Performance Testing – SB Works

**Project Overview**

Project Name: SB Works – Freelancing Application

Project Description: A MERN-stack based freelancing platform that allows clients to post projects and freelancers to bid and collaborate. The platform includes features like chat, profile verification, admin dashboard, project tracking, and real-time updates.

Project Version: 1.0.0

**Testing Scope**

Features to be Tested:

* User Registration & Login
* Project Posting (Client)
* Project Bidding (Freelancer)
* Freelancer Dashboard
* Chat Functionality
* Application Submission
* Admin Dashboard
* Notifications

User Stories / Requirements:

* As a client, I want to post a project so that freelancers can apply
* As a freelancer, I want to apply for a project and communicate with the client
* As an admin, I want to monitor user activity and resolve issues
* As a user, I want a smooth and responsive experience across all pages

**Testing Environment**

URL: [http://localhost:3000](http://localhost:3000/)

Credentials:

* Client: clientuser / client@123
* Freelancer: freelancr1 / workit!
* Admin: adminuser / admin@321

**Test Cases**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | Test Scenario | Test Steps | Expected Result | Actual Result | Status |
| TC-001 | User Signup/Login | Navigate to login → Enter credentials  → Click login | Dashboard loads correctly | As expected | Pass |
| TC-002 | Project Posting (Client) | Client logs in  → Post project form  → Submit | Project visible to freelancers | As expected | Pass |
| TC-003 | Freelancer Bidding | Freelancer logs in → Bids on  available project | Bid stored and visible to client | As expected | Pass |
| TC-004 | Chat Feature | Client selects freelancer → Sends  message | Real-time chat initiates | As expected | Pass |
| TC-005 | Admin Monitoring | Admin logs in → Views dashboard | User data and project updates  visible | As expected | Pass |
| TC-006 | Application Submission | Freelancer uploads final work →  Client reviews | Work visible to client | As expected | Pass |
| TC-007 | Rating/Feedback | Client submits  rating after completion | Rating stored and  shown on profile | Minor delay | Pass |
| TC-008 | Notification System | Client updates project  status | Freelancer receives real-time  notification | As expected | Pass |

**Bug Tracking**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Bug ID | Bug Description | Steps to Reproduce | Severity | Status | Feedback |
| BG-001 | Rating loads | Complete | Low | Open | Optimize |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | slowly on freelancer profile | project → Submit  rating → Refresh |  |  | load time |
| BG-002 | Scroll glitch on dashboard | Open dashboard  → Scroll quickly | Medium | In Progress | UI  enhancement needed |

**Sign-off**

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Date: 24 June 2025

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