

Project Design Phase-I
Proposed Solution

Date	19 September 2022
Team ID	PNT2022TMID38566
Project Name	Project - 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)	Hand Gesture tool to do Contactless navigation of radiology images.
2.	Idea / Solution description	Use technology to assist doctors by taking hand gestures as input and perform necessary actions.
3.	Novelty / Uniqueness	In this work we refer to gestures as a basic form of non-verbal communication made with the hands.psychological studies showed that young children use gestures to communicate before they learn to talk.
4.	Social Impact / Customer Satisfaction	Hand gestures is one of the active research areas in the field of computer interface due to its flexibility and user friendliness.
5.	Business Model (Revenue Model)	A Hand-based Gesture Recognition System used for detecting any kind of gestures which when the given input Gesture matches with the trained image.
6.	Scalability of the Solution	The proposed approach allows the learning of new gestures with no need of recording real subjects.