

**Project Design Phase-I**  
**Solution Architecture**

Date	28 February 2026
Team ID	<b>LTVIP2026TMIDS89151</b>
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:**

