

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

Date	03 October 2022
Team ID	PNT2022TMID00426
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.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Authentication	Verify the user
FR-4	Provide handwritten digits	Give input to the application to read the handwritten digits.
FR-5	Recognition of digits	Recognized digits are shown with higher accuracy.

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	Data is secured.
NFR-3	Reliability	Highly reliable and authentic
NFR-4	Performance	Recognition of handwritten digits is accurate.
NFR-5	Availability	Deployed in cloud so it is accessible.
NFR-6	Scalability	This application can be used by people working in different fields and environment at ease.