**Project Design Phase-II**

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

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| Team ID | PNT2022TMID50751 |
| Project Name | 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 | User Registration | No registration needed |
| FR-2 | User Confirmation | Upload a handwritten digit image in a supported format. |
| FR-3 | Web Browser | Mobile or Desktop browser is needed to make use of digit recognition. |

**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** | Simple to understand the UI and easy to get the recognition of handwritten digits. |
| NFR-2 | **Security** | No security measures are taken for our application |
| NFR-3 | **Reliability** | Withstand without any occurrence of error for a long period of time |
| NFR-4 | **Performance** | Should reduce the delay in information when hundreds of requests are given. |
| NFR-5 | **Availability** | Information is restricted to each users limited access |
| NFR-6 | **Scalability** | Large number of users can recognize the digits at a time without any restriction. |