**Ideation Phase**

**Define the Problem Statements**

|  |  |
| --- | --- |
| Date | 12 October 2022 |
| Team ID | PNT2022TMID29695 |
| Project Name | Project – Visualizing and Predicting Heart Diseases with an Interactive Dash Board |
| Maximum Marks | 2 Marks |

|  |  |  |  |
| --- | --- | --- | --- |
| I am | “Describe the customer with 3-4 key characteristics”  Who are they? | A Doctor/ Patients with emergency need / All public people who are at the risk of heart diseases. |  |
| I’m trying to | “List their outcome or ‘jobs’ they care about”  What are they trying to achieve? | Minimize the Death rate/ Treat the patients with accurate medication/ Identify patients with high risk of disease/ Take precaution measures before. |  |
| but | “Describe the barriers or problem stand in the way”  What bothers them the most? | The invasive techniques takes much time/ Very Expensive. |  |
| because | “Enter the root cause of why the problem or barriers exist”  What needs to be solved? | Due to human intervention it may cause delay and imprecise diagnosis. |  |
| Which makes me feel | “Describe the emotions in customer’s point of view”  How does it impact them emotionally? | Fear/ Frustrated/ Bothered/ Trepidation/ Fury. |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **Problem Statement (PS)** | **I am** | **I’m trying to** | **But** | **Because** | **Which makes me feel** | | PS-1 | Doctor | Identify patients with high risk of disease | It takes long time | Imprecise diagnosis | Dissatisfied/ Frustrated | | PS-2 | Public people | Take precaution measures before | Not budget friendly | Very expensive | Fear/ Trepidation | |