**Project Title:** Visualizing and Predicting Heart Disease using Interactive Dashboard **Project Design Phase-I-Solution Fit Template** **Team ID:** PNT2022TMID06878

Define CS, fit

## 1. CUSTOMER SEGMENT(S) CS

- Hospital
- Medical Experts

## 6. CUSTOMER CONSTRAINTS CC

- Is the product trustworthy?
- Does the product have fault tolerance?
- Whether the prediction is accurate??

## 5. AVAILABLE SOLUTIONS AS

- Designed with the ability to predict heart disease providing alerts and high accuracy possible, independent of human intervention, continually learning and updating model, making it more efficient than the existing solutions.

Explore AS,

Focus on J&P, tap

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

- User friendly dashboard for non-technical users.
- Accurate prediction of heart disease.

## 9. PROBLEM ROOT CAUSE RC

- Under-development of diagnostic and predictive applications in medical field is one of the major causes.
- Doctors usually treat based on their own analysis which often lead to wrong diagnosis.

## 7. BEHAVIOUR BE

- The medical experts use the product along with their knowledge to predict heart disease and treat patients accordingly.

Focus on J&P, tap

Identify strong TR & EM

## 3. TRIGGERS TR

- Time efficiency of the product.
- Cost of the product.

## 4. EMOTIONS: BEFORE / AFTER EM

- Before – Time consuming, not that accurate
- After – Saves time, accuracy is increased

## 10. YOUR SOLUTION SL

Developing an interactive dashboard which can be used in predicting heart disease and visualizing it.

## 8.CHANNELS of BEHAVIOUR CH

### 8.1 ONLINE

The system predicts with high accuracy.

### 8.2 OFFLINE

Predicts heart disease same as in online mode.

Extract online & offline CH of