## Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID28409
Project Name	A Gesture-Based Tool For Sterile Browsing Of Radiology Images
Maximum Marks	10 Marks

## **Model Performance Testing:**

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Values	Screenshot
1.	Model Summary	Detects the hand gesture shown by the surgeons during the surgery	Import cv2  cat = cv4.imread('C\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	Accuracy	Training Accuracy – 92%	
		Validation Accuracy -89%	def gettredicted(lass(model))  lampe = cv2, sircand('temp.pug')  gray_lampe = imerize(gray_lampe, cv2,cmom_monosave) gray_lampe = merize(gray_lampe, [100, 120]) gray_lampe = gray_lampe, relawor(1,100, 120), 1) prediction = model.predict_on_batch(gray_lampe) prediction = model.predict_on_batch(gray_lampe) prediction = model.predict_on_batch(gray_lampe) predicted_class = 0; return "Blane"  #if predicted_class = 1: return "ore"  #if predicted_class = 2: return "thumbs toon"  #if predicted_class = 3: return "thumbs toon"  #if predicted_class = 4: return "much"  #if predicted_class = 4: return "much"  #if predicted_class = 4: return "much"  #if predicted_class = 4: return "injunch"  #if predicted_class = 5: return "injunch"  #if predicted_class = 6: r

			# first conv (symm
3.	Confidence Score	Class Detected - Confidence Score -	NA