

Project Report: Freelance Job Portal

1. Project Introduction

The Freelance Job Portal is a MERN stack-based web application aimed at connecting freelancers and clients for job postings, bidding, and project management. This platform bridges the gap between skilled individuals and clients seeking their expertise by offering streamlined project workflows, payment handling, and profile management.

Core Objectives:

- Enable clients to post jobs and freelancers to bid on them.
 - Provide a seamless interface for project tracking and communication.
 - Facilitate secure payment processes and ensure trust between parties.
 - Offer robust user profile management for both freelancers and clients.
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2. Functional and Non-Functional Requirements

Functional Requirements:

1. User authentication and authorization.
2. Posting, editing, and deleting jobs by clients.
3. Browsing and bidding on jobs by freelancers.
4. Notification system for updates (e.g., bids, job updates).
5. Profile management, including skill updates and profile picture upload.
6. Bookmarking and saving job postings.
7. Dashboard for users to view relevant statistics.
8. Dispute management for job-related conflicts.

Non-Functional Requirements:

Product Requirements:

- The system must support up to 500 concurrent users.
- It should render pages within 3 seconds for 90% of user interactions.

Organizational Requirements:

- Adhere to GDPR compliance for data privacy.
- Provide easy interface

External Requirements:

- Use HTTPS for secure communication.
 - Leverage external APIs for notifications and payment integrations.
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3. User Stories (15 Total)

Sprint 1 User Stories:

1. As a user, I want to reset my password so that I can regain access to my account securely.
2. As a user, I want to upload a profile picture so that my profile looks professional.
3. As a freelancer, I want to bookmark job postings so I can view them later.
4. As a user, I want a logout option to ensure the security of my account.
5. As a client, I want to view my dashboard with job-related statistics.

Sprint 2 User Stories:

6. As a freelancer, I want to bid on jobs so that I can apply for work.
7. As a client, I want to edit job postings to update requirements.
8. As an admin, I want to manage disputes between users to maintain platform integrity.
9. As a user, I want to receive notifications for job updates or actions.
10. As a client, I want to search for freelancers by skills to find the best match.

Sprint 3 User Stories:

11. As a client, I want to view freelancer portfolios to evaluate their suitability.
 12. As a freelancer, I want to update my skills and certifications on my profile.
 13. As a client, I want to release payments only after job completion.
 14. As an admin, I want to view system logs to monitor activities.
 15. As a user, I want to access my job history to track my past engagements.
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4. Product Backlog

A detailed prioritized list of user stories categorized into High, Medium, and Low priority levels.

User Story	Priority	Sprint
Reset Password	High	Sprint 1
Profile Picture Upload	Medium	Sprint 1

Job Bookmarking	Medium	Sprint 1
User Logout	High	Sprint 1
Dashboard	High	Sprint 1
Bidding on Jobs	High	Sprint 2
Edit Job Posting	High	Sprint 2
Dispute Management	Medium	Sprint 2
Notifications	High	Sprint 2
Freelancer Search by Skills	High	Sprint 2
Freelancer Portfolios	Medium	Sprint 3
Skill Updates	Medium	Sprint 3
Payment Workflow	High	Sprint 3
Admin Logs	Low	Sprint 3
Job History	Medium	Sprint 3

