Project Design Phase-I
Proposed Solution

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Every person has different writing style, so it is very difficult for machine to recognize these characters. Also, they look very similar, making it hard for a computer to recognise accurately. There is no possibility of obtaining information about the type of the input and the text must be separated into characters or words.
2.	Idea / Solution description	Our idea is to design a model will be able to recognize and classify the handwritten digits from images by using deep learning concepts.
3.	Novelty / Uniqueness	The system not only produces a classification of the digit but also a rich description of the instantiation parameters which can yield information such as the writing style
4.	Social Impact / Customer Satisfaction	Digit recognition system is the working of a machine to train itself or recognizing the digits from different sources like emails, bank cheque, papers, images, etc. and in different real-world scenarios for online handwriting recognition on computer tablets or system, recognize number plates of vehicles, processing bank cheque amounts, numeric entries in forms filled by hand.
5.	Business Model (Revenue Model)	We are building an application to scan the handwritten documents to recognize the digits.
6.	Scalability of the Solution	This model can be expanded to include more attributes for more accurate detection.