Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID24889
Project Name	Project - Hand Written Digit Recognition
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)	Numerical data entry is an important work in most of the field which is more hectic to be carried out manually. It also consumes a lot of time thus affecting productivity. Therefore, developing a model to sort this issue is necessary.
2.	Idea / Solution description	The idea is to develop a hand written digit recognition model using neural network which can recognize the digits written in piece of paper like bank cheque thus making process of entering data into the computer easier.
3.	Novelty / Uniqueness	The model that we proposed has the following uniqueness: ◆ Makes data entry easier. ◆ Reduces human workload. ◆ Saves time and reduces error. ◆ Fast and cost effective.
4.	Social Impact / Customer Satisfaction	The proposed model helps the customer in easy entry of numerical data. It helps them in reducing the error and is cost effective.
5.	Business Model (Revenue Model)	◆ For government model, it can be made free for the users however for the government organisations we can lease our services for a discounted price. ◆ For private model, we can lease our services for the full price and depending on the private organisation's guidelines they can charge or make it free for the users
6.	Scalability of the Solution	In the future instead of just recognizing the numbers, our project will be able to recognize letters and words as well as, will be able to distinguish different languages.