

**Project Design Phase-I**  
**Proposed Solution Template**

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|---------------|--|
| Date          | 19 September 2022  |
| Team ID       | PNT2022TMID41253   |
| Project Name  | Project - A NOVEL METHOD FOR<br>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  |
|-------|--|--|
| 1.    | Problem Statement (Problem to be solved) | Conversion of Hand Written raw Document Data (Digits) into equivalent Digital Data.            |
| 2.    | Idea / Solution description              | Recognizing the Hand Written Data and Converting it using CNN Algorithm                        |
| 3.    | Novelty / Uniqueness                     | Bring up more accuracy with CNN when compared to ANN or GAN Algorithm                          |
| 4.    | Social Impact / Customer Satisfaction    | Easy and Accurate results with the CNN Algorithm rather than wasting time on manual conversion |
| 5.    | Business Model (Revenue Model)           | Free of Cost Model   |
| 6.    | Scalability of the Solution              | Many Different Hand Writings can be classified into 1 of 10 Classifications.                   |