

Project Design Phase-II Technology Stack (Architecture & Stack)

Date	26 June 2025
Team ID	LTVIP2025TMID51307
Project Name	orderonthego: your on-demand food ordering solution
Maximum Marks	4 Marks

Technical Architecture:

The Deliverable shall include the architectural diagram as below and the information as per the table1 & table 2

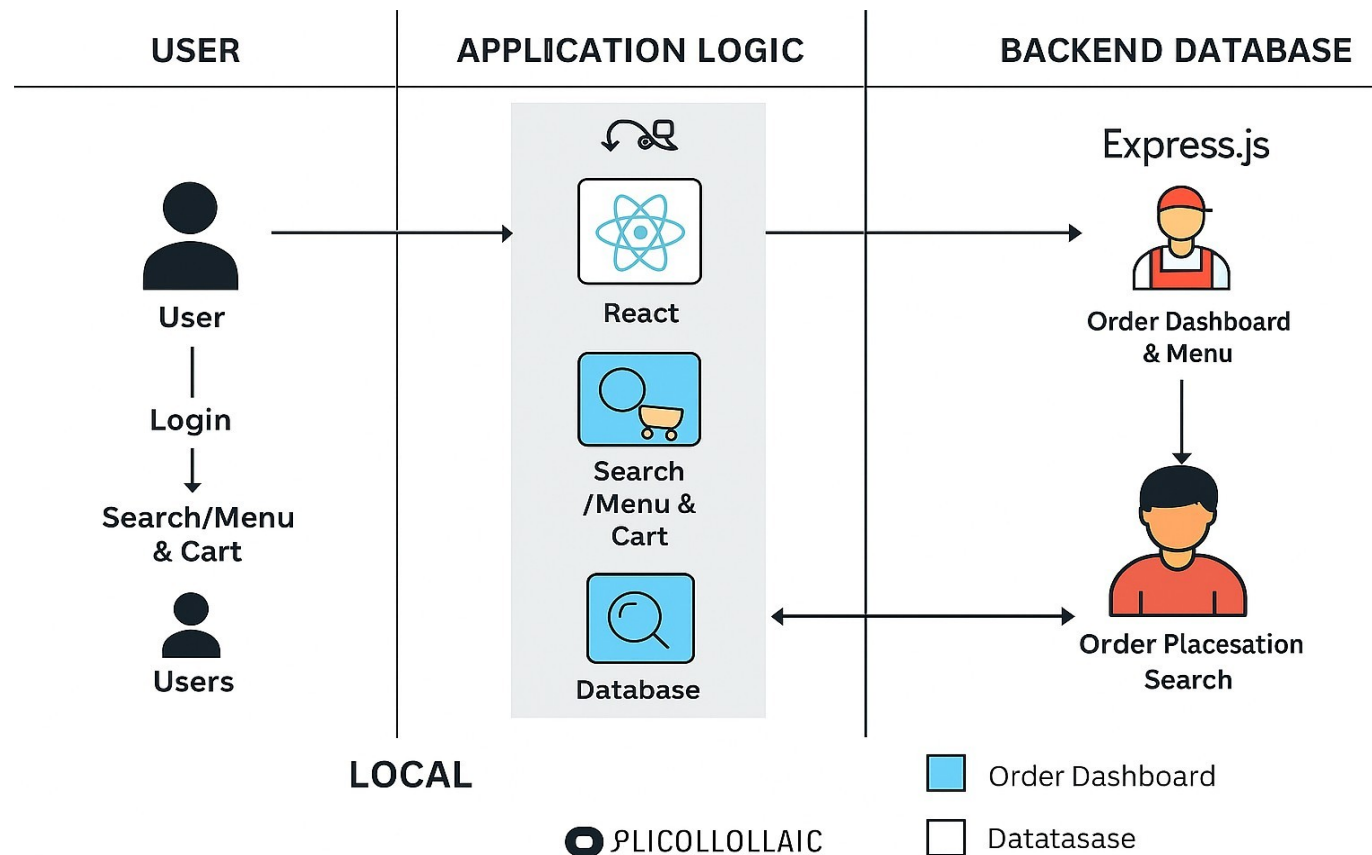


Table-1 : Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	Web UI for food ordering	HTML, CSS, JavaScript,React.js
2.	Application Logic-1	(Frontend to Backend)	React (Axios), Node.js, Express.js
3.	Application Logic-2	(Backend API logic)	Express.js, Node.js
4.	Application Logic-3	(Role-based access)	Express Middleware
5.	Database	Stores users, orders, restaurants	MongoDB (Mongoose)
6.	Cloud Database	(Future Scope)	MongoDB Atlas
7.	File Storage	(User/menu images)	Local now; S3/Firebase in future
8.	External API-1	(e.g. weather/delivery API	Not integrated yet
9.	External API-2	(e.g. payment integration)	Razorpay API (Planned)
10.	Machine Learning Model	(Optional recommender)	Razorpay API (Planned)
11.	Infrastructure (Server / Cloud)	(Hosting)	Render (Frontend + Backend)

Table-2: Application Characteristics:

S.No	Characteristics	Description
1.	Open-Source Frameworks	Based on free & open-source technologies
2.	Security Implementations	File validation, session handling, CORS