## **Requirement Gathering and Analysis Phase**

## **Solution Architecture**

**Date:**27 July 2025

**Project Name:***FreelanceFinder*

**Team ID:***LTVIP2025TMID58557*

**Solution Architecture:**

*The solution architecture defines the* ***technical vision****,* ***implementation strategy****, and* ***high-level structure*** *of the Freelancer Finder application. It ensures all stakeholders understand how the system will be developed, maintained, and scaled to solve real-world freelancer-client interaction problems.*

*Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. Its goals are to:*

*· Find the best tech solution to solve existing business problems.*

*· Describe the structure, characteristics, behavior, and other aspects of the software to project stakeholders.*

*· Define features, development phases, and solution requirements.*

*· Provide specifications according to which the solution is defined, managed, and delivered.*

## ***Solution Architecture Overview***

# Project Root:

freelancer\_finder/

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├── client/ # React Frontend

│ ├── public/

│ ├── src/

│ │ ├── components/ # FreelancerCard, Navbar, Filters, etc.

│ │ ├── pages/ # Home.jsx, FreelancerProfile.jsx

│ │ ├── App.jsx

│ │ └── index.js

│ └── package.json

│

├── server/ # Node.js Backend

│ ├── controllers/

│ ├── models/ # User.js, Freelancer.js, Project.js

│ ├── routes/ # userRoutes.js, projectRoutes.js

│ ├── config/ # db.js (MongoDB connection)

│ └── index.js

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├── .env

├── README.md

└── package.json

A diagram of a solution

AI-generated content may be incorrect.