Ideation Phase
Brainstorm & Idea Prioritization Template

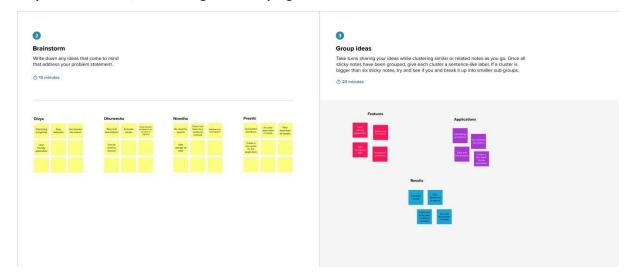| Date	19 September 2022
Team ID	PNT2022TMID00865
Project Name	Classification of Arrhythmia using Deep Learning with 2-D ECG Spectral Image Representation
Maximum Marks	4 Marks

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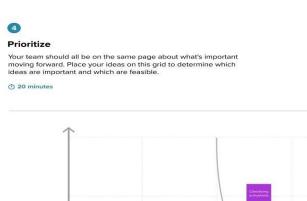
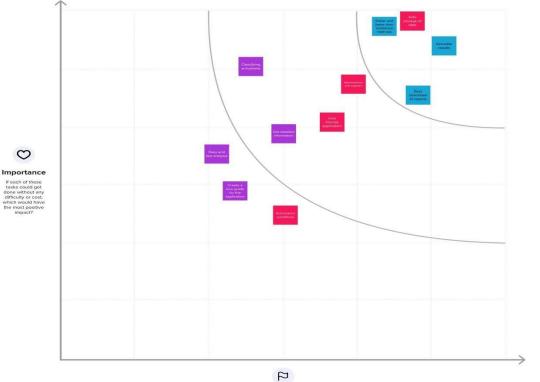**Step-1: Team Gathering, Collaboration and Select the Problem Statement**

Step-2: Brainstorm, Idea Listing and Grouping

2

Brainstorm

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

⏱ 10 minutes

Divya

Classifying arrhythmia	Easy detection	Get detailed information
User friendly application		

Dhuneesha

Easy and fast analysis	Accurate results	Enhancement of features can be done if required
Can be used by anyone		

Nivedha

No need for experts	Easier and faster than traditional methods	Maintenance and Support
Safe storage of data		

Preethi

Automated workflows	Accurate detection of reports	Easy download of reports
Create a tour guide for the application		

3

Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you and break it up into smaller sub-groups.

⏱ 20 minutes

Features
- User friendly application
- Maintenance and support
- Safe storage of data
- Automated workflows

Applications
- Classifying arrhythmia
- Get detailed information
- Easy and fast analysis
- Create a tour guide for the application

Results
- Accurate results
- Easy download of reports
- Easier and faster than traditional methods
- Accurate detection of results

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?

Feasibility

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