

Project Design Phase-I
Proposed Solution Template

Date	27 October 2022
Team ID	PNT2022TMID04039
Project Name	A Novel Method for Handwritten Digit Recognition System
Maximum Marks	2 Marks

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)	The handwritten digit recognition is the capability of computer applications to recognize the human handwritten digits.
2.	Idea / Solution description	The computer fetches the mortal handwritten integers from different sources like images, papers, touch defences. It allows user to translate all those integers into electronic words.
3.	Novelty / Uniqueness	Accurately recognize the digits rather than recognizing all the characters like OCR.
4.	Social Impact / Customer Satisfaction	It converts the written word into digital approximations and utilizes complex algorithms to identify characters before churning out a digital approximation.
5.	Business Model (Revenue Model)	It can be used in traffic surveillance cameras to recognize the vehicle's number plates for effective traffic management.
6.	Scalability of the Solution	There is no limit in the number of digits it can be recognized. Ability to recognise digits in more noisy environments.