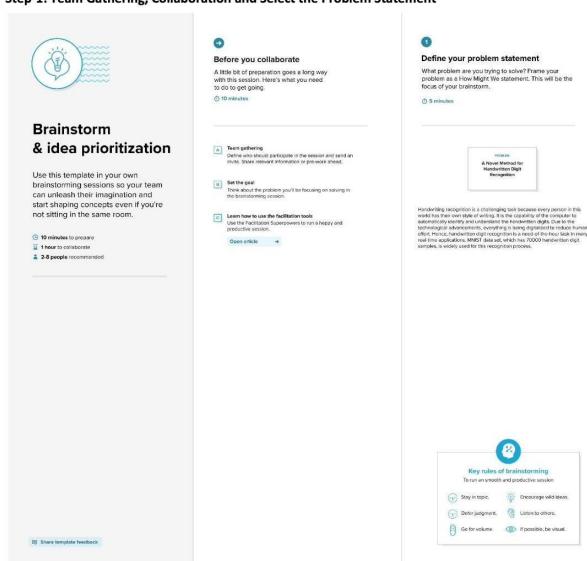
# **Ideation Phase**

# **Brainstorm & Idea Prioritization Template**

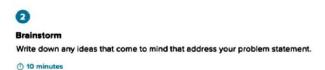
Date	17 September 2022
Team ID	PNT2022TMID15718
Project Name	Classification of arrhythmia by using deep learning with 2-d ecg spectral image representation

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

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



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





#### Karuturi Hemanth Suresh



#### Kalapala Sri Ram

An irregular or abnormal heartbeat	Pause in sinus rhythem	Evaluating the ecg tracing
Abnormalities of impulse generation or abnormalities of impulse conduction or both	Abnormalities of cardiac electrical activity result	Based on Heart rate
noninvasive diagnostic technique	ECG data to use features based on the engineer,	the mapping techniques for arrhythmia classification techniques using a deep neural network

#### **M Dhanush**



#### Konduru Nitish

optimization parameters in the proposed 2- D CNN model	Long term monitoring	It is quick , safe and painless test
Detects irregular heart beats	can ECG detect heart blockage	can be easily added to modified
delivering more preventive care	poor electrode to patient contact	Remote access and availablity

**Step-3: Idea Prioritization** 

