

Project Design Phase-I
Proposed Solution Template

Date	24 September 2022
Team ID	PNT2022TMID49379
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
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