

## Ideation Phase

### Brainstorm & Idea Prioritization Template

Date	15 September 2022
Team ID	PNT2022TMID02667
Project Name	Project - Visualizing and Predicting Heart Diseases with an Interactive Dash Board
Maximum Marks	4 Marks

#### Step-1: Team Gathering and Select the Problem Statement

1

**Define your problem Statement**

What problem are you trying to solve?Frame your problem as a How Might We statement.This will be the focus of your brainstorm.

🕒 10 minutes

QUESTION

How might we predict if the patient has chances of a heart disease?

QUESTION

How might we give them an efficient and accurate prediction of heart disease?

QUESTION

How might we we develop a heart disease prediction system that can assist medical professionals in evaluating a patient's heart disease based on the clinical data of the patient?

#### Step-2: Brainstorm, Idea Listing

2

## Brainstorm

Write down any ideas that come to mind that address your problem statement.

🕒 10 minutes

### ABIRAJ R

Login	Analysing the data
Table to show normal range of HR, BP and Cholesterol	User can give the credentials

### APARNA K

Registration	Using html,css for front end
Personalised dashboard	Using bar charts, histograms , pie charts

### DARWESH FAZIL A

Training model with user data	Visualising existing data
Adding new patients	Displaying Patient details
Using Python for backend	

### GRACE EBENEZER R

Periodic progress charts	Tracking user's data
An effective prediction model	Providing insights into data

## Step-3: Grouping ideas

3

Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. In the last 10 minutes, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you can break it up into smaller sub-groups.

🕒 15 minutes



Technology Stack

- Using html,css for front end
- Using Python for backend



Features of the Application

- Login
- Table to show normal range of HR, BP and Cholesterol
- Adding new patients
- Displaying Patient details
- Periodic progress charts
- Using bar charts, histograms, pie charts
- Personalised dashboard
- Registration



Analysing the Data

- Tracking user's data
- An effective prediction model
- Providing insights into data
- Visualising existing data
- Training model with user data