

Project Design Phase-I Solution Architecture

Date	28 February 2026
Team ID	LTVIP2026TMIDS89151
Project Name	Heart Disease Analysis
Maximum Marks	4 Marks

Solution Architecture:

Solution architecture outlines how the proposed technological framework effectively addresses the business challenge of understanding and analyzing heart disease data. It serves as a bridge between healthcare-related issues and data-driven solutions, ensuring that business needs are aligned with scalable, efficient, and actionable technology implementations.

Goals of the Solution Architecture

- To determine the most appropriate technology solution for analyzing heart disease risk factors and patterns.
- To explain the overall system structure, components, and operational behavior to project stakeholders.
- To define the key features, development phases, and both functional and non-functional requirements of the solution.
- To provide clear technical specifications that guide the design, implementation, management, and successful deployment of the heart disease analytics system

Solution Architecture Diagram:

