

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

Date	4 December 2025
Team ID	
Project Name	FreelanceX -Freelance Finder
Maximum Marks	4 Marks

Technical Architecture:

The Freelance Finder platform follows a flexible and scalable 3-layer architecture, where the frontend handles user interaction, the backend manages all application processes, and the database securely stores system data. This setup ensures smooth performance, strong security, and easy integration with external services such as payment gateways.

Table-1 : Components & Technologies:

Component	Description	Technology
User Interface	Interactive web screens for freelancers and clients to browse jobs, apply, and manage activities.	HTML, CSS, JavaScript / React Js
Application Logic – Part 1	Handles job creation, proposals, user dashboards, and real-time communication.	Node.js, Express.js
Application Logic – Part 2	Manages admin operations such as user monitoring, job oversight, and system notifications.	React js, Node js
Database	Stores all platform information including user records, job posts, proposals, messages, and reviews.	MongoDB

Table-2: Application Characteristics:

Characteristics	Description	Technology
Open-Source Frameworks	Uses lightweight and flexible open-source tools to build	React.js, Node.js, BootStrap

Characteristics	Description	Technology
	responsive UI and strong backend services.	
Scalable Architecture	Built using REST-based API communication and a 3-layer architecture to support growth and feature expansion.	MVC Framework

References:

[React.js Documentation](#)

[Node js Best Practice](#)

[JSON Web Server Reference](#)

<https://medium.com/the-internal-startup/how-to-draw-useful-technical-architecture-diagrams-2d20c9fda90d>