

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

DATE	22 October 2022
TEAM ID	PNT2022TMID29553
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	Identifying User Gestures	The images of gestures are identified using the camera.
FR-2	Deployment in Cloud	The trained Deep Learning Model is deployed in cloud, which could be accessed anywhere around the world .
FR-3	User Interface	User interface helps user to interact with our model.
FR-4	Gesture related to application	The model should be trained with the gestures related to the application domain.
FR-5	Reporting	In case issues are faced by the user, it will be notified to the developer.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	User can communicate with our model via gestures and operate our model without touching the system.
NFR-2	Security	Through encryption the data are secured.
NFR-3	Reliability	With our system user can do any type of browsing in system. Reliability of this project is high.
NFR-4	Performance	Our system could perform with high speed and accuracy rate is also high.
NFR-5	Availability	The availability of our project is high in market because every doctor need to do sterile browsing in operation theatre.
NFR-6	Scalability	This model would be developed in future and accessible by people for every devices controlled by hand gestures.