

# Project Report – Freelance Finder Application

Date	25 June 2025
Team ID	LTVIP2025TMID59497
Project Name	Freelance Finder
Maximum Marks	50

## 1. INTRODUCTION

### 1.1 Project Overview

Freelance Finder is an online platform designed to connect freelancers with clients for project-based work. It facilitates user registration, job posting, proposal submission, messaging, and secure payments.

### 1.2 Purpose

The purpose of the project is to create a secure, scalable, and user-friendly application that simplifies the process of hiring freelancers and managing freelance work.

## 2. IDEATION PHASE

### 2.1 Problem Statement

Freelancers and clients face fragmented platforms lacking trust, secure payment, and smart job matching. Freelance Finder addresses these pain points with a unified platform.

### 2.2 Empathy Map Canvas

An empathy map was used to capture user thoughts, feelings, needs, and frustrations while interacting with freelance platforms.

### 2.3 Brainstorming

We conducted brainstorming sessions to identify major features including smart matching, milestone tracking, real-time chat, and secure payments.

## 3. REQUIREMENT ANALYSIS

### 3.1 Customer Journey Map

Mapped user flows for both freelancers and clients including onboarding, job management, and post-project feedback.

### 3.2 Solution Requirement

Captured functional and non-functional requirements like registration, messaging, payments, usability, scalability, etc.

### 3.3 Data Flow Diagram

DFD shows data flow between modules like Registration, Job Posting, Proposals, Payments, and Messaging.

### **3.4 Technology Stack**

Frontend: React.js, Tailwind CSS

Backend: Node.js, Express.js

Database: MongoDB

External APIs: Stripe, Cloudinary, SendGrid

## **4. PROJECT DESIGN**

### **4.1 Problem-Solution Fit**

Validated the problem-solution alignment through user feedback and market need analysis.

### **4.2 Proposed Solution**

Outlined the platform's key modules and workflows to solve the freelancer-client collaboration gap.

### **4.3 Solution Architecture**

Designed a 3-tier architecture with frontend, backend, and database layers, integrating third-party services securely.

## **5. PROJECT PLANNING & SCHEDULING**

### **5.1 Project Planning**

Included sprint planning, product backlog, story points, velocity tracking, and burn-down charts.

## **6. FUNCTIONAL AND PERFORMANCE TESTING**

### **6.1 Performance Testing**

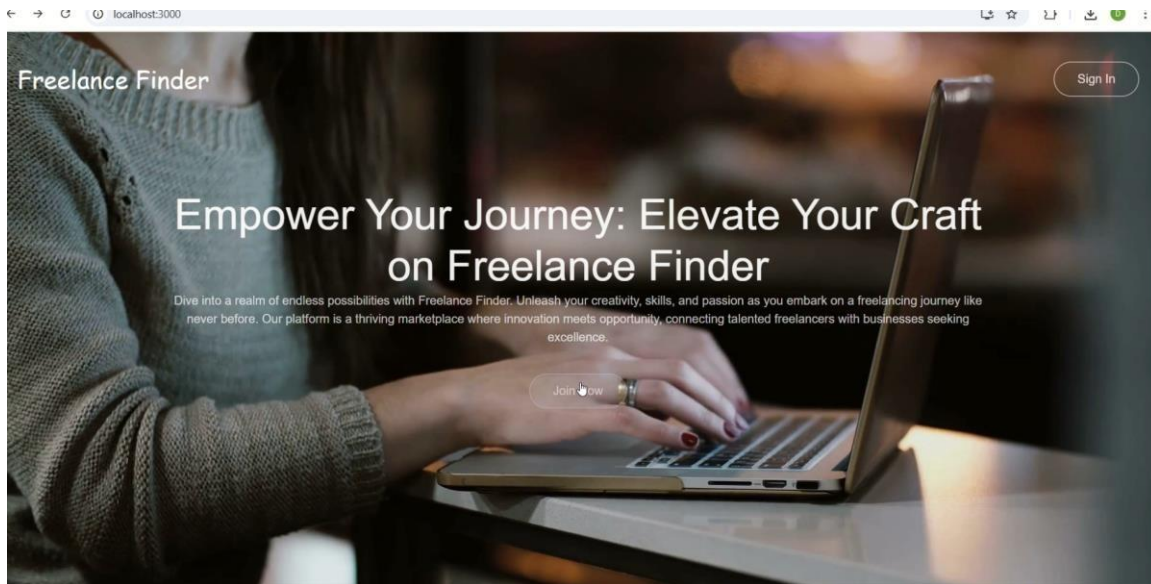
Performance tests ensured consistent load times and successful transactions under multiple concurrent users.

