

## Ideation Phase

### Define the Problem Statements

Date	30 SEPTEMBER 2022
Team ID	PNT2022TMID20722
Project Name	AI Based A Noval Method For Handwritten Digit Recognition System
Maximum Marks	2 Mark

#### Customer Problem Statement Template:

Handwriting Recognition has an active community of academics studying it. The biggest conferences for handwriting recognition are the International Conference on Frontiers in Handwriting Recognition (ICFHR), held in even-numbered years, and the International Conference on Document Analysis and Recognition (ICDAR), held in odd-numbered years. Both of these conferences are endorsed by the IEEE.

Reference: <https://miro.com/templates/customer-problem-statement/>



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Handwritten input from sources such as paper documents	The SVM classifier is the most accurate in terms of accuracy	automatically infer rules for recognizing handwritten digits	functional model is to maintain easiness while connecting the layers	machine learning and computer vision applications
PS-2	There are a number of ways and algorithms to recognize handwritten digits	The handwritten digit recognition is the ability of computers	These features are based on shape analysis of the digit image	The applications of digit recognition include in postal mail sorting,	ability of a computer to receive and interpret intelligible handwritten input from sources