

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

Date	01.11.2022
Team ID	PNT2022TMID39912
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.

<b>FR No.</b>	<b>Functional Requirement (Epic)</b>	<b>Sub Requirement (Story / Sub-Task)</b>
FR-1	User Registration	Registration through google Registration through Gmail
FR-2	User Confirmation	Confirmation via Email Confirmation
FR-3	Datasets	MNIST Datasets can be Imported

**Non-functional Requirements:**

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

<b>FR No.</b>	<b>Non-Functional Requirement</b>	<b>Description</b>
NFR-1	<b>Usability</b>	It can be used for several application to identify the Digit Recognition like Number plate recognition, Postal identification, etc.
NFR-2	<b>Security</b>	Image once uploaded are not stored so it could give a secure data.
NFR-3	<b>Reliability</b>	It is reliable and the data can accurate after training.
NFR-4	<b>Performance</b>	Every time the datasets gets trained the accuracy gets improved and easy UI.
NFR-5	<b>Availability</b>	Available to use anytime and anywhere.
NFR-6	<b>Scalability</b>	Due to web application the Digit Recognition can be improve the efficiency and accommodate with expansion of the application.