Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	IBM-Project-9577-1659022915
Project Name	A Novel method for hand written digit recognition system
Maximum Marks	2 Marks

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)	With the progress in the field of science and technology,everything is being digitized to reduce human effort.Hence there comes the need for handwritten digit recognition system in real time applications
2.	Idea / Solution description	To create a model that will be able to recognize and determine the handwritten digits from its image by using the concepts of ConvolutionNeural Network. Though the goal is to create a model which can recognize the digits, it can be extended to letters and an individual's handwriting. The major goal of the proposed system is understanding Convolutional Neural Network, and applying it to the handwritten recognition system
3.	Novelty / Uniqueness	Uses advanced digital techniques Compared to conventional techniques accuracy is high
4.	Social Impact / Customer Satisfaction	Has impact on physically impaired people and helps them in terms of safety
5.	Business Model (Revenue Model)	Cyber security applications
6.	Scalability of the Solution	Uses CNN techniques for improved scalability