**PROPOSED SOLUTION**

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| Date | 11th October, 2022 |
| Team ID | PNT2022TMID28868 |
| Project Name | A Novel Method for Handwritten Digit Recognition System |
| Maximum Marks | 2 Marks |

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| **S. No** | **Parameter** | **Description** |
| 1. | Problem Statement | To develop a system that will identify the handwritten digit correctly |
| 2. | Idea / Solution Description | 1. Predict the digit using deep learning algorithms 2. Ensure the correct prediction of digit |
| 3. | Novelty / Uniqueness | 1. Predict the digits instantly 2. Recognizing digits irrespective of the varying handwriting styles |
| 4. | Social impact / Customer Satisfaction | Serves workers at postal offices and bank, where it can be used for mail sorting and check processing. Also helpful in data form entry |
| 5. | Business Model | 1. Collaboration with postal office and banks. And other corporations using database 2. Saves time and cost with manual labor |
| 6. | Scalability of the Solution | 1. Fine tuning the model aiming to produce more accurate results 2. Making it independent with less human intervention |