

BATCH-ID: LTVIP2025TMID20489

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

1. Introduction

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

Team:

- Niteesha Tunuguntla: Developer (Frontend + Backend+ All)
- Thota Harshitha
- Telluri Santhosh Kumar
- Tarun Venkat Sai

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

3. Architecture

Frontend:

- React.js (Functional Components)

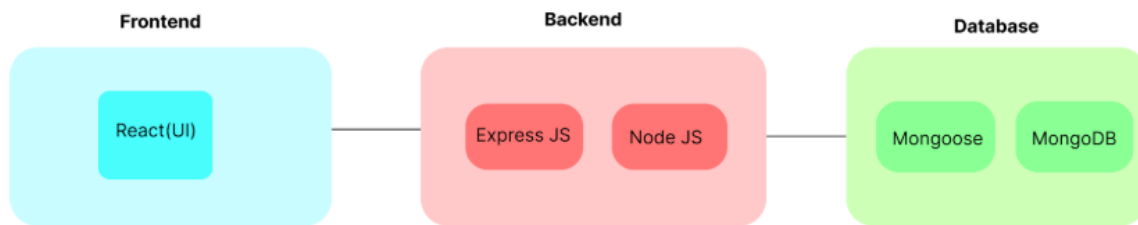
- React Router for routing
- Context API for cart management
- CSS for styling

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/TunuguntlaGouriNiteesha/MERNSTACK-final-project>
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
MONGODB_URI= <https://food-0us6.onrender.com>

