

Ideation Phase

Brainstorm & Idea Prioritization

Date	15 October 2022
Team ID	PNT2022TMID22022
Project Name	A Novel Method for Handwritten Digit Recognition System
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

The problem statement is to classify the handwritten digits. The goal is to take an image of a handwritten digit and determine what the digit is. These digits range from zero(0) through nine(9). It is a hard task for the machine because handwritten digits are not perfect and can be made with many different shapes and sizes. The handwritten digit recognition system is a way to tackle this problem which uses the image of a digit and recognizes the digit present in the image.

Brainstorm, Idea Listing

1. Mohana Ganapathy.V

2. Harish.U

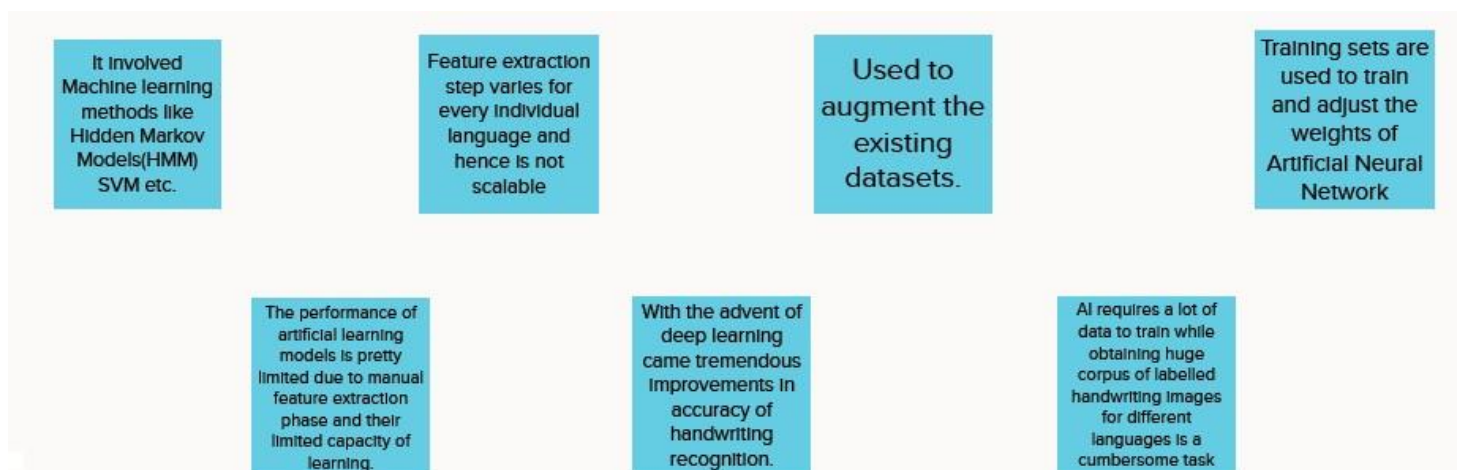
online characters suffer from dynamic of poor feature selection	slow convergence	affect training time	lack of recognition accuracy	complexity of noise from data	variations in character styles
Huge variability from person to person	Cursive handwriting makes separation and recognition is challenging	Difficult due to heavy printing resulting from the typewriter impact	The Issue is that there's a wide range of handwriting- good or bad	This makes it tricky for programmers of how every character might look	Heavy-tailed distributions remain a major challenge for modelers
The sheets must be placed properly in tray	Otherwise it would unnumbered the scanning	Difficult to recognize the digits in the image	Handwriting style of an individual person varies	There is no possibility of obtaining information about the type of the input	Stress on some parts of numbers

3. Chandru. A

4. Logeshwaran.S



Idea Prioritization Grouping:



Priority Ideas:

