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

Date	20 October 2022
Team ID	PNT2022TMID00221
Project Name	A gesture-based tool for sterile browsing of Radiology images.
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 is done while using the application.
FR-2	User Confirmation	Confirmation is done by many methods like sending OTP to the user Mail or phone number.
FR-3	Authentication	Authentication is done by the user when the user is using the application to scan the radiology images.
FR-4	Network	Ethernet or Wi-Fi should be provide throughout to improve the performance of the application to access the resources.
FR-5	Sterile environment	Sterile environment without any interferences is required.
FR-6	Clarity of Images	The test and trained images must be visibility and easily recognizable.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Images can be accessed with no direct contact and communicate with the gesture itself
NFR-2	Security	The only form to maintain the security in the web Application is by Encrypting the data which will not be hacked.
NFR-3	Reliability	Easy to use, which will recognize the gesture images without the contact.
NFR-4	Performance	The recognition of the gesture images is normally speed and accuracy is maintained.
NFR-5	Availability	It is available only to the people who has authority to access the resources or application.
NFR-6	Scalability	Scalability is commonly high where the multiple users can use the application from anywhere at any time.