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

Date	26 October 2022
Team ID	PNT2022TMID39143
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 HTML Form
FR-2	User Input Confirmation	Confirmation via Validation
FR-3	Analyse the Input	Processing the input with the model
FR-4	Compare the Input	Analyse the input with the Classifiers and the Dataset
FR-5	Predict the Accuracy	Get the value with High Accuracy
FR-6	Display the Output	Display the Output in Main Screen

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The applications of digit recognition include in postal mail sorting, bank check processing, form data entry, etc.
NFR-2	**Security**	In registering, security is the strategies for guaranteeing that information put away in a PC can't be perused or bargained by any people without approval.
NFR-3	**Reliability**	Unwavering quality is a property of any PC related part that reliably performs as indicated by its determinations. It has for sometime been viewed as one of three related qualities that should be considered when making, purchasing, or utilizing a PC item or part.
NFR-4	**Performance**	Execution relying upon the connection, high PC execution might include one or a greater amount of the accompanying: Short reaction time for a given bit of work.

NFR-5	**Availability**	A framework constantly accessible with its all assets are viewed as fruitful.
NFR-6	**Scalability**	Handwritten Digit Recognition based on Multi-features, Convenience is a trademark credited to a PC program in the event that it can be utilized as a part of working frameworks other than the one in which it was made without requiring major revamp. Porting is the assignment of doing any work important to make the PC program keep running in the new environment.