

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID53257
Project Name	Project - 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)	To design an application that identifies numbers from written script.
2.	Idea / Solution description	Using the concepts of neural networks, an application will be created. From an image the user gives as input the application will identify the numbers in it and display it.
3.	Novelty / Uniqueness	We will provide the options to give mathematical operations from which they can choose. Accordingly the result will be displayed. Our application will only recognize digits and not all text like OCR.
4.	Social Impact / Customer Satisfaction	To correctly and accurately identify handwritten scriptures. This is to ease people when they don't understand something that's written somewhere. For example a prescription given by a doctor.
5.	Business Model (Revenue Model)	This application can be used in the world as well in places like i. Traffic surveillance - To make note of the license plate of vehicles. This application can be improved upon to solve complicated mathematical equations.
6.	Scalability of the Solution	It will be a very scalable application as it will be generic and easily adaptable.

