Project Design Phase-I
Proposed Solution Template

Date	28 February 2026
Team ID	**LTVIP2026TMIDS89151**
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 platform for analyzing heart disease data. Dispersed datasets and static reports make it challenging to identify key risk factors, patterns, and relationships among age, lifestyle habits, and medical conditions. As a result, the ability to make informed, data-driven healthcare decisions is significantly limited.
2.	Idea / Solution description	The solution involves developing intuitive and interactive Tableau dashboards with a dark-themed user interface to enhance user experience. It incorporates eye-comfort color palettes, dynamic KPIs, and drag-and-drop filters, enabling users to effectively explore heart disease risk factors, lifestyle influences, and key clinical indicators.
3.	Novelty / Uniqueness	Unlike traditional static health reports, this solution delivers story-driven dashboards with fully interactive visualizations. Users can dynamically filter data by age, gender, lifestyle habits, and medical conditions, allowing them to generate personalized insights instead of relying on fixed, non-interactive charts.
4.	Social Impact / Customer Satisfaction	Enhances early detection and awareness of heart disease by presenting health data in a clear and understandable manner. It supports healthcare professionals and policymakers in making informed decisions, improves data accessibility, and reduces the time required to analyze complex health datasets.
5.	Business Model (Revenue Model)	The solution can be delivered as a subscription-based healthcare analytics platform or provided as a consultancy service for hospitals, research institutions, and public health agencies. It enables organizations to customize interactive dashboards according to their specific

		datasets and analytical requiremen
6.	Scalability of the Solution	The dashboard framework is highly scalable and can be adapted to other countries, organizations, or domains. By updating the dataset and modifying the labels, the same core logic, structure, and layout can be reused effectively across different contexts.