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