

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

DATE	18 October 2022
TEAM ID	PNT2022TMID31290
PROJECT NAME	A Gesture - Based Tool for Sterile Browsing of Radiology Ideations Images
MAXIMUM MARKS	4 Marks
MENTOR	Yathavaraj

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 at the Registration and login page at Web application
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Authentication	Through Password authentication protocol
FR-4	External Interfaces	Microphone, Camera Ethernet, Wi-Fi and USB dongle to provide internet facilities
FR-5	Reporting	If any issues are faced by the customer or user, it will be directly notified to the developer.
FR-6	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 being controlled by hand gestures