

PROJECT DESIGN
PHASE-I
PROPOSED SOLUTION

Date	24 September 2022
Team ID	PNT2022TMID00066
Project Name	Project –A Novel Method For Handwritten Digit Recognition System.

PROPOSED SOLUTION TEMPLATE:

S.No.	Parameter	Description
1.	PROBLEM STATEMENT	The handwritten digit recognition is the ability of computers to recognize human handwritten digits. It is a hard task for the machine because handwritten digits are not perfect and can be made with many different styles. The handwritten digit recognition is the solution to this problem which uses the image of a digit and recognizes the digit present in the image.
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	<ul style="list-style-type: none">• Prediction of digits are more accurate.• It will be an easy process to scan the digits instead of entering it manually.
4.	SOCIAL IMPACT	<ul style="list-style-type: none">• It reduces the unnecessary writing of digits repeatedly.• Any person even without the knowledge of this process can use this.• The writings can be printed as many times as it is needed.
5.	BUSINESS MODEL	<ul style="list-style-type: none">• We can provide pop-up ads, overlay ads, and other advertising services from third party advertisers.• An account can hold multiple profiles at different subscription levels.
6.	FEASIBILITY OF IDEA	<ul style="list-style-type: none">• It can be used in laptop, pc and mobile phones.• There is no leakage of data as it can be used offline.
7.	SCALABILITY OF SOLUTION	<ul style="list-style-type: none">• Accuracy scores can be enhanced in the later versions.• Enhancing easy recognition in any type of lightings.