Project Design Phase
Solution Architecture

Date	6 March 2025
Team ID	SWTID1741519652153631
Project Name	FitFlex
Maximum Marks	4 Marks

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Solution Architecture:

The solution architecture for the Fitness Web Application ensures a scalable, efficient, and user-friendly platform for discovering and accessing exercise routines based on body parts and equipment.

Goals of the Solution Architecture:

- Identify the Best Tech Solution: Utilize modern front-end frameworks and APIs to provide a seamless fitness discovery experience.
- Define Structure & Characteristics: Ensure modular, scalable, and maintainable software architecture for future enhancements.
- Outline Features & Development Phases: Clearly structure project milestones for effective development and deployment.
- Establish Specifications for Development & Delivery: Provide well-defined guidelines for the system's architecture, API integration, and data flow.