

Project Design Phase-I Proposed Solution Template

Team ID	PNT2022TMID38603
Project Name	Project - A Novel Method for Handwritten Digit Recognition System

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Handwritten are difficult to understand by users. Handwritten may vary for different people's. Sometimes it makes harder to understand what's written in it. We have to convert that handwritten into a common format which anyone can understand.
2.	Idea / Solution description	We have to train our model with datasets and ready to perform. Then we have to create application with user friendly interface where the user can upload the image which contains handwritten. Then our model will convert the digits into binary format and then convert to user understandable text format.
3.	Novelty / Uniqueness	*Live scanning of digit included with upload image option. *Our AI will also format the special type of digits also.
4.	Social Impact / Customer Satisfaction	User interface will be quiet friendly to the user. The Machine text format will be very easy for the user to understand than any other format.
5.	Business Model (Revenue Model)	*In medical field it will be useful to understand the doctor's handwritten prescription. *In education field it will easily convert the handwritten notes into document format.
6.	Scalability of the Solution	It will scan almost all types of handwritten and provides the maximum accuracy.