

Project Development Phase

Date	21 February 2025
Team ID	LTVIP2026TMIDS86089
Project Name	Order On The Go: Your On-Demand Food Ordering Solution
Maximum Marks	

1. Introduction

- Briefly describe the purpose of the development phase.
- State the tech stack (MERN: MongoDB, Express.js, React.js, Node.js).
- Mention your development environment (VS Code, GitHub, MongoDB Atlas, etc.).

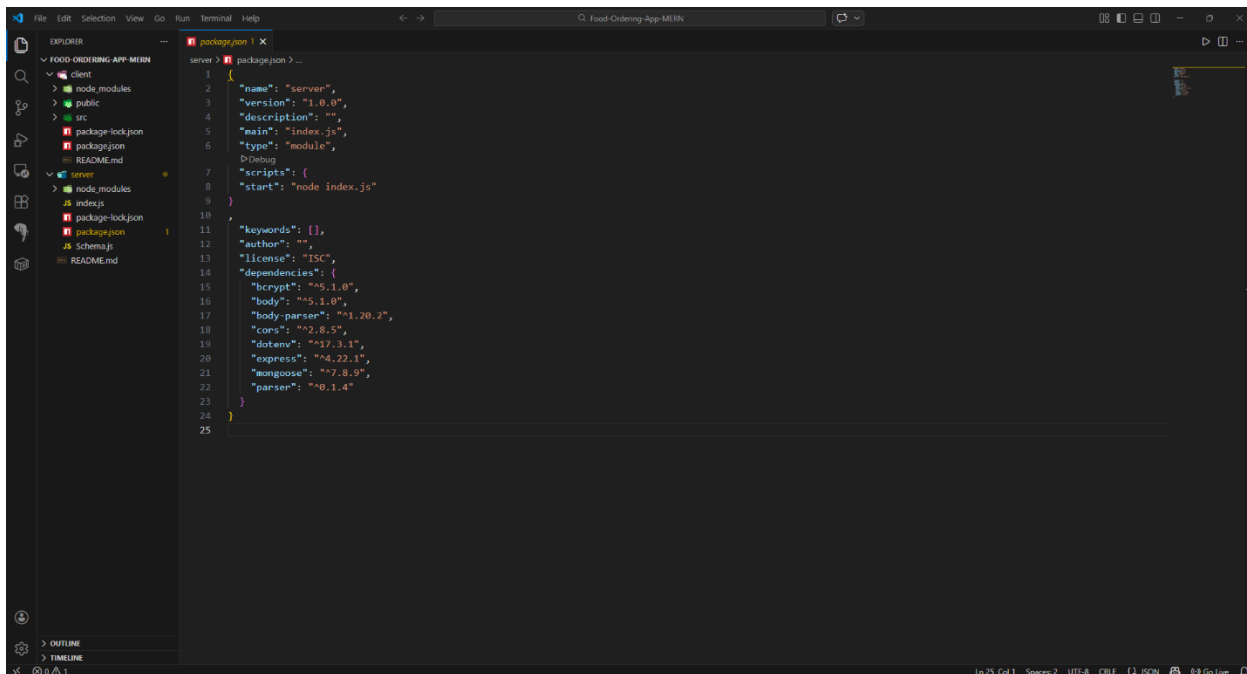
2. Development Setup

- **Tools & Frameworks:** List IDE, version control (Git), libraries used (React Router, Mongoose, etc.).
- **Configuration:** Document npm scripts, environment variables, and backend server setup.
- **Dependencies:** Provide a table of major dependencies (e.g., React, Express, Mongoose, Stripe API).

3. Module Development

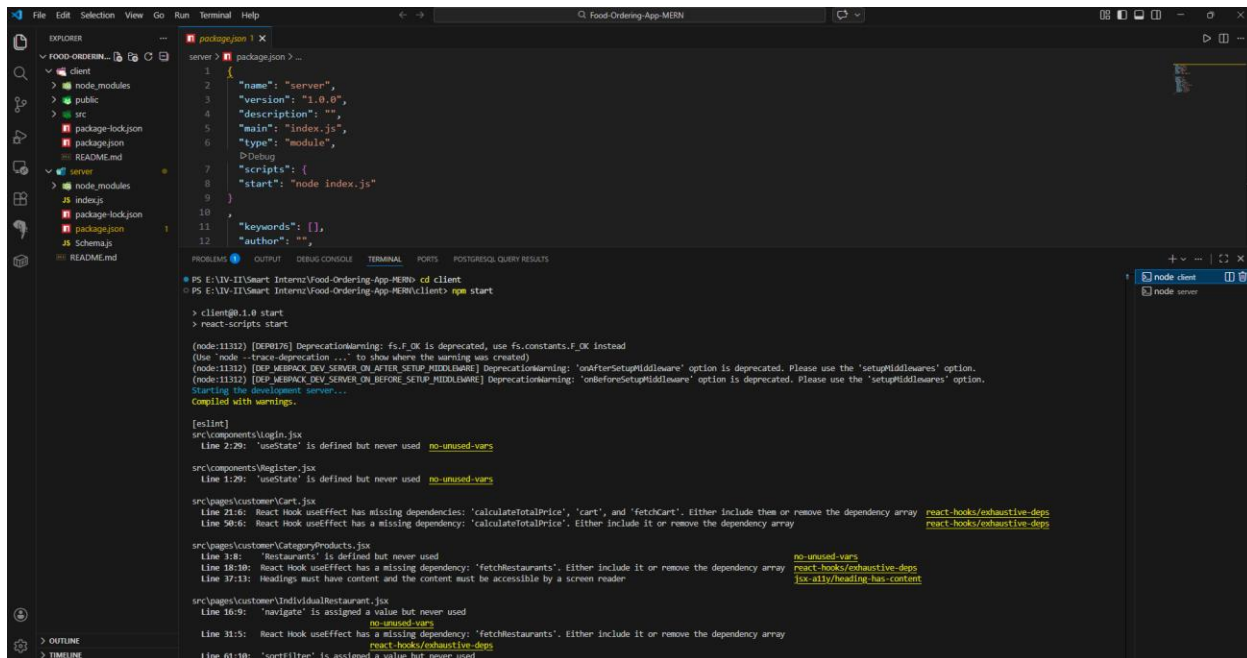
Break down features into modules and explain how you developed them:

