

Project Design Phase-I

Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID37657
Project Name	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 templates.

S. No	Parameter	Description
1.	Problem Statement (problem to be solved)	“Hand Gesture Recognition Using Camera ” is based on concept of Image processing. In recent year there is lot of research on gesture recognition using kinect sensor on using HD camera but camera and kinect sensors are more costly.
2.	Idea / Solution description	Hand gestures come naturally to us. It is even found that blind people use hand gestures when speaking with other blind people. Gesturing helps you access memories. Using hand gestures while you speak not only helps others remember what you say, it also helps you speak more quickly and effectively!
3.	Novelty / Uniqueness	In this proposed system, “Kinect camera” plays the major role to gather the depth information from the skeleton.
4.	Social Impact / Customer Satisfaction	These results suggest that gesture aids the listener as well as the speaker and that gesture has a direct effect on listener comprehension.

5.	Business Model (Revenue Model)	<p>The business model of a hand gestures app like Mygesturecontrol.</p> <p>Gesture control apps allow you to control your electronic devices by way of simple hand movements or swipe gestures.</p>
6.	Scalability of the Solution	<p>A methodology to scale hand gestures by forming them with predefined gesture phonemes.</p> <p>These hand gestures used to control devices based on the moments of fingers. These gives results based on the previously stored data.</p>