5. Sprint Backlogs

Sprint 1 Backlog

1. Reset Password
2. Profile Picture Upload
3. Job Bookmarking
4. User Logout
5. Dashboard

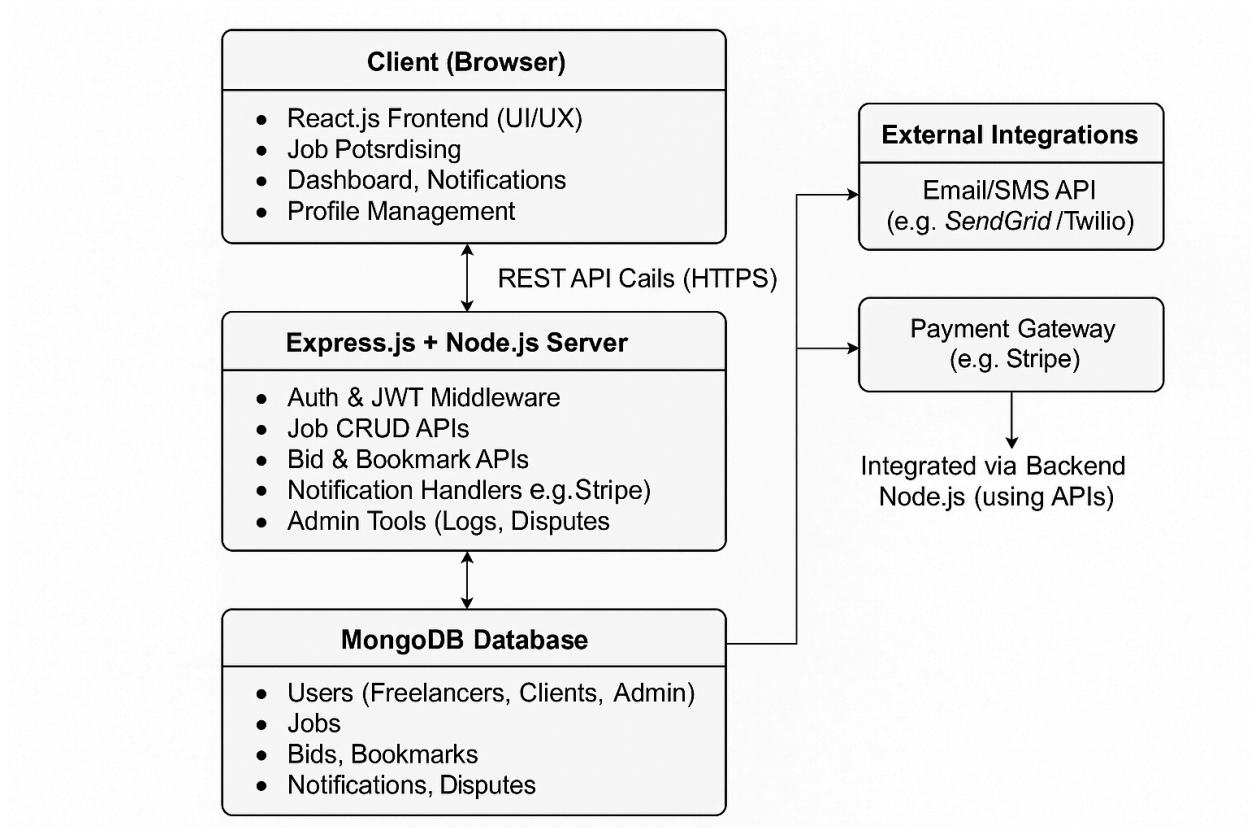
Sprint 2 Backlog

6. Bidding on Jobs
 7. Edit Job Posting
 8. Dispute Management
 9. Notifications
 10. Freelancer Search by Skills
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6. Project Plan

- Sprint 1: Core account and dashboard functionality (Day 1–2).
 - Sprint 2: Job interaction features (Day 3–4).
 - Sprint 3: Advanced features and admin tools (Day 5–6).
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7. Architecture Diagram



8. Design (Sprint 3 Items)

- Freelancer portfolio UI.
 - Payment release workflow UI.
 - Admin dashboard UI.
 - Job history UI.
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9. Implementation Screenshots

Freelancer Dashboard

Profile Overview

No profile found. [Create Profile](#)

Job Opportunities

[Find Jobs](#)

[My Proposals](#)

Reviews & Ratings

[View Reviews](#)

Messages & Notifications

Proposals

Bid Amount: \$5001

Proposal: i will do it

Job Description: I want to create a fully responsive website

Submitted on: 4/24/2025, 12:47:09 AM

Status: Accepted

Review Proposals

Full stack developer

Description: I want to create a fully responsive website

Budget: \$1000

Deadline: 4/30/2025

Aaqib Ansari (\$5001)

i will do it

Android Developer

Description: I want to develop a fully functional android app

Budget: \$6000

Deadline: 5/9/2025

Job Listings

Full stack developer

Description: I want to create a fully responsive website

Budget: \$1000

Deadline: 4/30/2025

Category: Web Development

Android Developer

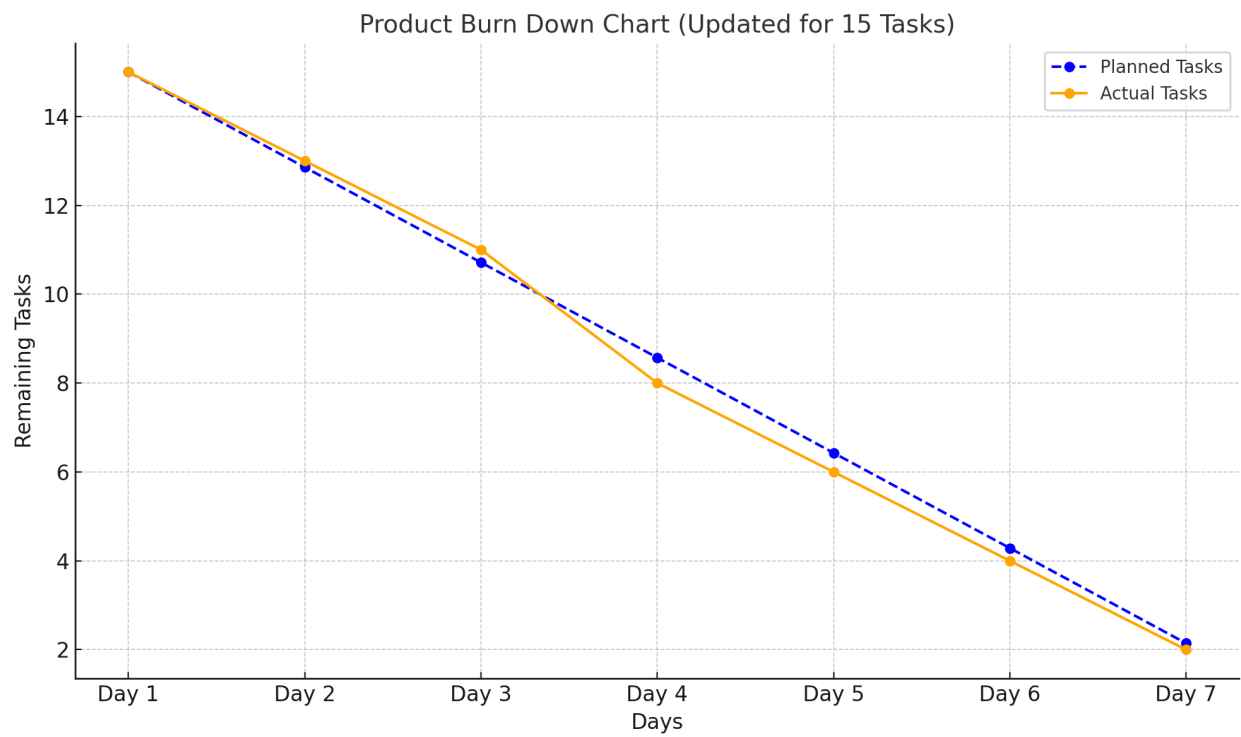
Description: I want to develop a fully functional android app

