Project Design Phase-I Proposed Solution

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID33418 |
| Project Name | Project -A Novel Handwritten method for digit recognition |
| Maximum Marks | 2 Marks |

**Proposed Solution:**

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

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| **S.No** | **Parameter** | **Description** |
| 1. | Problem Statement (Problem to be  solved) | To Identify the complex handwritten digits by using Deep Learning Model. |
| 2. | Idea / Solution description | To train the deep learning model to identify the more complex handwritten digits by adding more numbers of data inside the MNIST Dataset. |
| 3. | Novelty / Uniqueness | In our Deep learning model, we add additional data inside the MNIST Dataset and we provide instant update options to make the model unique. |
| 4. | Social Impact / Customer Satisfaction | Customers can easily identify the handwritten digits by using this model. It reduces so much of time when the time of data entry jobs |
| 5. | Business Model (Revenue Model) | Our model should be very helpful where the digit recognition is important like bank, post office etc.  It provides a lot of profits to the creator. |
| 6. | Scalability of the Solution | Our model can identify the more complex handwritten digits easily, even though if the digit is not clear. But, the digits should be captured clearly to get the accurate results. |