Ideation Phase
Brainstorm & Idea Prioritization Template

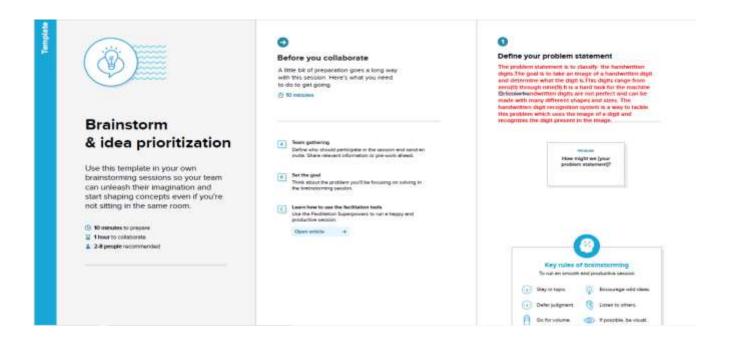| Date	19 September 2022
Team ID	IBM-Project-34324-1660234202
Project Name	A Novel Method For Handwritten Digital Recognition System
Maximum Marks	4 Marks

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.
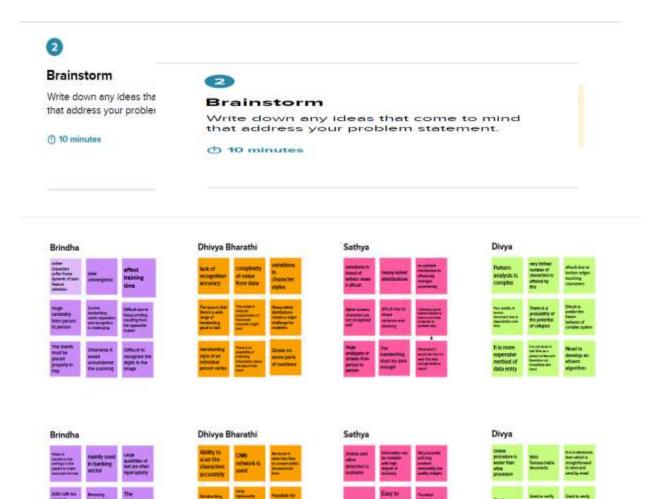
Reference:

https://app.mural.co/t/brainstorm2821/m/brainstorm2821/1664864847249/24b53b16ef970067ddbbd74b24b176265b67adf8?sender=u120cd7f143892485069f4869

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

Step-2: Brainstorm, Idea Listing and Grouping

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

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 artifcial learning models is pretty limited due to manual feature extraction phase and their limited capacity of learning.

AI 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

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?

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TIP

Participants can use their cursors to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the laser pointer holding the H key on the keyboard.