Budget: \$6000

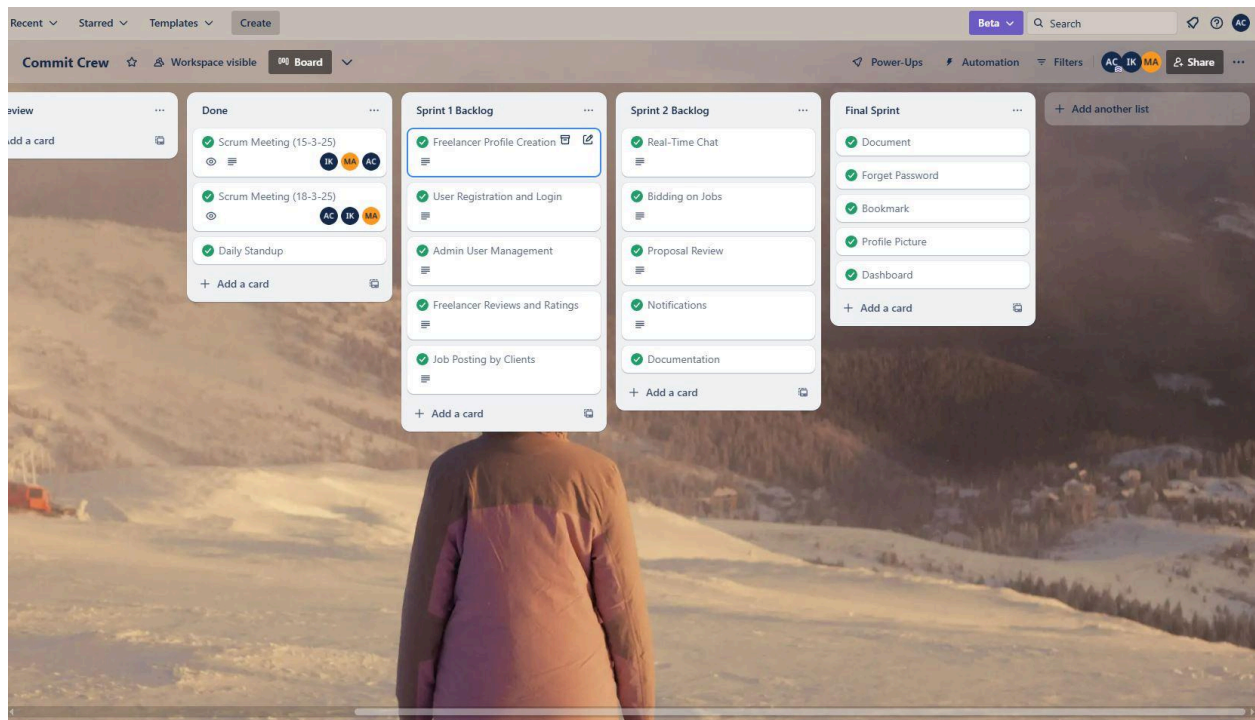
Deadline: 5/9/2025

Category: Web Development

10. Product Burn Down Chart



11. Trello Board Screenshots



12. Test Cases - Black Box

Attached in a word document.

13. Test Cases - White Box

Attached in a word document.

14. Work Division Between Group Members

Task	Assigned Member
Frontend Development	Zainab Ali Khan
Backend APIs	Aaqib Ansari
Testing and Debugging	Abdullah Chaudhary
Documentation	All members

15. Lessons Learned

- Importance of time management in sprints.
- Challenges in maintaining code quality while meeting deadlines.
- Benefits of collaborative tools like Trello for task tracking.