Project Design Phase-I
Proposed Solution Template

Date	22 September 2022
Team ID	PNT2022TMID26041
Project Name	Project – 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)**	Poor , unique style and lack of understanding of handwritten digits.
2.	**Idea / Solution description**	The idea is simple as that we have to provide an image as the input. The image which is given as the input will be scanned. After the process of scanning, the input image will be converted into digits which will be accurate and easy to access. .
3.	**Novelty / Uniqueness**	The dataset contains a total of 70,000 images of handwritten digits from 0-9 formatted.
4.	**Social Impact / Customer Satisfaction**	Convert handwritten digit into machine readable formats at high accuracy and speed.\n\nAn account can hold multiple profiles at different subscription levels.
5.	**Business Model (Revenue Model)**	To ensure effective and reliable approaches for recognition of handwritten digits and make banking operation easier and error free.
6.	**Scalability of the Solution**	Design the neural network and train the model with new images and save it for future use.