

Project Design Phase

Proposed Solution Template

Date	19-02-2026
Team ID	LTVIP2026TMIDS88080
Project Name	Heart Disease Analysis: Identifying Risk Factors Using Tableau.
Maximum Marks	2 Marks

Proposed Solution Template:

This proposed solution aims to address the challenges faced by users when interpreting complex medical and heart disease data. By leveraging Tableau, the team will develop an interactive and user-friendly visualization system that clearly presents heart disease risk factors such as gender, smoking habits, alcohol consumption, diabetes, stroke history, and other health indicators.

This approach simplifies medical data interpretation and supports better understanding of health risks. It provides a structured and reusable analytical framework that can assist healthcare professionals, researchers, and analysts in making informed, data-driven decisions.

S.No	Parameter	Description
1	Problem Statement (Problem to be solved)	Users find it difficult to interpret raw heart disease data and cannot easily identify key risk factors or high-risk groups from complex medical datasets.
2	Idea / Solution Description	Use Tableau to build interactive dashboards and stories that visualize heart disease distribution, lifestyle impacts, and medical correlations clearly.
3	Novelty / Uniqueness	Integrates multiple health factors into a single interactive dashboard without coding, making medical data easy to understand for non-technical users.
4	Social Impact / Customer Satisfaction	Increases awareness about heart disease risk factors, supports early detection, and promotes preventive healthcare decisions.
5	Business Model (Revenue Model)	The dashboard is freely accessible for academic and awareness purposes; it serves as an analytical support tool rather than a revenue generating product.
6	Scalability of the Solution	The framework can be extended to include additional medical parameters or adapted for other healthcare datasets and disease analysis projects.