

Project Design Phase-II
Solution Requirements (Functional & Non-functional)

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| Date | 03 October 2022 |
| Team ID | PNT2022TMID45366 |
| Project Name | Project –A Novel method for Digit Recognition System |
| Maximum Marks | 4 Marks |

Functional Requirements:

Following are the functional requirements of the proposed solution.

| FR No. | Functional Requirement (Epic) | Sub Requirement (Story / Sub-Task) |
|--------|-------------------------------|--|
| FR-1 | User Registration | Needs to get login for uploading the documents |
| FR-2 | User Confirmation | Confirmation via Email Confirmation via OTP |
| FR-3 | Authentication | Verifies the user |
| FR-4 | Providing hand written digits | As input the document is given and its processed for the recognition |
| FR-5 | Recognizing the digits | The recognized digits will be as the expected accuracy of the output |

Non-functional Requirements:

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

| FR No. | Non-Functional Requirement | Description |
|--------|----------------------------|---|
| NFR-1 | Usability | The application is user friendly |
| NFR-2 | Security | The converted data is fully secured |
| NFR-3 | Reliability | It is reliable and used for all types of recognizing |
| NFR-4 | Performance | Recognizing the handwritten digits and texts is very accurate and clear |
| NFR-5 | Availability | Deployed in the cloud and it is easily accessible |
| NFR-6 | Scalability | It can be used by all kind of people and recognized the digits |