## **7. RESULTS**

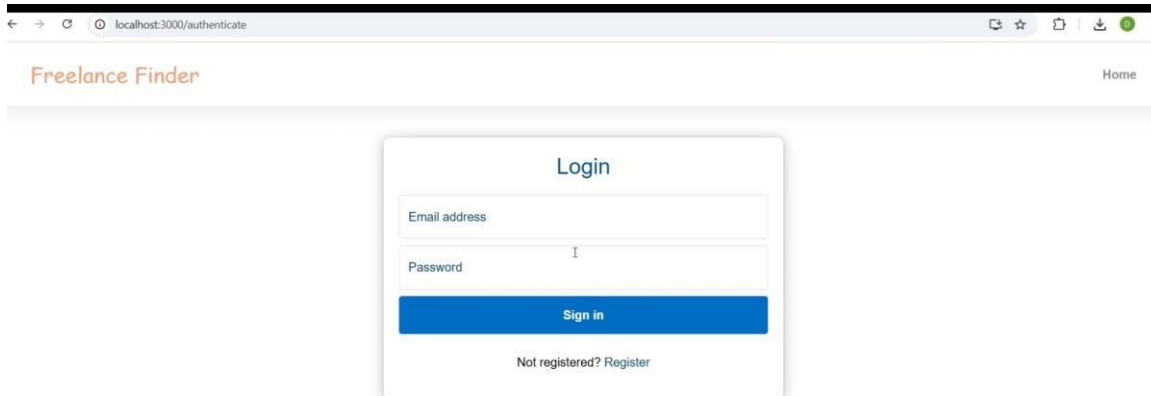
### **7.1 Output Screenshots**

Screenshots of registration, job posting, proposals, messaging, and payment confirmation pages

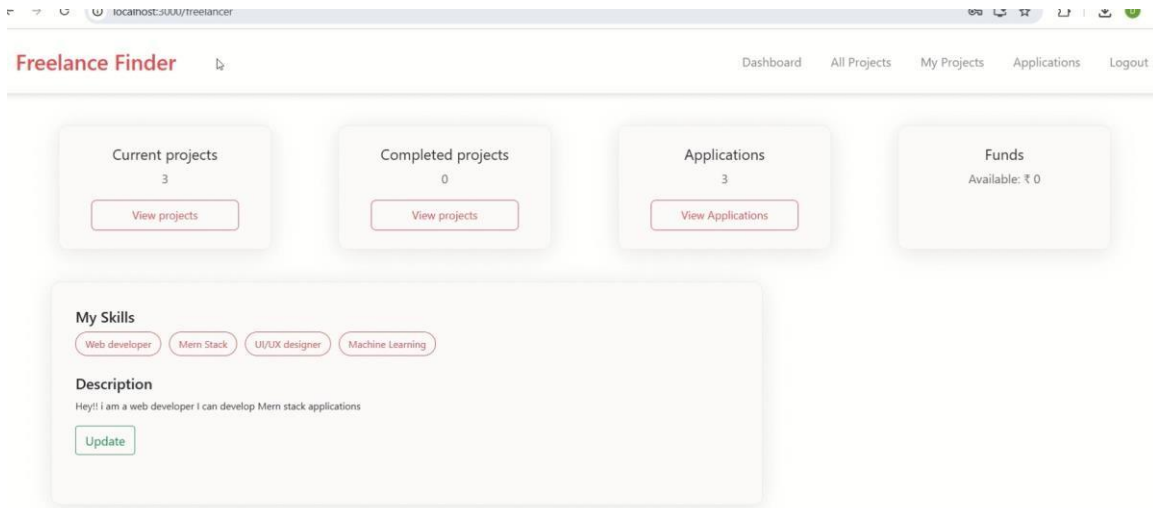
## Home Page:



