

## Project Design Phase-I

### Solution Architecture

Date	19 February 2026
Team ID	LTVIP2026TMIDS80164
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:

