Project Design Phase-1
Problem Solution

Date	21 October 2022
Team ID	PNT2022TMID02869
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dash Board

Define CS, fit into CL

1. CUSTOMER SEGMENT(S) CS

People who have heart diease
Hospitals
Clinics
Any medical support field who prepare data of diesease

6. CUSTOMER LIMITATIONS EG. BUDGET, DEVICES CL

This solution provides only the visualization of the dashboard by the symptoms given my the customer

5. AVAILABLE SOLUTIONS PLUSES & MINUSES AS

The Customers can prefer over amanual data visualization and prediction,which is very tedious job and requires the Knowledge over the AI/ML

Explore AS, differentiate

Focus on PR, tap into BE, understand RC

2. PROBLEMS / PAINS + ITS FREQUENCY PR

Chest Pain

Pain between the Shoulder blades

clammy skin,cold sweat or sweating

anxiety feeling of impending doom

9. PROBLEM ROOT / CAUSE RC

Reason of increase in heart diesease will not be rootly identified

There is a chance of Identifying every heart heart disease as same

Difficulty of predicting heart disease will not be rootly identified

Will Not Have Proper Idea of relation between in heart diseases as same

7. BEHAVIOR + ITS INTENSITY BE

We must have a knowledge of difference between datasets used for comparision

Customers need to collect more number of datasets in order to obtain more accurate result

Generation of Legitimate and reliable dataset

Focus on PR, tap into BE, understand RC

Identify strong TR & EM

3. TRIGGERS TO ACT TR

Insufficient ways of handling huge amount of datasets and inferring the root cause of the heart disease cannot be found out

4. EMOTIONS BEFORE / AFTER EM

Before:It creates huge knowledge for proper or accurate reason for heart disease

After:It creates a large chance of understanding Heart root cause of it.

10. YOUR SOLUTION SL

By using cognos Analysis using AI/ML and predict heart diseases and related disease by the ultimate power Cognos Analytics Tool we can create a proper dashboard for the customers to work with and visualize and analyze the heart disease on their work with limited knowledge

8. CHANNELS of BEHAVIOR CH

ONLINE

Visualizing the datasets and Exploring the data

OFFLINE

Collection of the datasets
Filtering the datasets

Extract online & offline CH of BE