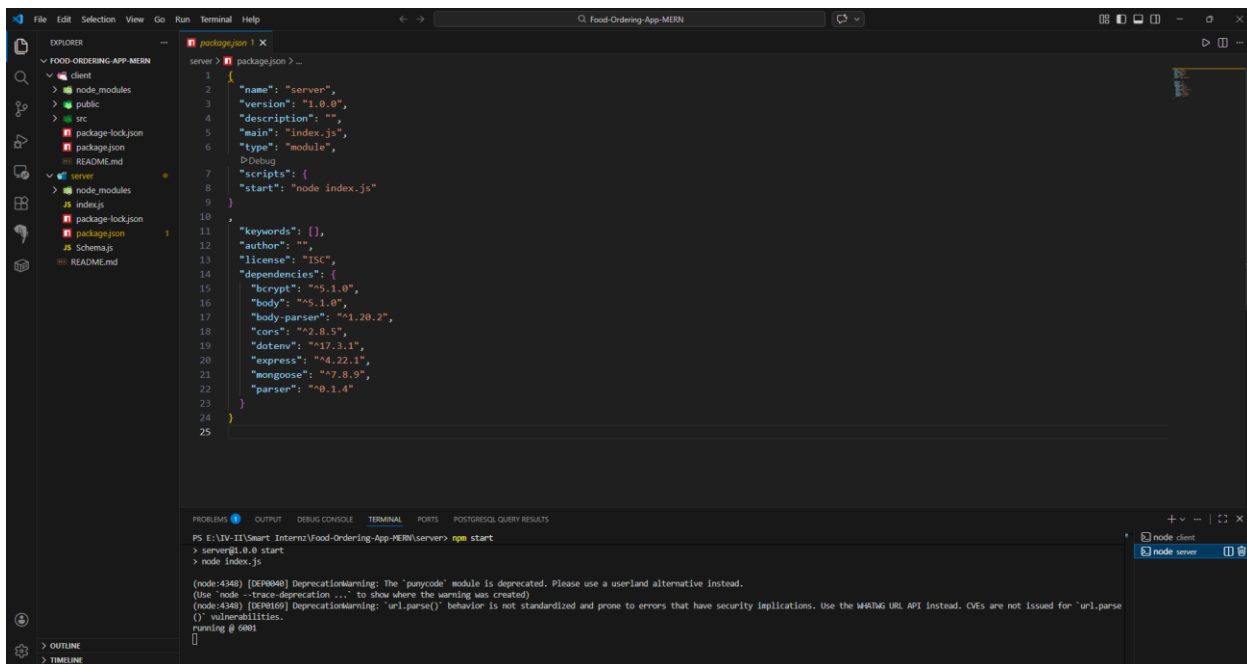
- **User Authentication:** Registration, login, JWT tokens, bcrypt for password hashing.
- **Product Catalog:** Fetching products from MongoDB, displaying with React components.
- **Cart Management:** Add/update/remove items, linked to user ID.
- **Order Placement:** Checkout flow, payment gateway integration.
- **Notifications:** Firebase Cloud Messaging for order updates.
- **Admin Dashboard:** CRUD operations for restaurants/products, order monitoring.



4. Testing

- **Unit Testing:** API endpoints tested with Postman or Jest.
- **Integration Testing:** End-to-end order flow tested.
- **Bug Fixes:** Document major issues (e.g., npm script errors, backend crashes) and how you solved them.





5. Deployment

- **Local Deployment:** Running on localhost with Node.js.
- **Cloud Deployment:** Hosting backend on AWS EC2 / Render, frontend on Netlify/Vercel, database on MongoDB Atlas.
- **CI/CD (optional):** GitHub Actions or manual deployment steps.

6. Screenshots & Evidence

