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

Date	03 October 2022
Team ID	PNT2022TMID24826IBM
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	Customer Information	Gather information
FR-2	Handwritten Character Recognition	As a user, I can recognize a handwritten character by using the concept of Neural Network
FR-3	Pattern Recognition	As a user, I can recognize the pattern of the digits which I am entering by using two different methods.
FR-4	Simulation	As a user, I can recognize the handwritten digits and stimulate it accordingly

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Usability is a quality attribute that assesses how easy user interfaces are to use.
NFR-2	**Security**	The quality or state of being secure such as a freedom from danger ,safety.
NFR-3	**Reliability**	The quality of being trustworthy or of performing consistently well."the car's background gives me every confidence in its reliability"
NFR-4	**Performance**	The definition of performance is how effective something or someone is at doing a good job
NFR-5	**Availability**	The simplest representation of availability (A) is a ratio of the expected value of the uptime of a system to the aggregate of the

		expected values of up and down time
NFR-6	**Scalability**	The ability of a computing process to be used or produced in a range of capabilities. "the key is the scalability of the software"