**Project Design Phase-II**

**Solution Requirements (Functional & Non-functional)**

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| Date | 11 November 2022 |
| Team ID | PNT2022TMID21423 |
| Project Name | Project - A Novel Method for handwritten digit  recognition system |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

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| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | Application | Develop an user application for handwritten digit recognition  Make user familier with the application by giving them a video about procedure. |
| FR-2 | Users | User create an account by using mail and password  Uploading an image as a input by users  Users can able to view resultant image |
| FR-3 | Input image | User can upload an image in any image format  Let users can also upload image in various sizes  But images must not be in unsupported image formats. |
| FR-4 | Output | Output screen must Display the result image.  Image can be change according to the users requiements  Output image can provide accurate results. |

**Non-functional Requirements:**

Following are the non-functional requirements of the proposed solution.

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| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | This application should be used in both mobile and computers. |
| NFR-2 | **Security** | User security must be priority In the application |
| NFR-3 | **Reliability** | This application will give an accurate result |
| NFR-4 | **Performance** | Application will give an high performance(fast and speed ) |
| NFR-5 | **Availability** | This application must be available in all situation. |
| NFR-6 | **Scalability** | This application must be scalability. |