

BATCH-ID: LTVIP2026TMIDS73441

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

1. Introduction

Project Title: OrderOnTheGo - Your On-Demand Food Ordering
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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.

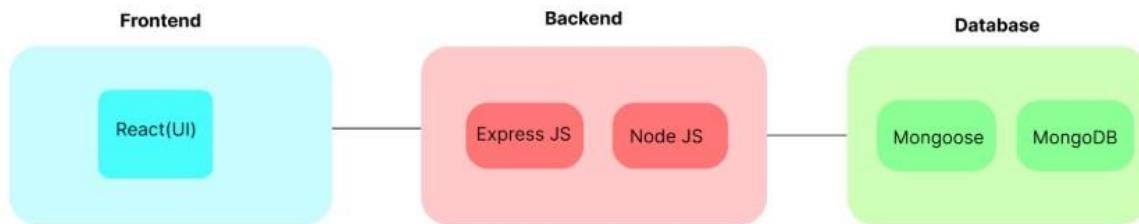
Key Features:

- 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

```
✓ MERN [4 27 0 0]
  ✓ client
    > node_modules
    > public
    ✓ src
      ✓ assets
        ✓ components
          # header.css
          JS header.js
        ✓ images
          IC logo.png
      ✓ context
        JS authcontext.js
        JS cartcontext.js
      ✓ pages
        # admindashboard....
        JS admindashboard.js
        JS allorders.js
        JS allrestaurants.js
        JS cart.js
        # homepage.css
        JS homepage.js
        JS landing.js
        JS login.js
        JS newitem.js
        JS productlist.js
        JS register.js
        JS restaurantmenu.js
        JS restaurants.js
        # userprofile.css
        JS userprofile.js
        # App.css
        JS App.js
        JS App.test.js
        # index.css
        JS index.js
        IC logo.svg
        JS reportWebVit...
        JS setupTests.js
  ◉ .env
  ◆ .gitignore
  (1) package-lock.json
  (1) package.json
  (1) README.md
  JS schema.js
  ▲ yarn.lock
  ✓ server
    > node_modules
  ◉ .env
  JS app.js
  JS connect.js
  JS index.js
  (1) package-lock.json
  (1) package.json
  JS usercontrollers.js
  JS usermodels.js
  JS userrouters.js
  ◆ .gitignore
  # menu.page.css
  JS menu.page.js
  (1) package-lock.json
  (1) README.md
  JS schema.js
  (1) vercel.json
  ▲ yarn.lock
```

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

SB Foods

Search Restaurants, cuisine, etc.

Breakfast

Biriyani

Pizza

Noodles

Burger

Popular Restaurants

26°C Mostly clear

React App

localhost:3000/restaurant/69a192c36536c7acf885fed8

Search Restaurants, cuisine, etc.

All Items

DI Table 9
karkambadi road, tirupati

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
- meals
- biryani
- dosa
- idly

