

Date	19 September 2022
Team ID	PNT2022TMID32288
Project Name	A Novel Method for Handwritten Digit Recognition System
Maximum Marks	4 Marks

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.

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

[illegible]

Step-2: Brainstorm, Idea Listing and Grouping

2 Brainstorm

Though the goal of our research is to create a model for digit recognition and classification, it can also be extended to letters and an individual's handwriting

10 minutes

AARTHEV

Binary	Decimal	Matrix
Height	Width	Depth
Angle	Speed	Structure

AARTHIM

Lower Pixel	Upper Pixel	Angle
Stroke	Speed	Direction
Size	Thickness	Track

ABINAYASRI

Depth	Height	Width
Stroke	Speed	Direction
Angle	Thickness	Track

JAYASHREE.R

Picture	Number	Font
Color	Symbol	Style
Shape	Structure	Digit Spacing

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 can break it up into smaller sub-groups.

20 minutes

Layers

Depth	Height	Width	Lines
Conventional Layer	Pooling Layer		

Numbers

Binary	Matrix	Decimal	Whole Number
Rational Number	Real Number		

Character

Picture	Symbols	Font	Static
Number	Colors		

Handwriting

Shape	Structure	Style	Digit Spacing
Angle	Speed		

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



