

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID15252
Project Name	Project – A gesture based tool for sterile browsing of radiology images
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	A gesture based tool for sterile browsing of radiology images is introduced to identify the hand gestures and reply accordingly.
2.	Idea / Solution description	Artificial Intelligence and Machine learning techniques are used to identify the hand gestures. The model is trained and the data is tested using image processing and then prediction will be done to perform the following action.
3.	Novelty / Uniqueness	Our model will detect and process the image then different operations are applied on the input.
4.	Social Impact / Customer Satisfaction	Our model is very helpful for the doctors to not touch the radiology images during the entire the operation since everything is done using hand gestures.
5.	Business Model (Revenue Model)	This model has more benefits because the advantage of our model is that it gives accurate solutions for the hospital staff.
6.	Scalability of the Solution	Our system is a real time hand tracking recognition technique which has a scalability of high range and it is very in medical field.