**Project Design Phase-I**

**Proposed Solution Template**

| Date | 29/9/2022 |
| --- | --- |
| Team ID | PNT2022TMID50525 |
| Project Name | A Novel Method For Handwritten Digit Recognition |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

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

| **S.No.** | **Parameter** | **Description** |
| --- | --- | --- |
|  | Problem Statement (Problem to be solved) | To identify and understand handwritten digits are automatically by computers. |
|  | Idea / Solution description | Use the MNIST (Modified National Institute of Standards and Technology) database for handwritten digits and trained by convolutional neurol network. |
|  | Novelty / Uniqueness | It is predictable to recognize handwritten characters in an image. |
|  | Social Impact / Customer Satisfaction | Offline Recognition, Signature Verification, Postal-Address Interpretation, Bank Check Processing, Writer Recognition. |
|  | Business Model (Revenue Model) | Language recognizer and translator. |
|  | Scalability of the Solution | Increase the accuracy by iteration process. |