## **Project Development Phase Model Performance Test**

| Date          | 18 November 2022   |
|---------------|--|
| Team ID       | PNT2022TMID15252   |
| Project Name  |  |
|               | A Gesture-based Tool for Sterile<br>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<br>Summary | Model: "sequential"                                       |               | In [26]: model.summary() Model: "sequential"  |  |
|       | Jana.y           | Layer (type) Shape Param #                                | Output        | Layer (type) Output Shape Param #  conv2d (Conv2D) (None, 62, 62, 32) 320  max_pooling2d (MaxPooling2D (None, 31, 31, 32) 0  conv2d_1 (Conv2D) (None, 29, 29, 32) 9248  max_pooling2d_1 (MaxPooling (None, 14, 14, 32) 0  2D) |  |
|       |                  | ======================================                    | ===<br>(None, | Flatten   Flatten   (None, 6272)   0  |  |
|       |                  | max_pooling2d (MaxPooling2 (None, 31, 31, 32) 0           | D             |   |  |
|       |                  | conv2d_1 (Conv2D)<br>29, 29, 32) 9248                     | (None,        |   |  |
|       |                  | max_pooling2d_1 (MaxPoolin<br>(None, 14, 14, 32) 0<br>2D) | g             |   |  |
|       |                  | flatten (Flatten)<br>6272) 0                              | (None,        |   |  |
|       |                  | dense (Dense)<br>128) 802944                              | (None,        |   |  |
|       |                  | dense_1 (Dense)<br>6) 774                                 | (None,        |   |  |
|       |                  | ======================================                    |               |   |  |

|    |                           | Trainable params: 813,286<br>Non-trainable params: 0 |                |
|----|---------------------------|--|----------------|
| 2. | Accuracy                  | Training Accuracy - 97.14%                           | 1851.07        |
|    |                           | Validation Accuracy - 96.67%                         | 1871   18      |
| 3. | Confidence<br>Score (Only | Class Detected -                                     | Not Applicable |
|    | Yolo Projects)            | Confidence Score -                                   |                |