

Software Project Specification

Project Name

Freelancer Marketplace Platform

Objective

Develop a web-based platform that connects clients with freelancers across various industries, allowing users to post jobs, submit proposals, hire talent, and manage projects in a secure, streamlined environment.

Main Features

- User registration for freelancers and clients
- Job posting with detailed requirements
- Proposal submission system for freelancers
- Real-time chat between freelancers and clients
- Dashboard to manage active and completed jobs
- Review and rating system for both parties
- Payment processing and withdrawal management
- User profile with portfolio and experience
- Admin panel for managing users and content

Technical Requirements

- Responsive frontend using React.js and Tailwind CSS
- Backend built with Node.js and MongoDB
- Authentication via JWT with email verification
- Integration with Stripe for secure payments
- File upload support for project files and portfolios
- RESTful API design
- Logging and monitoring with Winston and PM2
- Unit and end-to-end tests with Jest and Cypress

Target Audience

Freelancers and clients worldwide, especially small business owners and digital professionals looking for flexible remote collaboration.

Additional Notes

Future versions may integrate AI-assisted job matching, time tracking, and dispute resolution systems to improve the overall user experience.