# Project Design Phase
## Problem – Solution Fit

| Date | 20 February 2026 |
|---|---|
| Team ID | LTVIP2026TMIDS77212 |
| Project Name | FreelanceFinder: Discovering Opportunities, Unlocking Potential |
| Maximum Marks | 2 Marks |

**Problem – Solution Fit Template:**

SB Works is designed to simplify the freelancing process for clients and independent professionals by providing a seamless and structured digital collaboration platform. It addresses the inefficiencies of traditional freelancing methods and scattered communication channels by offering transparent project management, secure authentication, and centralized system governance for clients, freelancers, and admins.

**Purpose:**

- ➢ To design and develop a responsive and intuitive freelancing web application using React.js.
- ➢ To implement secure user authentication and role-based access control (Client / Freelancer / Admin) using JWT.
- ➢ To create RESTful APIs using Node.js and Express.js to handle project posting, bidding, communication, and review workflows.
- ➢ To design and manage MongoDB database schemas using Mongoose for storing user profiles, projects, bids, and transaction records.
- ➢ To implement complete project lifecycle management including project posting, proposal submission, project status tracking, file sharing, and rating systems.

**Table :**



| 1. CUSTOMER SEGMENT(S) | 6. CUSTOMER CONSTRAINTS | 5. AVAILABLE SOLUTIONS |
|---|---|---|
| • Entrepreneurs struggling to find reliable<br>• Small businesses seeking skilled freelancers<br>• Project managers who outsource tasks/projects | • Difficult to find vetted freelancers<br>• Time-consuming to compare freelancer<br>• Uncertain of freelancer qualifications<br>• Lack of progress tracking for projects<br>• No secure tracked payment system | • Large, expensive freelancing platforms<br>• Inconsistent freelancer vetting<br>• Manual project management<br>• Scattered communication channels<br>• Lengthy payment disputes |
| **2. JOBS-TO-BE-DONE / PROBLEMS** J&P | **9. PROBLEM ROOT CAUSE** RC | **7. BEHAVIOR** BE |
| • Find skilled freelancers efficiently<br>• Track project proposals easily<br>• Manage project milestones<br>• Ensure safe and timely payments | • Unreliable freelancer profiles<br>• No centralized platform for bidding and payments<br>• Scattered and unorganized project details<br>• Complicated payment processes | • Search for freelancers online<br>• Review freelancer profiles<br>• Compare and bid on projects<br>• Track payments and milestones |
| **3. TRIGGERS** TR<br>• Tight project deadlines<br>• Limited budget<br>• Overloaded team | **10. YOUR SOLUTION** SL<br>**SB Works:** A MERN-stack freelancing platform connecting clients with vetted freelancers for secure, organized project management.<br>• Transparent and vetted freelancer profiles<br>• Milestone-based project management<br>• Escrow payment protection, full payments released only upon confirmed completion. | **8. CHANNELS of BEHAVIOR** CH<br>• ONLINE<br>• Web platform<br>• Email notifications<br>• In-platform menesaging |
| **4. EMOTIONS: BEFORE / AFTER** EM<br>• Before:<br>• Frustrated<br>• Overwhelmed<br>• Skeptical<br>• After Using **SB Works:** | **3. EMOTIONS: BEFORE / AFTER**<br>• Relieved<br>• Confident<br>• Productive | **8. CHANNELS of BEHAVIOR**<br>• ONLINE<br>• Web platforms<br>• Email notifications<br>• In-platform meessaging<br>• Business meetups |