

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	03 October 2022
Team ID	PNT2022TMID18609
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.

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 interface	API interface to system should be friendly
FR-4	User feedback	Submit their queries and feedback forms about app/software (24*7 hours)
FR-5	Storage	Storage data in cloud services

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description	Requirement
NFR-1	Usability	How effectively users can learn, use or control the solution/system How easy is it to learn and use? Does it support accessibility standards	User friendly
NFR-2	Security	A system's ability to prohibited unauthorized access, usage, or behaviour modification while providing service to authorized users	prohibited unauthorized services
NFR-3	Reliability	The system can perform without failure in 95 percent of the user cases	Accuracy in find hand written recognized
NFR-4	Performance	Performance can measured using execution time, throughput and accuracy	Response time
NFR-5	Availability	The web dashboard must be available toall users 99.98 percent of the time every month during the business hours	Available at business hours
NFR-6	Scalability	The ability of the solution or system to increase its capacity to server clients and/ or increasing processing rate to match demand	The number of concurrent players in the app/software/ web dashboard