

Project Design Phase-II
SOLUTION REQUIREMENTS
(FUNCTIONAL & NON-FUNCTIONAL)

Date	31 October 2022
Team ID	PNT2022TMID15106
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 G-mail.
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	External Interfaces	Microphone, Camera Ethernet, Wi-Fi and USB dongle to provide internet facilities
FR-4	Reporting	If any issues are faced by the customer or user, it will be directly notified to the developer.
FR-5	Compliance to Rules or Laws	Privacy policy, Terms and Conditions, End user agreement.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Can be used for many purposes some of them important are: <ul style="list-style-type: none">● Communicate with Computer via Hand Sign● Able to control IOT via Hand Sign
NFR-2	Security	It is a Web Application platform which is secured by “Encrypting the user data”
NFR-3	Reliability	With this software the users can do many things example: <ul style="list-style-type: none">● Surf on the internet● Communicate with Computer● Controlling IOTs
NFR-4	Performance	The Performance of the software is high because <ul style="list-style-type: none">● The speed and accuracy are high● It Upgrades the lifestyle of human beings by controlling things via hand signs
NFR-5	Availability	The Demand for this technology is high cause with this: <ul style="list-style-type: none">● We can control over object● Able to use wave screen technology● Able to control the cars etc..
NFR-6	Scalability	In future we can develop the cars that would be controlled by hand gestures.