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

Date	03 October 2022
Team ID	PNT2022TMID20840
Project Name	Project – A Novel Method For Handwritten Digit Recognition System
Maximum Marks	4 Marks
Team Members	Bharathraj R, Manoj E, Narenderan S, Sakthivel M

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	Upload a handwritten image	Put original image Put original handwritten
FR-4	Check with digit recognition	Compare with digit system Get a understanding image

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The application include in postal mail sorting ,bank check processing,form data entry.
NFR-2	**Security**	Because SVM classifier perform the best.
NFR-3	**Reliability**	The divercity in human writing types,spacing differences,and irregulations of handwriting causes less character recognition as you can see in the future image.
NFR-4	**Performance**	Most standards implementation of neural network achive an accuracy of (98-99)percent in correctly classifying the handwritten digits.
NFR-5	**Availability**	It available for postal department and banking systems.
NFR-6	**Scalability**	The goal of our research work is to develop scalable Neural Network(NN)and convolutional.