

Project Design Phase-I
Proposed Solution Template

Date	19 October 2022
Team ID	PNT2022TMID31590
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)	It is easy for the human to perform a task accurately by practicing it repeatedly and memorizing it for the next time. Human brain can process and analyse images easily. Also, recognize the different elements present in the images.
2.	Idea / Solution description	We presented a system for dealing with such problem. The system started by acquiring an image containing digits, this image was digitized using some optical devices and after applying some enhancements and modifications to the digits within the image it can be recognized using feed forward back propagation algorithm.
3.	Novelty / Uniqueness	Handwritten digits are made with many different flavours.
4.	Social Impact / Customer Satisfaction	The recommendation system and user Interface of the platform will satisfies the customers in detection of banks for reading cheques, vehicle numbers, post offices for arranging letters.
5.	Business Model (Revenue Model)	We are building a platform for the dealer so that he may sell his items through it and we will pay the dealer based on how well the consumer is satisfied with the product.
6.	Scalability of the Solution	We will charge dealers based on the quantity of goods they sell through our platform.