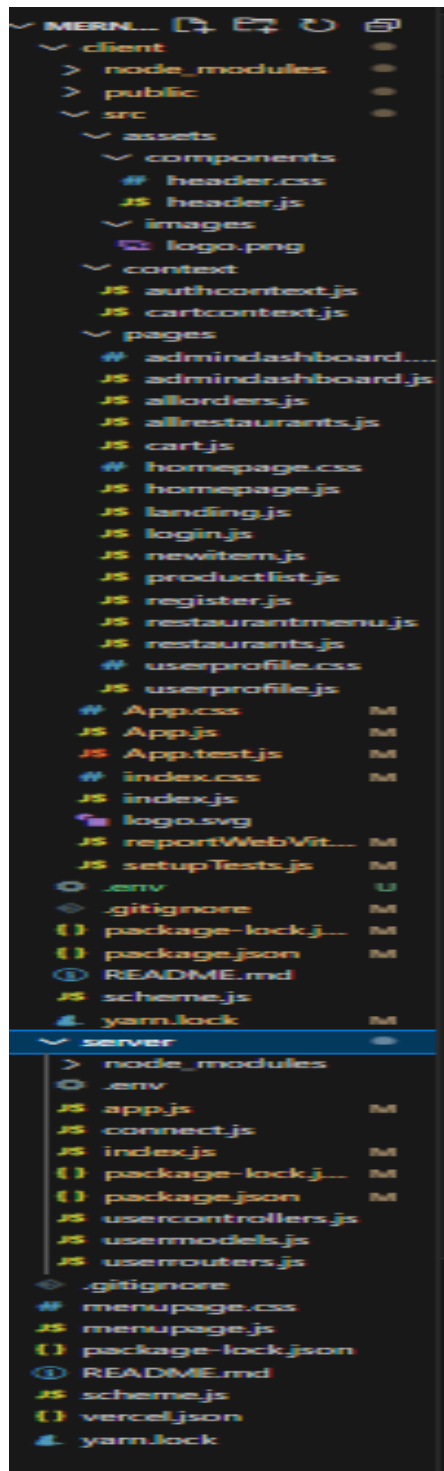
5. Folder Structure

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

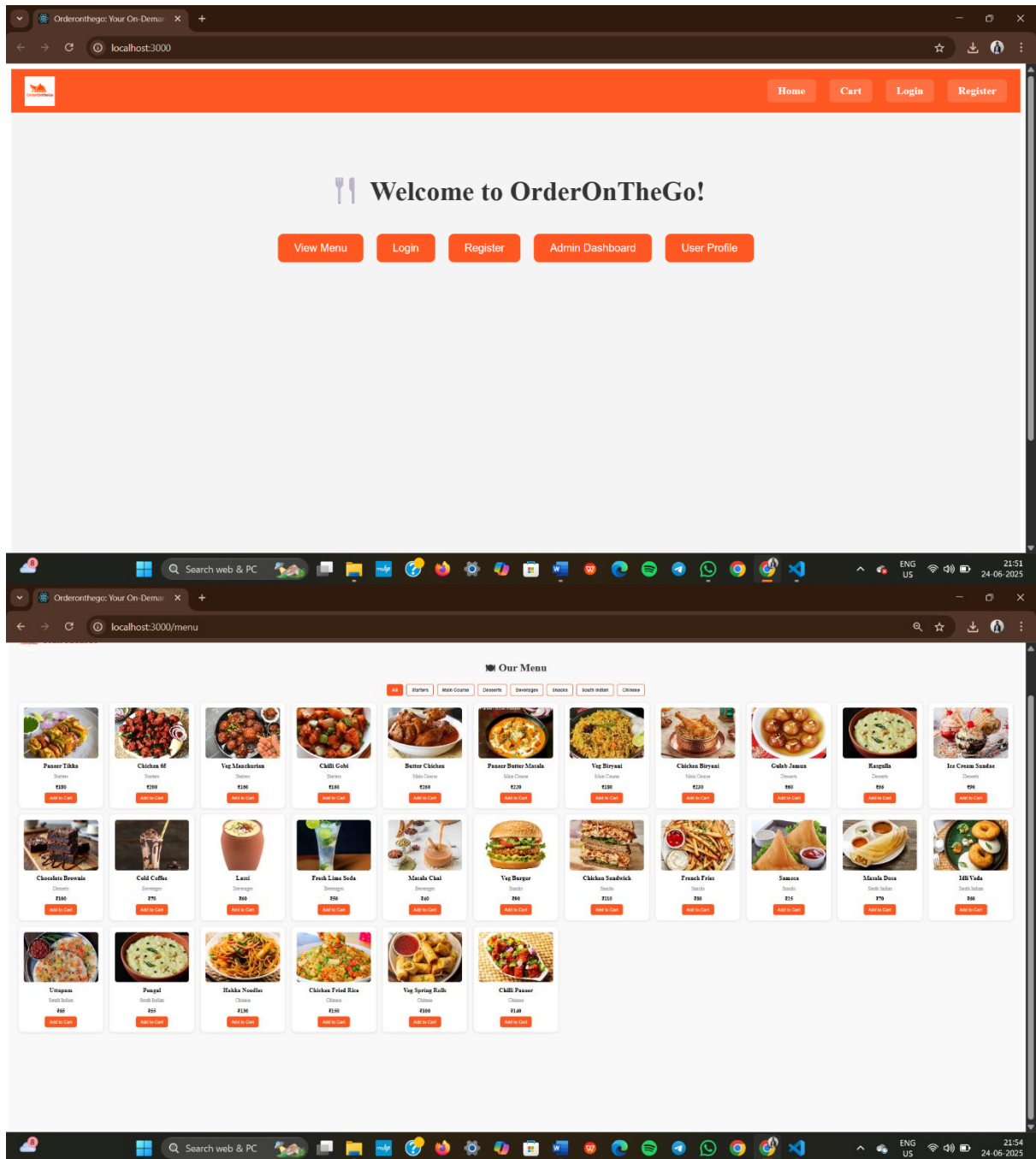
10. Testing

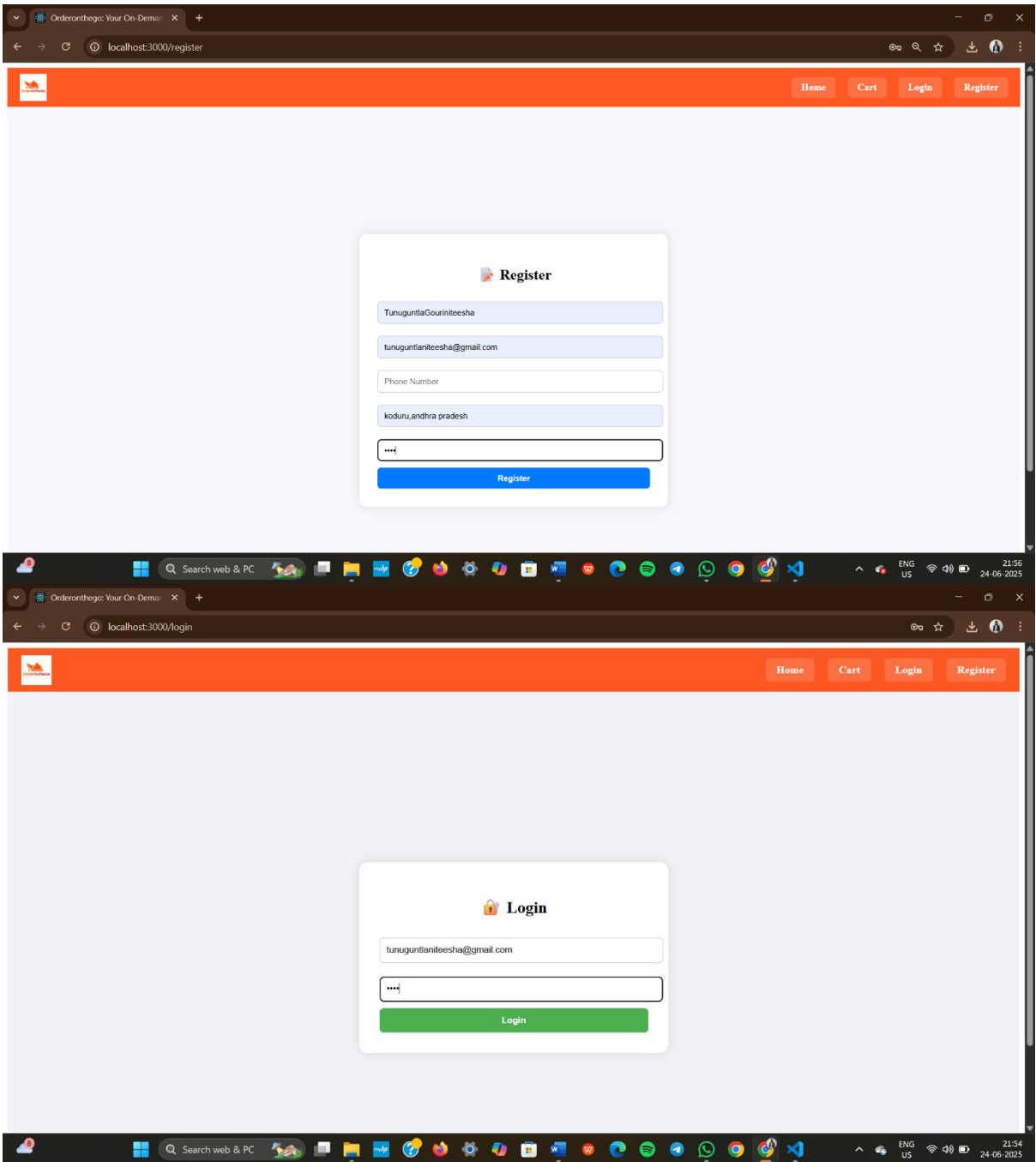
- Manual testing of all routes
- UI testing on Chrome

