

Project Design Phase-I
Proposed Solution Template

Date	19 October 2022
Team ID	PNT2022TMID05538
Project Name	A Gesture-based Tool for Sterile Browsing of Radiology Images
Maximum Marks	2 Marks

Proposed solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	A doctor needs a way to browse the radiology images during surgery so, that they don't need to reach report/Lab room every time.
2.	Idea / Solution description	Doctor can make use of hand gesture to move or control the images.
3.	Novelty / Uniqueness	In this method unlike other methods of non-verbal communication, gesture do not cause loss of concentration in operation theatre. It performs better in detecting pattern in images.
4.	Social Impact / Customer Satisfaction	It co-operates social responsibility by providing better solution to patient's health and it also helps professionals to browse images without having direct contact with system which avoids the harmful rays.
5.	Business Model (Revenue Model)	Cost efficient to deploy this Software for health care department as well as in hospitals and can collaborate with government for health awareness camps.
6.	Scalability of the Solution	Better execution in accurate results, sensitivity, system architecture design and flexibility of the software.