PROJECT DESIGN PHASE – I

DATE	29 – 09 – 2022
TEAM ID	PNT2022TMID39568
PROJECT NAME	A Gesture - Based Tool for Sterile Browsing of Radiology Ideations Images
MAXIMUM MARKS	2 Marks

PROPOSED SOLUTION:

SI.NO:	PARAMETER	DESCRIPTION
01.	Problem statement (Problem to be solved)	Humans are able to recognize body and sign language easily. This is possible due to the combination of vision and synaptic interactions that were formed along brain development. In order to replicate this skill in computers, some problems need to be solved: • To separate objects of interest in images. • Technology to capture the images. • Technique of classification must be appropriate.
02.	Idea / Solution description	The following approaches are used to built an efficient "Web Application" that recognize the hand gestures: • IBM Watson Assistant - To build the web application as user interface. • Flask - Web Application Framework. • Convolutional Neural Network (CNN) - To finding patterns in images to recognize objects, faces, and scenes.
03.	Novelty / Uniqueness	This Web Application is used to understand the hand signs of human. With the hand signs we can "Convey messages to anyone, We can surf on internet, Specially with this we can control the cars".