# Project Design Phase-I
## Problem – Solution Fit Template

| Date | 10 February 2026 |
|------|------------------|
| Team ID | LTVIP2026TMIDS74725 |
| Project Name | Heart Disease Analysis |
| Maximum Marks | 2 Marks |

**Problem – Solution Fit Template:**

The Problem-Solution Fit simply means that you have found a problem with your patient and that the solution you have realized for it actually solves the patient's problem.

**Template:**



**1. CUSTOMER SEGMENT(S)** — CS

Primary Segment:
First-time EV buyers in metropolitan and tier-2 cities in India.
Working professionals and middle-class families exploring EV purchase.
Environment-conscious consumers.

Secondary Segment:
Infrastructure investors.
EV charging network planners.
Government policymakers.
EV market researchers.

**6. CUSTOMER CONSTRAINTS** — CC

Limited technical knowledge about EVs.
Difficulty interpreting raw data.
Lack of centralized EV data source.
Time constraints for deep research.
Budget concerns for vehicle purchase.

**5. AVAILABLE SOLUTIONS** — AS

EV brand websites.
Government EV policy reports (PDF).
YouTube reviews.
EV blogs.
News articles.

*Explore AS, differentiate*
*Define CS, fit into CC*

**2. JOBS-TO-BE-DONE / PROBLEMS** — J&P

For EV Buyers:
Understand EV range and battery performance.
Check charging availability.
Compare brands and models.
Reduce range anxiety before purchasing.

For Investors:
Identify regional EV growth patterns.
Detect charging infrastructure gaps.
Analyze adoption trends.

**9. PROBLEM ROOT CAUSE** — RC

Lack of centralized EV analytics platform in India.
Fragmented data across multiple sources.
Poor visualization of charging and range data.
Limited data-driven decision tools for EV buyers.
Inadequate infrastructure planning visibility.

**7. BEHAVIOUR** — BE

Online Behaviour:
Searching "Best EV in India"
Watching YouTube EV reviews
Comparing models on Google
Reading EV news articles

Investor Behaviour:
Downloading industry reports
Reviewing government EV data
Studying regional infrastructure trends

*Focus on J&P, tap into BE, understand RC*

**3. TRIGGERS** — TR

Rising fuel prices.
Government EV subsidies.
Climate change awareness.
Social influence (neighbors switching to EVs).
News about EV growth in India.
Planning to buy a new vehicle.

**4. EMOTIONS: BEFORE / AFTER** — EM

Before Using E-CarStart:
Confusion about EV performance.
Fear of running out of charge.

After Using E-CarStart:
Confidence in EV purchase decision.
Clarity about charging & range.

**10. YOUR SOLUTION** — SL

E-CarStart is a web-based EV analytics platform that:

Provides interactive EV charging & range dashboard.
Visualizes EV adoption trends in India.
Centralizes EV data into one platform.
Helps first-time buyers make informed decisions.
Assists investors in identifying charging infrastructure gaps.
Reduces confusion and range anxiety through data visualization.

**8. CHANNELS of BEHAVIOUR** — CH

Online:
Google Search
YouTube
EV blogs
Government websites
Social media (LinkedIn, Twitter)

Offline:
Visiting EV showrooms
Talking to dealers
Discussions with friends/family
Industry seminars

*Identify strong TR & EM*
*Extract online & offline CH of BE*