Project Design Phase-I
Proposed Solution

Date	29 September 2022
Team ID	PNT2022TMID52735
Project Name	A Novel Method for Hand Written Digit Recognition
Maximum Marks	2 Marks

Proposed Solution:

S. No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	It is the hard task for the machine because handwritten digits are not perfect and can be made with many different flavours. To extract the digits from the image and recognize the digits.
2.	Idea / Solution description	To provide an efficient and feasible system for handwritten digits which uses image of the digit and recognize the digit present in the image.
3.	Novelty / Uniqueness	- Use VGG 16 algorithm to recognize the digits - To create a GUI
4.	Social Impact / Customer Satisfaction	- To process the bank cheque - To help the researchers - For paper evaluation
5.	Business Model (Revenue Model)	By using this solution - Manpower can be reduced. - Help the teachers to evaluate the papers easily without manual correction - Helps the bank to verify the account number from cheques without manual checking
6.	Scalability of the Solution	It can be used and implemented in any device.