**Project Design Phase-I**

**Proposed Solution Template**

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| Date | 29 September 2022 |
| Team ID | PNT2022TMID50532 |
| Project Name | A Novel Method for Handwritten Digit Recognition System |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

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

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| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | To Identify and understand handwritten digits automatically by computer |
|  | Idea / Solution description | To Recognize handwritten digits using MNIST data set with the help of neural network |
|  | Novelty / Uniqueness | Possibility to recognize handwritten Double digits and also characters |
|  | Social Impact / Customer Satisfaction | Bank Check Processing,Numer Plate Verification,Post Mail Sorting,Form Data Entry |
|  | Business Model (Revenue Model) | Digit Recognizer Voice Assistant for blind people |
|  | Scalability of the Solution | Increase the accuracy by training and testing different datasets and algorithms |