Ideation Phase
Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID49226
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dashboard
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.

Step-1: Team Gathering, Collaboration and Select the Problem Statement

Step-2: Brainstorm, Idea Listing and Grouping

2

Brainstorm

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

⏱ 10 minutes

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Predicting the severity of disease at each stage	User can interact with the dashboard	free consultation with specialist	RECOMMEND SPECIALITY HOSPITALS ACCORDING TO SEVERITY AND TYPE OF DISEASE DIAGNOSED
User can able to visualise the the severity of the heart diseases	computing accuracy using different metrics obtained from the various models used	develop an application which can predict the vulnerability of a heart disease given basic symptoms like age, sex, pulse rate etc	HOST APPLICATION IN PUBLIC PLATFORM SO THAT ANYONE WITH THE LINK CAN ACCESS IT
Recommendation of Diet in the dashboard	User can able to find the relationship between various attributes in the dataset	use various classification algorithms of data science framework to somehow detect the chances of having a heart disease	find out the most efficient classification algorithm that can help us to detect heart diseases at early stage. this algorithm can be used on heart records of the patient or by using it on classification reports

Step-3: Idea Prioritization

4

Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

⏱ 20 minutes

Importance

If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

find out the most efficient classification algorithm that can help us to detect heart diseases at early stage. this algorithm can be used on heart records of the patient or by using it on classification reports

computing accuracy using different metrics obtained from the various models used

User can able to visualise the the severity of the heart diseases

Predicting the severity of disease at each stage

HOST APPLICATION IN PUBLIC PLATFORM SO THAT ANYONE WITH THE LINK CAN ACCESS IT

Recommendation of Diet in the dashboard

free consultation with specialist

use various classification algorithms of data science framework to somehow detect the chances of having a heart disease

User can interact with the dashboard

develop an application which can predict the vulnerability of a heart disease given basic symptoms like age, sex, pulse rate etc

RECOMMEND SPECIALITY HOSPITALS ACCORDING TO SEVERITY AND TYPE OF DISEASE DIAGNOSED

User can able to find the relationship between various attributes in the dataset

Feasibility

Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)