

Project Design Phase-I
Proposed Solution Template

Date	22 February 2026
Team ID	LTVIP2026TMIDS81575
Project Name	Heart Disease Analysis
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No	Parameter	Description
1.	Problem Statement (Problem to be solved)	Patients, healthcare professionals, and decision-makers lack a centralized, interactive, and easy-to-understand way to analyze heart disease data. Scattered datasets and static reports make it difficult to identify risk factors, trends, and relationships among age, lifestyle, and medical conditions, limiting data-driven healthcare decisions.
2.	Idea / Solution description	Development of intuitive and interactive Tableau dashboards using a dark UI for better user experience. The solution includes eye-comfort color palettes, dynamic KPIs, and drag-and-drop filters to explore heart disease risk factors, lifestyle impacts, and clinical indicators effectively.
3.	Novelty / Uniqueness	Unlike traditional static health reports, this solution provides story-driven dashboards with interactive visualizations. Users can dynamically filter data by age, gender, lifestyle habits, and health conditions, enabling personalized insights rather than fixed charts.
4.	Social Impact / Customer Satisfaction	Supports early detection and awareness of heart disease by making health data more understandable. Helps healthcare professionals and policymakers make informed decisions, improves data accessibility, and reduces the time required to analyze complex health datasets.
5.	Business Model (Revenue Model)	The solution can be offered as a subscription- based healthcare analytics tool or as a consultancy framework for hospitals, research organizations, or public health agencies to customize dashboards based on their datasets.

6.	Scalability of the Solution	The dashboard framework is scalable to other countries, brands, or product categories. Only the dataset and labels need to be updated — the core logic and layout remain reusable across contexts.
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