN

9:34 PM 2/27/2026

React App

localhost:3000/restaurant/69a192c36536c7acfb85fed8

SB Foods

Search Restaurants, cuisine, etc.

Login

DI Table 9

karkambadi road ,trupati

Filters

Sort By

Popularity

low-price

high-price

Discount

Rating

Food Type

Veg

Non Veg

Beverages

Categories

burger

snacks

beverages

main course

starters

salad

pizza

pasta

dessert


meats

biryani

dosa

idly


All Items



Grilled Chicken Steak

₹ 288.320


Add item



Fresh Mushroom Soup

₹ 171.160


Add item



Garlic Butter Prawns

₹ 315.350


Add item



Veg Alfredo Pasta

₹ 244.260


Add item



Noodles

₹ 188.320


Add item



Beverages

₹ 120.160


Add item



Biryani

₹ 315.350

Add item



Dosa

₹ 244.260

Add item

SB Foods

Search Restaurants, cuisine, etc.

Login

Register

Username
soddalevjay@gmail.com

Email address

Password

User type

Sign up

Already registered? Login

SB Foods

Search Restaurants, cuisine, etc.

Login

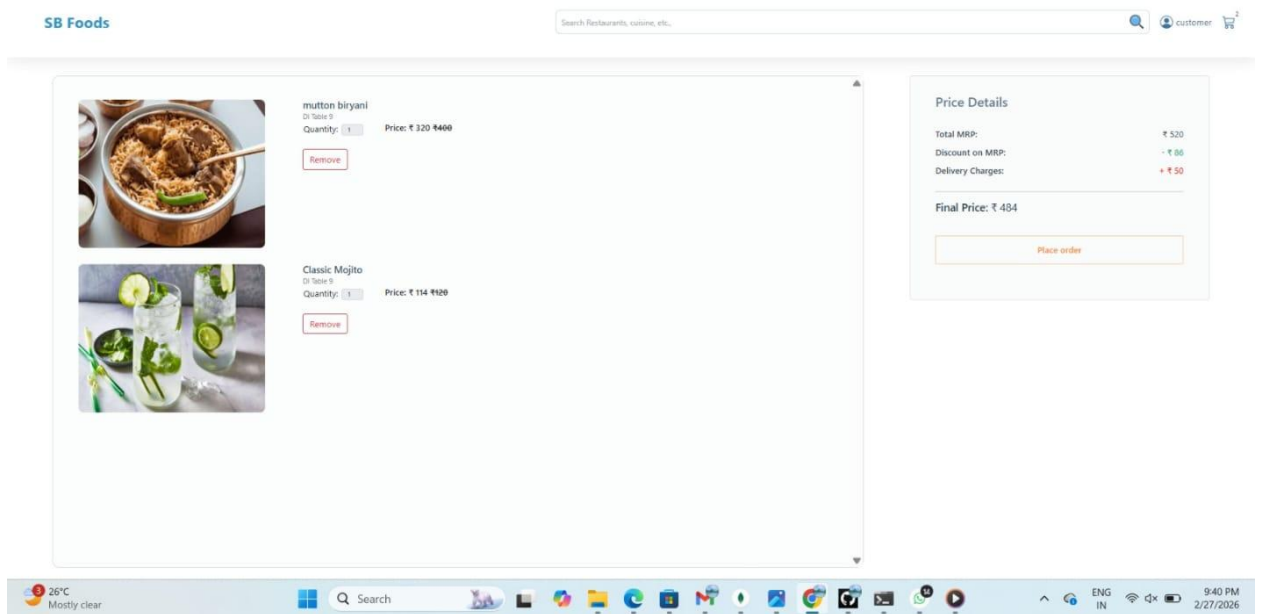
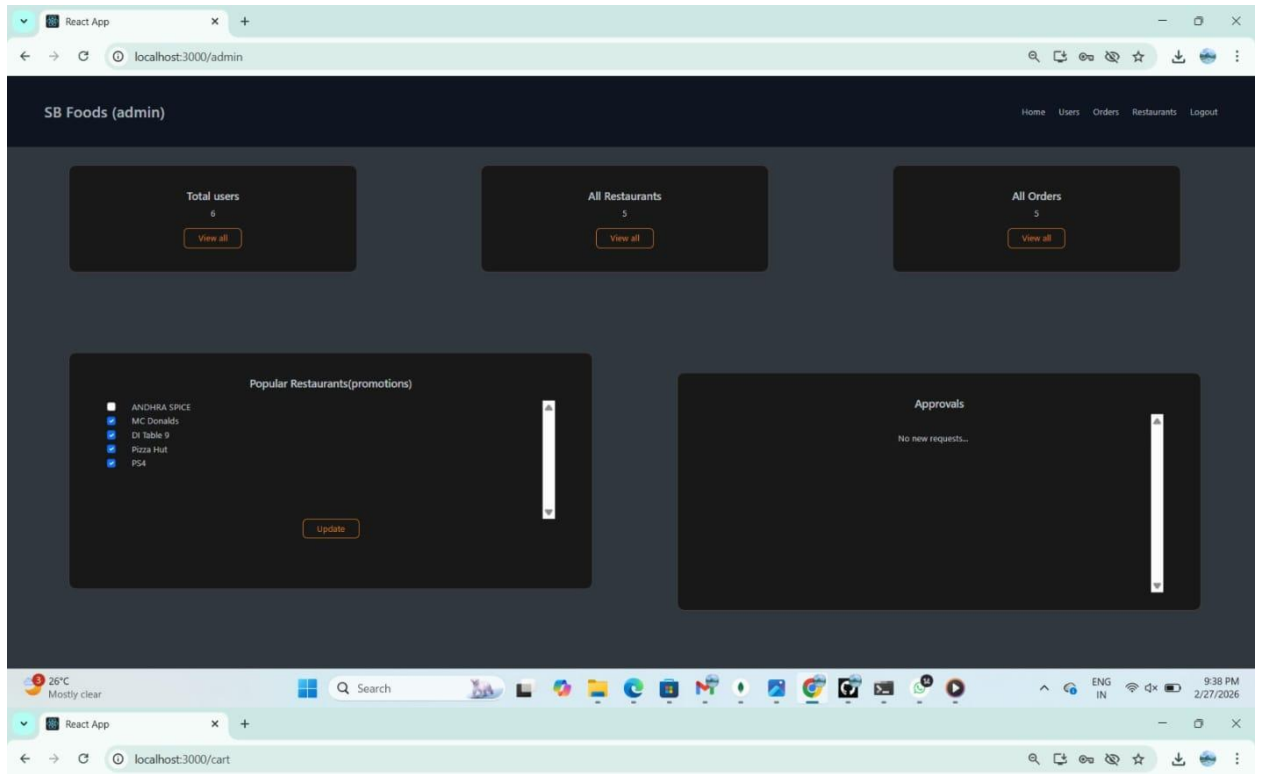
Login

