

Project Design Phase-I
Proposed Solution Template

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| Date | 24 September 2022 |
| Team ID | PNT2022TMID45157 |
| Project Name | Project – A Novel method for handwritten digit recognition system |
| Maximum Marks | 2 Marks |

Proposed Solution Template:

| S.No. | Parameter | Description |
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| 1. | Problem Statement (Problem to be solved) | Extracting the text from handwritten digits using images. |
| 2. | Idea / Solution description | Various AI/ML packages are used to analyse, train the model based on the problem statement. |
| 3. | Novelty / Uniqueness | It can recognize different varieties of handwriting patterns. |
| 4. | Social Impact / Customer Satisfaction | This system can be used to recognize the number plates in vehicles, postal codes & phone numbers etc... |
| 5. | Business Model (Revenue Model) | We are building a service that can be integrated into any application and pricing model will be based on the usage of the model. |
| 6. | Scalability of the Solution | This can be extended to recognizing letters in English as a base testing and even extended to different languages. |