Project Design Phase-I
Proposed Solution

Date	24 September 2022
Team ID	PNT2022TMID30139
Project Name	A NOVEL METHOD FOR HANDWRITTEN DIGIT RECOGNITION SYSTEM
Maximum Marks	2 Marks

Proposed Solution:

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 element present in the images. In this competition, the goal is to correctly identify digits from a dataset of tens of thousands of handwritten images and experiment with different algorithms to learn what works well and how techniques compare.
2.	Idea / Solution description	Our model converts handwritten digits into digital form using DNN algorithm as the algorithm has low time consumption compared to other neural network algorithms and it also gives high accuracy. We also produce accuracy level along with output which is represented in graph.
3.	Novelty / Uniqueness	The primary motto of our model is to convert handwritten digits into digital form. In addition to that it also recognises special characters and produce output in digital form.
4.	Social Impact / Customer Satisfaction	When handwritten digits are converted into digital form it consumes more time. So we overcome that by our model.
5.	Business Model (Revenue Model)	Our system can be implemented in banking, post office, data entry etc..,
6.	Scalability of the Solution	It also helps many individuals to solve their problem.