Project Design Phase-I
Proposed Solution

Date	19 September 2022
Team ID	PNT2022TMID00195
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)	Developing a tool to recognize the gestures of humans for sterile browsing of radiology images.
2.	Idea / Solution description	Recognitions are achieved by developing an Deep Learning model leveraging the Convolutional Neural Networks (CNN) .
3.	Novelty / Uniqueness	In this method, the approach to recognize the gestures of humans with the help of CNN which perform better in detecting pattern in images comparing to the Deep Neural Networks (DNN).
4.	Social Impact / Customer Satisfaction	It could help the professionals to browse images without having direct contact with the system which avoids them being exposed to harmful rays.
5.	Business Model (Revenue Model)	It is cost efficient as it is deployed in a Software as a Service Platform. It could be incorporated across hospitals ranging from rural to urban.
6.	Scalability of the Solution	Better execution in accuracy, sensitivity, and specificity as well as in system design flexibility.