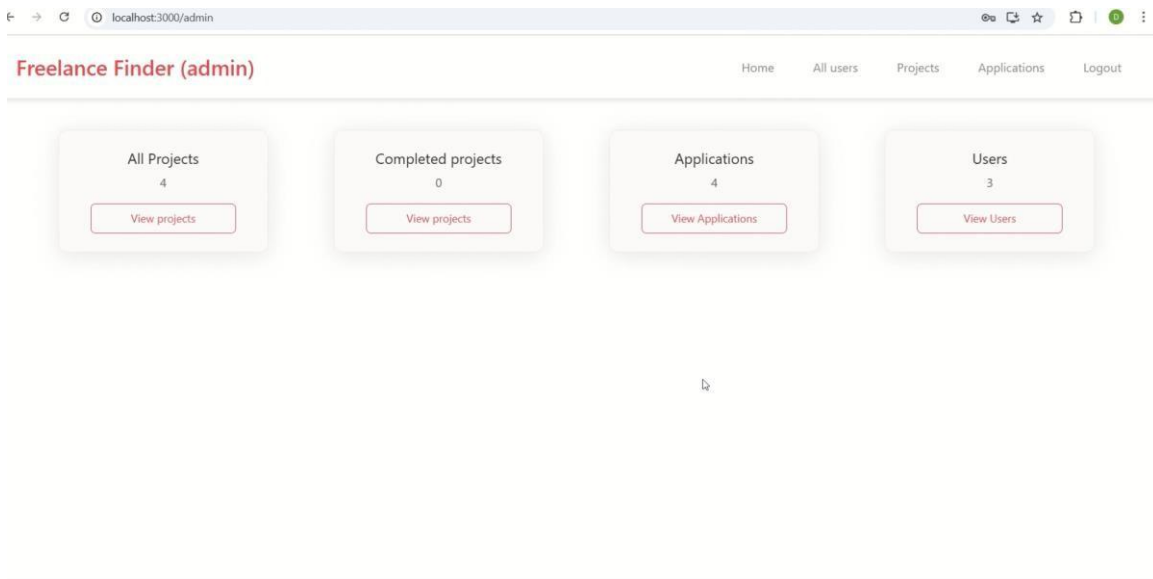
## Login Page:



## Freelancer Dashboard:



## Freelance Finder Admin page:



## Project Submission:

Freelance Finder

DashboardAll ProjectsMy ProjectsApplicationsLogout

house price prediction app

i want a house price prediction app

Required skills

ML

Python

Budget

₹ 600

Submit the project

Project link

Manual link

Describe your work

Submit project

Chat with the client

Hi

09:27 - 09:49:25

helloo

09:27 - 09:53:01

Enter something...

Send

## All Projects:

localhost:3000/all-projects

Freelance Finder

DashboardAll ProjectsMy ProjectsApplicationsLogout

Filters

Skills

☐mern

☒ML

☐Python

☐MERN Stack

☐web development

All projects

web application2

Fri Jun 27 2025 14:21:26

Budget ₹ 700

buspass verification system

mern

0 bids ₹ 0 (avg bid)

