Project Design Phase-I
Proposed Solution Template

Team ID	PNT2022TMID50703
Project Name	A NOVEL METHOD FOR HANDWRITTEN DIGIT RECOGNITION SYSTEM

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	• Its very difficult to recognize the handwritten digits because every individual in this world has their own style of writing. • Recognition accuracy and computation time still require further improvement.
2.	Idea / Solution description	• Handwritten digit recognized system to increase accuracy with minimum computation time.
3.	Novelty / Uniqueness	• To develop effective and reliable approach for recognition of handwritten digits using Deep Learning based Convolutional Neural Network(D-CNN).
4.	Social Impact / Customer Satisfaction	• Handwritten digit recognition is one of the practically important issues in pattern recognition applications. • This system is used for everything is being digitalized to reduce human effort.
5.	Business Model (Revenue Model)	• we are proposing to develop an automatic banking deposit number recognition system which is able to recognize the handwritten account number and amount number on the cash deposit slip.
6.	Scalability of the Solution	• Handwriting recognition is one of the most challenging areas of the pattern recognition. • My project is effective until put a even better solution depends on accuracy and computation time