Project Design Phase-I
Proposed Solution

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	The digits that are wrote manually can be found of various sizes, shapes, thickness and directions which may lead to various difficulties that can be sorted out by using handwritten digit recognition
2.	Idea / Solution description	In order to overcome the above problem we will be implementing a classification algorithm that will be helpful to recognize the handwritten digits. This would be an efficient and an easy way to classify and recognize digits which has different appearances.
3.	Novelty / Uniqueness	✓ Result is found to be accurate by providing more number of dataset ✓ Can be used offline ✓ Digit can be recognized irrespective to their colour or background or text
4.	Social Impact / Customer Satisfaction	The main social impact of this project is to ensure the accuracy of recognizing the handwritten digits and implementing them may help customers find an easy way to recognize the handwritten digits in banking operations or in any other financial related works.
5.	Business Model (Revenue Model)	This method of handwritten digit recognition has been successfully achieved by many industries such as financial sectors, bank check processing, postal mail sorting, form data entry etc. Humans can find difficult to sort postal related mails or to enter the form data where our solution come into action which

		recognizes the handwritten digits with an high accuracy and makes the humans work more simpler and easier.
6.	Scalability of the Solution	Financial and many other sectors of today's business organizations need to work with handwritten digits which is facing various issues while recognizing them and misclassified digits. These issues can be handled by using our handwritten digit recognition project. Our proposed solution is found to be more scalable as it is being trained with AI and deep learning models and can be made to work with dynamic inputs.