**Project Design Phase**

**Solution Architecture**

|  |  |
| --- | --- |
| Date | 26.06.2025 |
| Team ID | SWUID20250170870 |
| Project Name | Freelancing Application Mern |
| Maximum Marks | 4 Marks |

**Solution Architecture:**

The solution architecture for SB Works ensures a robust, user-friendly, and scalable

platform that connects clients with skilled freelancers. The architecture emphasizes

responsive design, secure transactions, smart project matching, and real-time

collaboration to ensure efficient workflows and enhanced user satisfaction.

The solution architecture of SB Works is designed to deliver a secure, scalable, and efficient freelancing platform that streamlines collaboration between clients and freelancers. Built on the MERN stack (MongoDB, Express.js, React, Node.js), the architecture supports a smooth user experience and optimized backend operations.

• Seamless project posting and freelancer bidding

• Comprehensive project lifecycle management

• Scalable user authentication and authorization

• Secure and trackable payment transactions

• Reliable real-time chat and notifications

