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

DATE	**21 October 2022**
TEAM ID	PNT2022TMID04639
PROJECT NAME	**A Gesture - Based Tool for Sterile Browsing of Radiology Ideations 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 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: ● 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: ● Surf on the internet ● Communicate with Computer ● Controlling IOTs
NFR-4	Performance	The Performance of the software is high because ● 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: ● 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