

**Project Design Phase**  
**Problem – Solution Fit**

Date	15 February 2026
Team ID	LTVIP2026TMIDS74725
Project Name	Heart Disease Analysis
Maximum Marks	2 Marks

**Problem – Solution Fit :**

1. What is the Problem?

Heart disease data is complex and multi-dimensional, making it difficult for healthcare professionals and decision-makers to identify key risk factors and trends using traditional reporting methods. This limits early detection, preventive care, and effective public health planning.

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2. What is the Idea / Solution?

The proposed solution is an interactive Tableau-based dashboard that visualizes heart disease data across demographics, lifestyle habits, and medical indicators. Users can dynamically explore correlations and trends to support preventive and clinical decision-making.

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3. What is the Novelty / Uniqueness?

- Integrates multiple health indicators into one unified dashboard
- Enables non-technical users to explore complex medical data visually
- Responsive design supports desktop, tablet, and mobile access
- Easily extendable with new datasets and analytical features

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4. What is the Social Impact / Customer Satisfaction?

- Supports early diagnosis and preventive healthcare
- Improves awareness of lifestyle-related health risks
- Enables data-driven public health policies
- Empowers individuals to take control of their health

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5. What is the Business Model (Revenue Model)?

- Subscription-based analytics dashboards for hospitals and clinics
- Government health reporting solutions
- Customized healthcare analytics consulting

- Future SaaS deployment using Tableau Cloud
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## 6. How is the Solution Scalable?

- Supports larger and diverse healthcare datasets
- Compatible with cloud deployment
- Can integrate predictive analytics and AI models in the future
- Modular design allows easy addition of new dashboards and KPIs