Ideation Phase
Brainstorm & Idea Prioritization Template

Date	17 September 2022
Team ID	PNT2022TMID39413
Project Name	Project- A Novel Method For Handwritten Digit Recognition System
Maximum Marks	4 Marks

A Novel Method For Handwritten Digit Recognition System

Brainstorm & Idea Prioritization Template:

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

Step-2 & 3: Brainstorm, Idea Listing and Grouping

2

Brainstorm

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

⏱ 10 minutes

Aravindhan

Bharathkumar

Nithish Kumar

Vivekanandhan

Person 5

Person 6

Person 7

Person 8

3

Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. In the last 10 minutes, 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

Programming Language

Dataset

Recognition

Analyse Accuracy

Step-4: 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?

Sticky notes on grid:
- MNIST Dataset can used
- Recognize the number
- Analyse the accuracy of the output
- Match the features with the dataset
- Recognised Different Handwriting
- Evaluate the Model
- Generate the Output
- Draw Image of the digit
- Read the input
- Import the libraries and load the dataset
- works by taking a picture of a handwritten text
- The goal is create a model which can recognize the digits but some for error and the person handwriting
- Offline Recognition

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.

Feasibility

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