Grilled Chicken Steak

₹ 288 300 Add item

Fresh Mushroom Soup

₹ 171 100 Add item

Graic Butter Prawns

₹ 315 350 Add item

Veg Alfredo Pasta

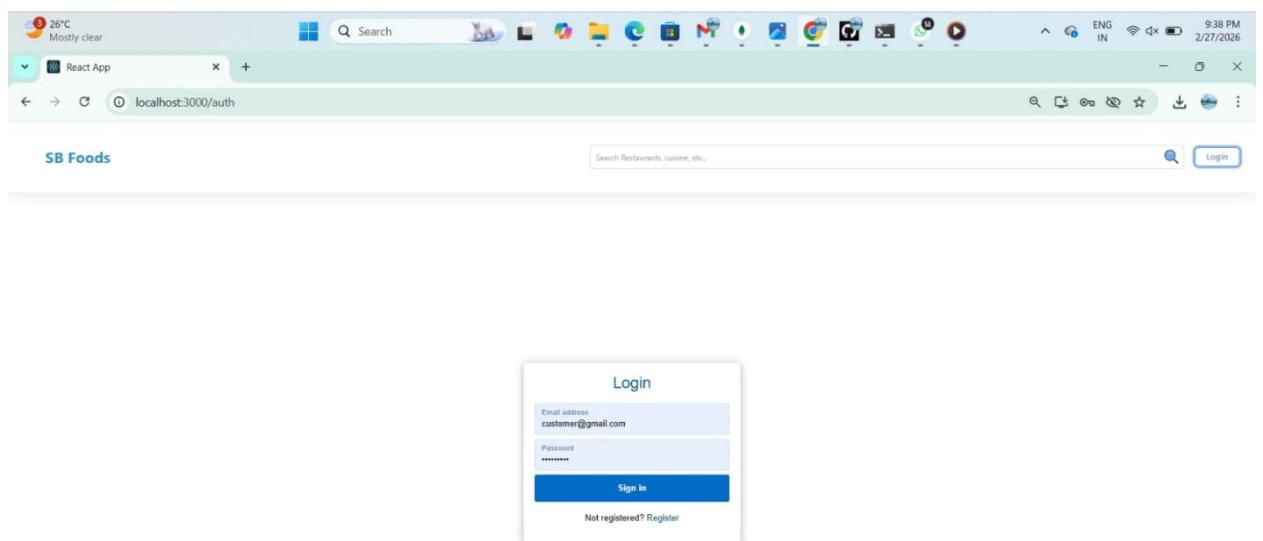
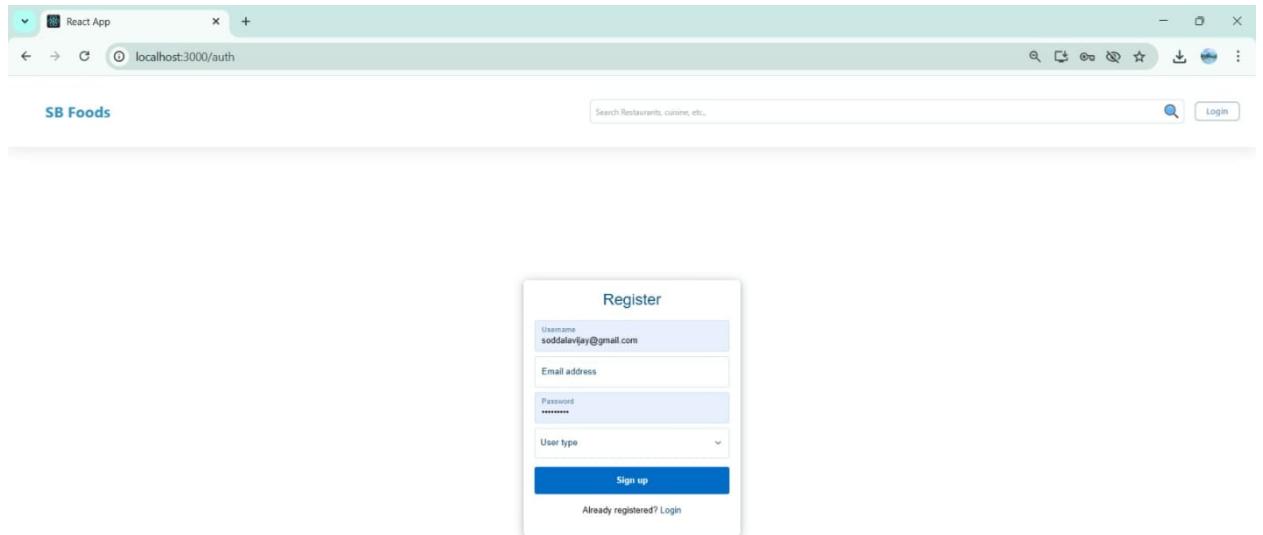
₹ 244 260 Add item

Chicken Biryani

Beef Stroganoff

Lemonade

Spaghetti Carbonara



React App x +

localhost:3000/admin

SB Foods (admin)

Home Users Orders Restaurants Logout

Total users 6 [View all](#)

All Restaurants 5 [View all](#)

All Orders 5 [View all](#)

Popular Restaurants(promotions)

- ANDHRA SPICE
- MC Donalds
- Di Table 9
- Pizza Hut
- PSA

Update

Approvals

No new requests...

