PROJECT DESIGN PHASE-1

PROPOSED SOLUTION TEMPLATE

DATE	11 October 2022
TEAM ID	PNT2022TMID39257
PROJECT NAME	A Novel Method for Handwritten Digital Recognition System
MAXIMUM MARKS	2 Marks

Proposed Solution:

S.NO	Parameter	Description
1	**Problem Statement (problem to be solved)**	**Statement:** The handwritten digit recognition is the capacity of computer application to recognize the human handwritten digits. **Description:** It is a hard task for the machine because handwritten digits are not perfect and can be made with many different shapes and sizes
2	**Idea/Solution description**	**1**. It is the capacity of a computer to fete the mortal handwritten integers from different sources like images, papers, touch defences. **2**. It allows user to translate all those signature and notes into electronic words in a text document format and this data only requires far less physical space than the storage of the physical copies.
3	**Novelty/Uniqueness**	Accurately recognize the digits rather than recognizing all the characteristics like OCR.
4	**Social Impact/Customer Satisfaction**	**1.** Artificial Intelligence developed the app called Handwritten digit Recognizer. **2.** It converts the written word into digital approximations and utilizes complex algorithms to identify characters before churning out a digital approximation.
5	**Business Model(Revenue Model)**	This system can be integrated with traffic surveillance cameras to recognizes the vehicle's number plates for effective traffic management