Project Design Phase-I
Proposed Solution Template

Date	24 September 2022
Team ID	
Project Name	A Novel Method for Handwritten Digit Recognition System
Maximum Marks	2 Marks

Proposed Solution

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	the digit input by the user should be recognized by the system/machine
2.	Idea / Solution description	build a machine learning model using neural networks and CNN that captures the similar patterns from image dataset
3.	Novelty / Uniqueness	each user has different and unique handwriting, the model used in this project is capable of recognizing the digits written in different ways efficiently and accurately
4.	Social Impact / Customer Satisfaction	accurate prediction, fastness in the prediction
5.	Business Model (Revenue Model)	it can be used as a full-fledged software by traffic control centers for number plate recognition and in banks
6.	Scalability of the Solution	digits in different languages can be included to be recognized in the future