26°C Mostly clear

React App x +

localhost:3000/cart

SB Foods

Search Restaurants, cuisine, etc.

Customer

mutton biryani
Di Table 9
Quantity: 1 Remove

Classic Mojito
Di Table 9
Quantity: 1 Remove

Price Details

Total MRP: ₹ 520
Discount on MRP: - ₹ 80
Delivery Charges: + ₹ 50

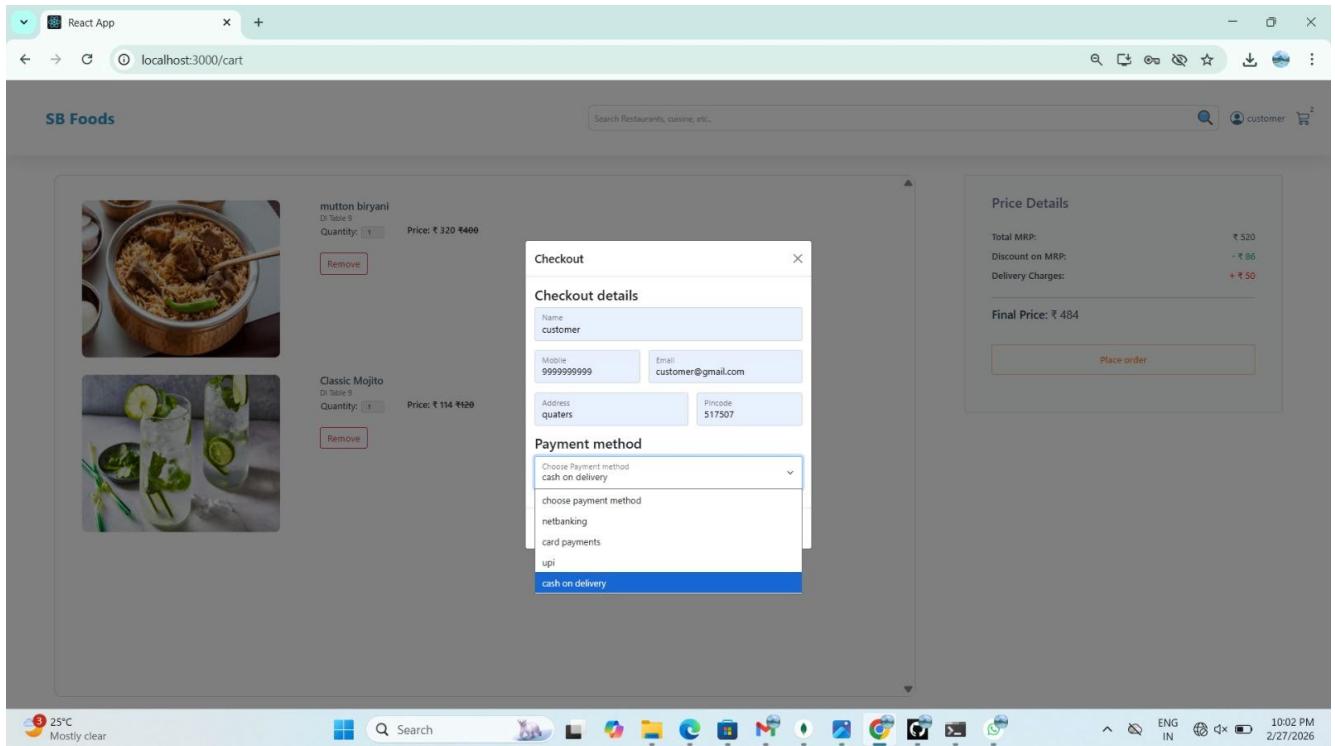
Final Price: ₹ 484

Place order

26°C Mostly clear

React App x +

localhost:3000/cart



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!