

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

Date	08 November 2022
Team ID	PNT2022TMID33664
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 through Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Authentication	Ensures the correct user logs into the system.
FR-4	Confirmation	For confirmation verification mail is send to the user for the first time log in into the system.
FR-5	Tracking	Keep tracking through the users gesture by using sensors
FR-6	Posture Identification	A system will keep identifying the hand posture to access in fast way

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The interface is easy to learn and navigate; buttons, headings, and help/error messages are simple to understand
NFR-2	Security	They assuring all data inside the system or its part will be protected against malware attacks or unauthorized access.
NFR-3	Reliability	Avoid, detect or tolerate faults in the software and so ensure that these faults do not lead to system failure
NFR-4	Performance	The software's speed of response is fast, throughput, execution time and storage capacity is

		too experienceable.
NFR-5	Availability	The system is accessible to a user at a given point in time.
NFR-6	Scalability	The system is able to accommodate larger volumes (whether of users, throughput, data) over time.