Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	02 February 2026
Team ID	LTVIP2026TMIDS39871
Project Name	Heart Disease Analysis
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirements	Sub Requirements
FR-1	Data Import Module	Import heart disease dataset into Tableau
FR-2	Data Processing	Clean and organize dataset fields
FR-3	Visualization Creation	Create charts for age, BMI, smoking, diabetes, etc.
FR-4	Dashboard Design	Combine multiple visualizations into interactive dashboard
FR-5	Story Development	Create story to explain insights step-by-step
FR-6	Dashboard Publishing	Publish dashboard on Tableau Public
FR-7	Web Integration	Embed Tableau dashboard into Flask application
FR-8	UI Display	Display dashboard properly in web interface

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	The web application must have a simple and user-friendly interface.
NFR-2	Security	The application should not expose sensitive data publicly.
NFR-3	Reliability	The dashboard should load correctly without errors.
NFR-4	Performance	The dashboard should load within a few seconds.
NFR-5	Availability	The published dashboard should be accessible online.
NFR-6	Scalability	The system should support multiple users accessing the dashboard.