

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

Date	15 October 2022
Team ID	PNT2022TMID49570
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 uploading image	Upload through Local system
FR-2	Image verification	Verification via pop-up message
FR-3	Getting the result	Get result via user Interface

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	People with no understanding to upload the image must be able to upload the image.
NFR-2	<b>Security</b>	Access permission for the local system must be given by the system's data administrator.
NFR-3	<b>Reliability</b>	The system will intimate the user to reupload the image if any failure occurs.
NFR-4	<b>Performance</b>	The front-page load time must be within few seconds.
NFR-5	<b>Availability</b>	New module deployment must not impact front page and main page.
NFR-6	<b>Scalability</b>	The website traffic limit must be scalable.