Project Design Phase-I Proposed Solution Template

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID47740 |
| Project Name | Project – 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** |
| 1. | Problem Statement (Problem to be  solved) | We can make a system that will recognizise the handwriting from image and display in text. |
| 2. | Idea / Solution description | It’s very easy to identify the different types of hand written and digits. |
| 3. | Novelty / Uniqueness | The handwriting OCR technology is extremely accurate in translating fonts and text types to accurate digital text. |
| 4. | Social Impact / Customer Satisfaction | The application of digit recognition includes in postal mails sorting,bank check processing , from data entry,etc. |
| 5. | Business Model (Revenue Model) | The handwriting to be recognized is digitized through scanners or cameras.the image of the document is segmented into lines,words and individual characters.using the lexicons or spelling checkers. |
| 6. | Scalability of the Solution | After training and testing the accuracy rate reached 99% .this accuracy rate is very high.the overall recognition system was successful. |