

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

Date	03 February 2026
Team ID	LTVIP2026TMIDS35189
Project Name	Heart Disease Analysis
Maximum Marks	4 Marks

**Solution Architecture:**

Solution architecture defines how the proposed technology solution addresses the business problem of understanding and analyzing heart disease data. It bridges the gap between healthcare challenges and data-driven technology solutions.

**Goals of the Solution Architecture**

- To identify the most suitable technology solution for analyzing heart disease risk factors and patterns.
- To describe the overall structure, components, and behavior of the system to project stakeholders.
- To define key features, development phases, and functional and non-functional requirements of the solution.
- To provide clear technical specifications that guide the design, implementation, management, and delivery of the heart disease analytics solution.

**Solution Architecture Diagram:**

## Solution Architecture –

— Heart Disease Analysis —

