Project Design Phase-I
Proposed Solution

Date	13 October 2022
Team ID	PNT2022TMID21878
Project Name	A Novel Method for Handwritten Digit Recognition System
Maximum Marks	2 Marks

Proposed Solution :

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	The size, width, orientation, and margin justification of the handwritten numerals are not always the same as those in printed text. Because every person has a unique handwriting.
2.	Idea / Solution description	The MNIST dataset can be used to recognise handwritten digits. The MNIST dataset includes 60000 practise photos of handwritten numbers beginning with 0 to 9 and 10,000 photos for testing.
3.	Novelty / Uniqueness	This system offers authentication so that users can retain their privacy and store data.
4.	Social Impact / Customer Satisfaction	The postal office and courier firms can quickly locate the written digits. There are several uses for handwriting recognition, including: reading postal codes, check amounts from the bank, and forms.
5.	Business Model (Revenue Model)	Utilised in the banking and postal sectors. Numerous handwritten numbers are used in the financial industry. Our method lessens the human errors.
6.	Scalability of the Solution	The handwritten digit is accurately and efficiently recognised.