Project Design Phase-I
Proposed Solution Template

Date	25 October 2022
Team ID	PNT2022TMID36983
Project Name	A Novel method for handwritten digit recognition system.
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Making the computers capable of identifying and understanding handwritten digits or characters automatically.
2.	Idea / Solution description	We use artificial neural networks to train these images and build a deep learning model.
3.	Novelty / Uniqueness	Image of handwritten notes are uploaded using web application, this model is analyzed by the model and the detected result is returned on to UI.
4.	Social Impact / Customer Satisfaction	There is a need in real time applications for handwritten digit recognition. Our app helps to overcome it and also gets the feedback from the customers.
5.	Business Model (Revenue Model)	Platform is free to afford. For watermark free output document the customers want to afford separately.
6.	Scalability of the Solution	Address the problem by using online handwriting data collection for a large scale production online handwriting recognition system.