house price prediction app

Fri Jun 27 2025 14:03:07

Budget ₹ 600

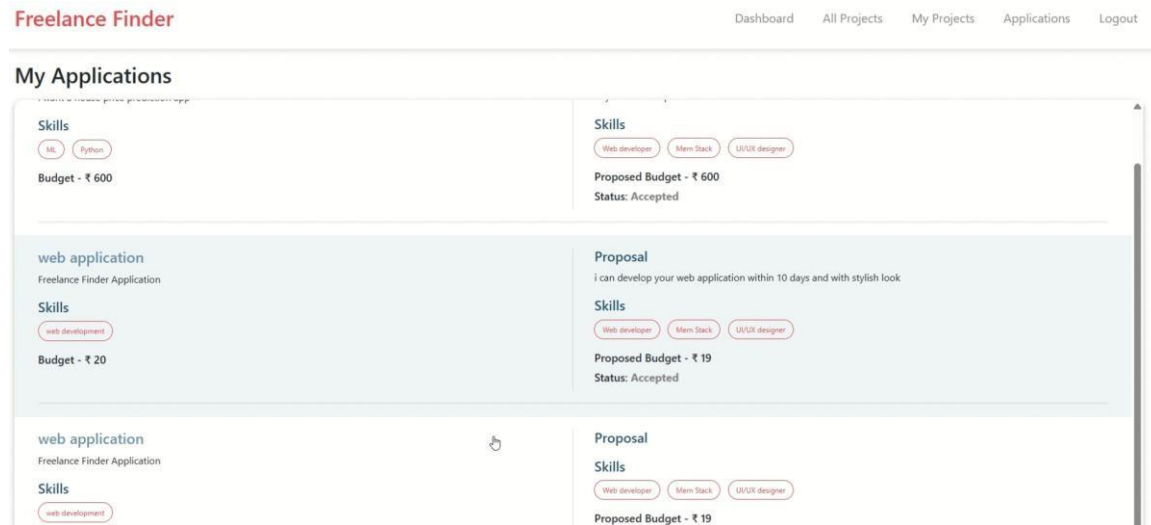
i want a house price prediction app

ML

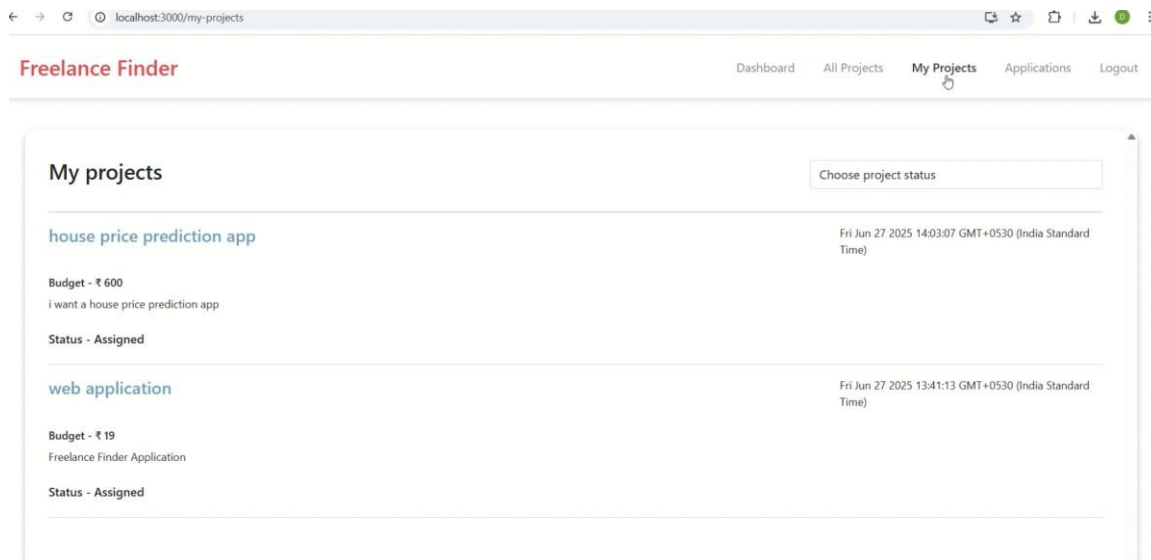
Python

1 bids ₹ 600 (avg bid)

## All Applications:



## My Projects:



## 8. ADVANTAGES & DISADVANTAGES

### Advantages:

- Efficient freelancer-client connection
- Secure payment integration
- Real-time collaboration

Disadvantages:

- Dependent on internet
- Requires initial trust building

## **9. CONCLUSION**

Freelance Finder offers a reliable, streamlined solution for freelancers and clients to collaborate efficiently.

## **10. FUTURE SCOPE**

Add mobile app support, AI-based skill matching, and support for team-based freelance contracts.

## **11. APPENDIX**

Source Code (if any): Available upon request.

DatasetLink:Notapplicable.

Project Demo Link:

<https://drive.google.com/file/d/1qhqcrrfhy3tJLJSVwp0xTcMKTD2BrwRr/view?usp=sharing>

GitHub link: <https://github.com/thotadivya28/freelance-finder>