

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

Date	03 October 2022
Team ID	PNT2022TMID15330
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	Zoom-in and Zoom-out	The hands movements should be correct
FR-2	Resize and rotate	According to the requirements resize and rotation of the images can be done
FR-3	Blur the image	Based on the situation it can be concentrated only on single part

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	This tool is used by the surgeons in the surgery's for viewing the radiology images
NFR-2	<b>Security</b>	It is highly secured
NFR-3	<b>Reliability</b>	The tool depends on the hand gestures and movements
NFR-4	<b>Performance</b>	Fighting the lag and combination of movements can be understood by this tool
NFR-5	<b>Availability</b>	This tool can be very useful in hospitals
NFR-6	<b>Scalability</b>	Accurate reprocessing, inventory management of surgical instruments, logistics, automatic prioritization of aseptic production. These are key components for <b>the to complete its operational plan</b> and ensure a return on investment