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





OrderontheGo: Your On-Dem...

localhost:3000/admin

HomeCartLoginRegister

Admin Dashboard

Total Users

15

Restaurants

5

Orders

43

OrderontheGo: Your On-Dem...

localhost:3000/profile

HomeCartLoginRegister


Username: tunuguntlaniteesha

Email: tunuguntlaniteesha@gmail.com

Orders: 1

Logout

Orders



Vanilla Lassi

Andhra Spice

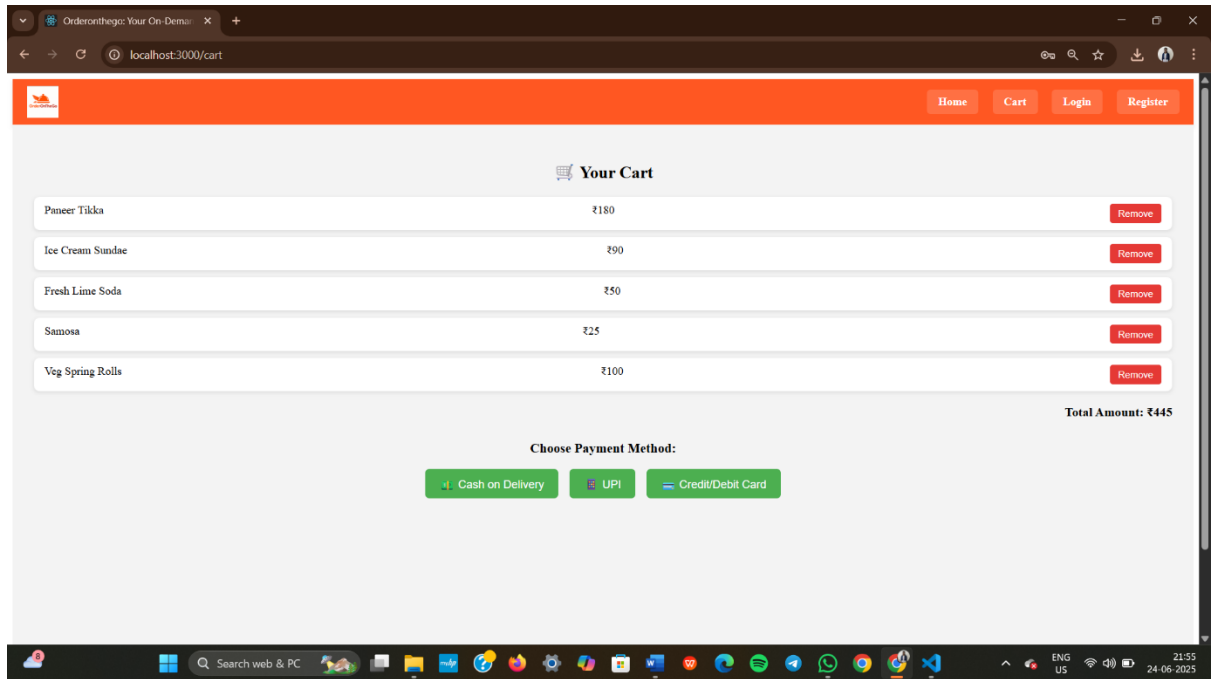
Quantity: 1

Total Price: ₹119 ₹149

Ordered on: 2023-09-01 Time: 14:18

Payment mode: cod

Status: delivered



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!