

## Ideation Phase

### Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID45366
Project Name	A Novel Method For Handwritten Digit Recognition System
Maximum Marks	4 Marks

#### Brainstorm & Idea Prioritization Template:

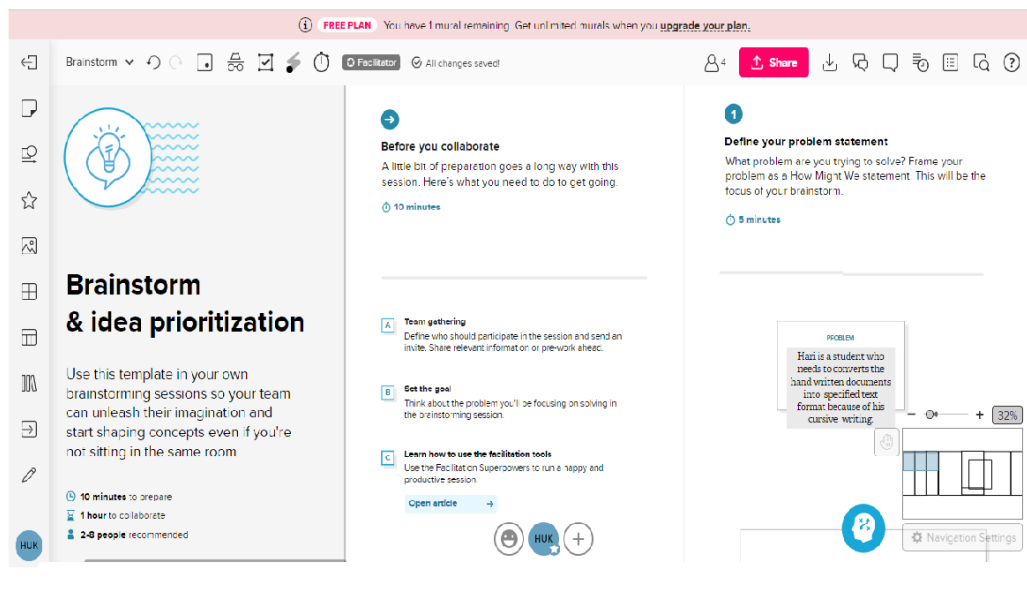
Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate,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

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

Reference:

<https://app.mural.co/invitation/mural/ibmprojecthasan2280/1663690896487?sender=u20eafc194f8ad404f6859078&key=a22bdd1c-8397-43ac-92fd-76164de9ff47>

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



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

**FREE PLAN** You have 1 mural remaining. Get unlimited murals when you **upgrade your plan**.

Brainstorm

1. User needs to identify the text format which is going to be converted.  
2. Each user has its own way of writing, and to get access of that particular user documents this method is used.  
3. The main issue occurs only in recognizing the hand writing of the users.  
4. By scanning the particular texts and select the format which is need to be converted.  
5. Alphabets, Numbers, and Symbols can also be recognized.

**TIP**  
You can select a sticky note and hit the pencil (switch to sketch) icon to start drawing!

**HASAN UL KHAJA HUSSAIN**

Text is identified	Recognized text format must be chosen	Using history API recognition is used
Every user needs to have the format	Helps to recognize digits for features	Python language is used

**SUKUMAR**

Used in bank chaitan forms	Using history API recognition is used	It should be used in recognition
Used in any platform	Recognized text format must be chosen	Identifying all the characters

**ANTONY RAJA**

Input is given as images	Machine Learning Algorithms are used	Collection of accurate output
The given text is converted into images	Recognized text format must be chosen	Recognized text format must be chosen

**VINOTH KUMAR**

Different format of images are used	Using history API recognition is used	Tools like python is recognized
Python language is used	Recognized text format must be chosen	Using history API recognition is used

**Navigation Settings**

## Step-3: Idea Prioritization

**FREE PLAN** You have 1 mural remaining. Get unlimited murals when you **upgrade your plan**.

Brainstorm

Importance

Each of these items is assigned a score based on its difficulty or cost, which qualifies the most viable item.

**TIP**  
Participants can use their own or previous ideas as a starting point. The facilitator can use this as a starting point for the next step.

**Navigation Settings**