Ideation Phase Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID36066
Project Name	A Novel Method For Handwritten Digit
	Recognition System
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

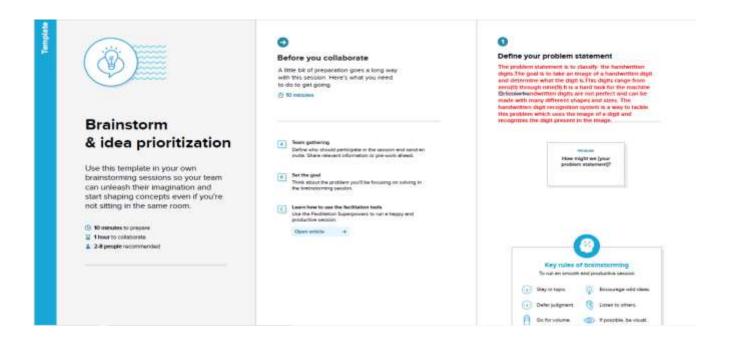
Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate,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

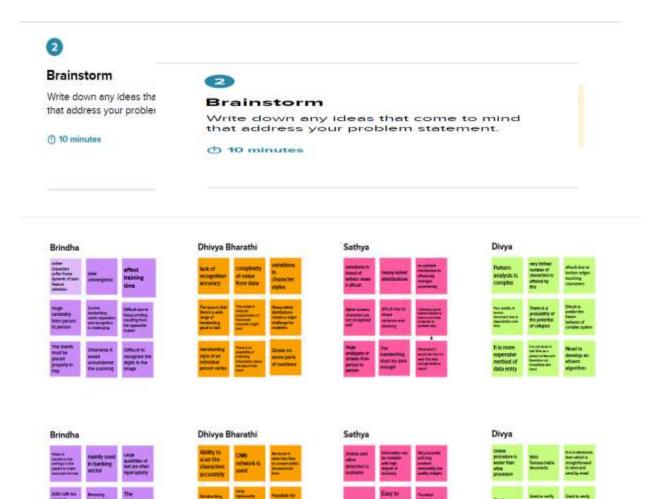
Reference:

https://app.mural.co/t/brainstorm2821/m/brainstorm2821/1664864847249/24b53b16ef97 0067ddbbd74b24b176265b67adf8?sender=u120cd7f143892485069f4869

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



Step-2: Brainstorm, Idea Listing and Grouping





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.

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TIP

Add customizable tags to story
notes to make it easier to find,
browse, organize, and
casegorize important ideas as
frames within and

Feature extraction step varies for every individual language and hence is not scalable It involved
Machine learning
methods like
Hidden Markov
Models(hmm)
svm etc.

The performance of artificial learning models is pretty limited due to manual feature extraction phase and their limited capacity of learning. Al requires a lot of data to train while obtaining huge corpus of labelled handwriting images for different languages is a cumbersome task

Used to augment the existing datasets. With the advent of deep learning came tremendous improvements in accuracy of handwriting recognition.

Training sets are used to train and adjust the weights of Artifcial Neural Network

Step-3: Idea Prioritization

