Project Design Phase-II
Data Flow Diagram & User Stories

Date	15 February 2026
Team ID	LTVIP2026TMIDS74725
Project Name	Heart Disease Analysis
Maximum Marks	4 Marks

Data Flow Diagrams:

[Raw CSV Dataset: Heart_new2.csv]

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[Data Preprocessing in Tableau]

→ Data type correction

→ Field renaming

→ Calculated fields creation

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[In-Memory Tableau Storage]

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[Visualization Layer]

→ Gender vs Heart Disease

→ Age vs Heart Disease

→ Diabetic vs Stroke

→ Smoking & Alcohol Impact

→ Physical Activity vs Heart Disease

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User Stories :

User Type	Functional Requirem	User Story	User Story	Acceptance C	Priorit	Release
Cardiologist	Analyze Risk Factors	USN-1	As a doctor, I want to analyze lifestyle and medical factors affecting	I can view filte	High	Sprint-1
Health Analyst	Study Disease Correlat	USN-2	As an analyst, I want to study the relationship between diabetes, stro	I can view con	High	Sprint-1
Policy Maker	Population Analysis	USN-3	As a policymaker, I want to compare disease trends across demograp	I can filter dash	Mediu	mSprint-2
Individual User	Self-Risk Awareness	USN-4	As an individual, I want to understand my heart disease risk	I can compare	Mediu	mSprint-2
Healthcare Adm	Report Export	USN-5	As an admin, I want to export dashboards for reporting	I can export da	Low	Sprint-3