**Project Design Phase-II**

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

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| Date | 03 October 2022 |
| Team ID | PNT2022TMID33418 |
| Project Name | Project – A Novel Handwritten method for digit recognition |
| 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 | User Registration | Registration through Form  Registration through Gmail  Registration through Phone Number |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP  Confirmation via Messages |
| FR-3 | User Security | Enable password security  Authorization process available |
| FR-4 | User Interface | Simple User Interface  Easy to Understand |
| FR-5 | System Performance | Easy to use without lagging and good performance |
| FR-6 | Tracking | It should contain a history of usage |

**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** | It contains a good user interface to every one |
| NFR-2 | **Security** | It contains a password for authorization |
| NFR-3 | **Reliability** | This should be error free and without bug to use |
| NFR-4 | **Performance** | It contains a good performance |
| NFR-5 | **Availability** | It should be available to both online and offline mode |
| NFR-6 | **Scalability** | It should be scalable when more of users working in the application |