PROJECT DESIGN PHASE 1
PROPOSED SOLUTION

Date	8 October 2022
Team ID	PNT2022TMID31069
Project Name	A Gesture-based Tool for Sterile Browsing of Radiology Images
Maximum Mark	2 Marks

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Touching the devices to browse radiology images while surgery may spread infection to the patient and devices also. It makes surgeon to displace from surgical place.
2.	Idea / Solution description	To avoid infection, we can use hand gesture based tool to browse radiology images.
3.	Novelty / Uniqueness	There will be 6 hand gestures and each performs specific action on the radiology image. The actions that comes with the gesture can be customizable.
4.	Social Impact / Customer Satisfaction	It has a focused and user friendly UI. Sensitivity and accuracy is high.
5.	Business Model (Revenue Model)	It is user friendly. It is beneficiary for the surgeons.

6.	Scalability of the Solution	In future we can add more number of gestures. It can be developed to be used in dark environment.