**Project Design Phase-I**

**Proposed Solution Template**

|  |  |
| --- | --- |
| Date | 19 September 2022 |
| Team ID | PNT2022TMID34173 |
| 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.

|  |  |  |
| --- | --- | --- |
| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | To ensure a Handwritten Digit Recognition using AI based technology to identify and understand handwritten digits automatically. |
|  | Idea / Solution description | To ensure the handwritten digit using MNIST data set for this recognition process and it has a 70000 handwritten digits. |
|  | Novelty / Uniqueness | Easy to convert handwritten digit into machine readable formats. |
|  | Social Impact / Customer Satisfaction | Economically affordable and Web application is created where the user can upload an image of a handwritten digit. |
|  | Business Model (Revenue Model) | It makes banking operations easier and error free.It is used in PDA and tablet PCs. |
|  | Scalability of the Solution | Best design practices using right tools and frame work to increase the throughput.Best method for identify and understand the handwritten digit for customer satisfaction. |