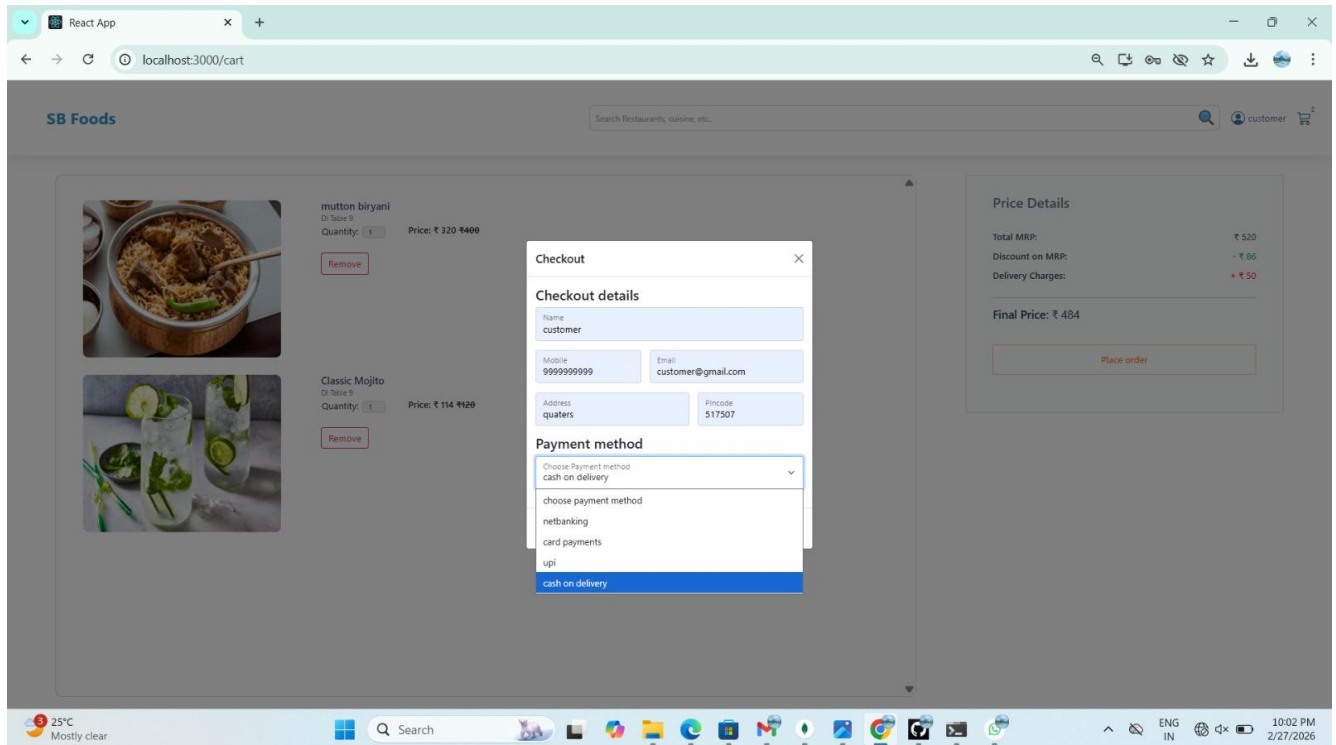
Email address
customer@gmail.com

Password

Sign in

Not registered? Register





12. Known Issues

- No persistent login (uses frontend logic only)
- No image upload for new items

13. Future Enhancements

- JWT-based authentication
- Restaurant onboarding module
- Dynamic image uploads
- Delivery partner integration
- PWA support for mobile ordering

Happy Ordering with OrderOnTheGo!