

## Project Design Phase

### Problem – Solution Fit Template

Date	09 February 2026
Team ID	LTVIP2026TMIDS39871
Project Name	Heart Disease Analysis
Maximum Marks	2 Marks

#### **Problem – Solution Fit Template:**

Problem–Solution Fit refers to identifying a real problem faced by the target users and ensuring that the proposed solution effectively addresses that problem. In this project, healthcare professionals and policymakers face challenges in analyzing large heart disease datasets and extracting meaningful insights. The proposed solution — an interactive Heart Disease Analysis system using Tableau and Flask — directly solves this problem by converting complex data into clear, interactive visual dashboards.

This approach helps identify behavioral patterns, understand user needs, and implement a system that improves decision-making efficiency.

#### **Purpose:**

- Solve complex healthcare data analysis problems using interactive visualization techniques.
- Improve decision-making speed by presenting insights in a structured and user-friendly dashboard.
- Enhance communication of healthcare insights through clear visual representation and storytelling.
- Increase accessibility to heart disease data through web-based dashboard integration.
- Understand current data challenges and transform raw datasets into actionable insights for healthcare stakeholders.

#### **Template:**



