

Project Design Phase-I
Proposed Solution Template

Date	24 September 2022
Team ID	PNT2022TMID40359
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)	<ul style="list-style-type: none"> Recognition error of digit or alphabets
2.	Idea / Solution description	<ul style="list-style-type: none"> propose the program for errorless recognition. And adding codes and processing tools
3.	Novelty / Uniqueness	<ul style="list-style-type: none"> Create a more coding program Create a better platform and error free database Using better database, they can freely communicate with others
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> Postal department and courier services can easily find the digit written... Old peoples who will have eye sight issues with handwritten digits
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> Banking sector and postal sector by providing the services Also in courier centre for recognitions
6.	Scalability of the Solution	<ul style="list-style-type: none"> Character recognition is a key step toward artificial intelligence and computer vision field. To test the classification performance, pattern classification and machine learning communities use the problem of handwritten digit recognition as a model. In this paper, recognition of handwritten digit using convolutional neural network (CNN), high accuracy of MNIST digit classification