

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

Date	10 October 2022
Team ID	PNT2022TMID17749
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	Collecting MNIST data	Image dataset undergoes preprocessing
FR-2	Text identification	Text is identified using CNN model
FR-3	Detect handwritten	Handwritten is detected through CNN model
FR-4	Digit recognition	Number in the image is identified

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Model is safe to install
NFR-2	Security	Highly secured
NFR-3	Performance	Model will reach greater accuracy
NFR-4	Availability	Model is available at all time