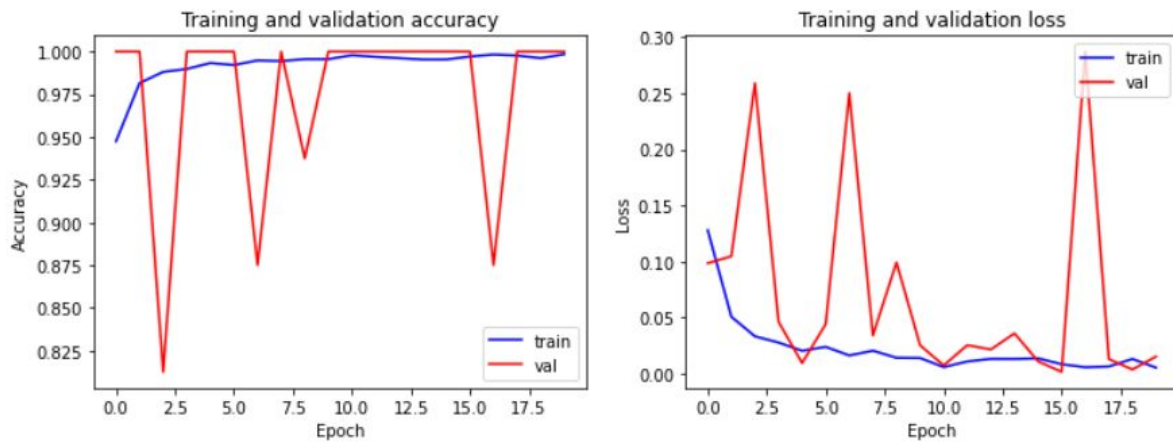Train ID: train00
- Optimizer   : Adam (lr = 0.0001)
- Input W x H   : 299 x 299
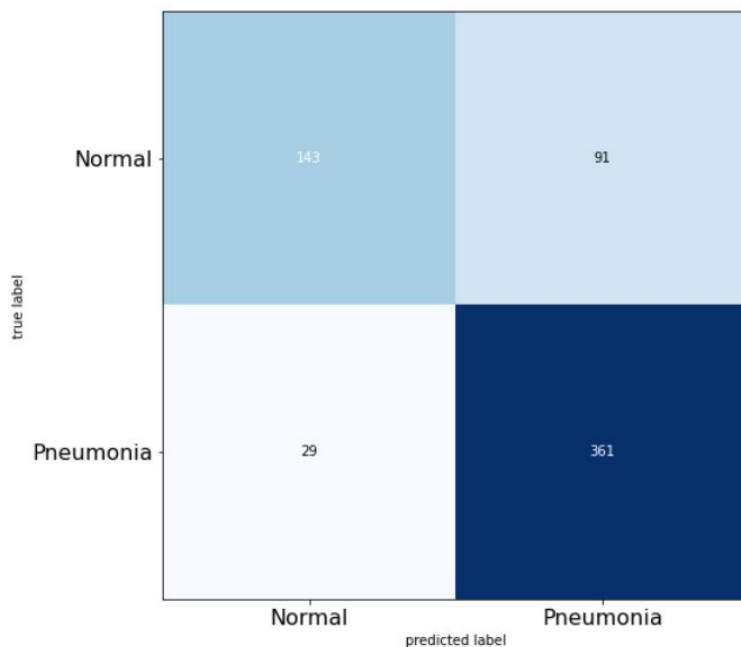
Results:

1. Training plot

2. Testing evaluation

```
624/624 [==============================] - 10s 16ms/step - loss: 0.8356 - acc: 0.8846
Test results Accuracy: 88.46% and Loss: 88.46
624/624 [==============================] - 10s 16ms/step
Label    : [0 0 0 0 0 0 0 0 0 0]
Prediction      : [0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
```

3. Confusion matrix


```
Report Summary:
Precision        : 79.87%
Recall           : 92.56%
F1 Score         : 85.75%
```
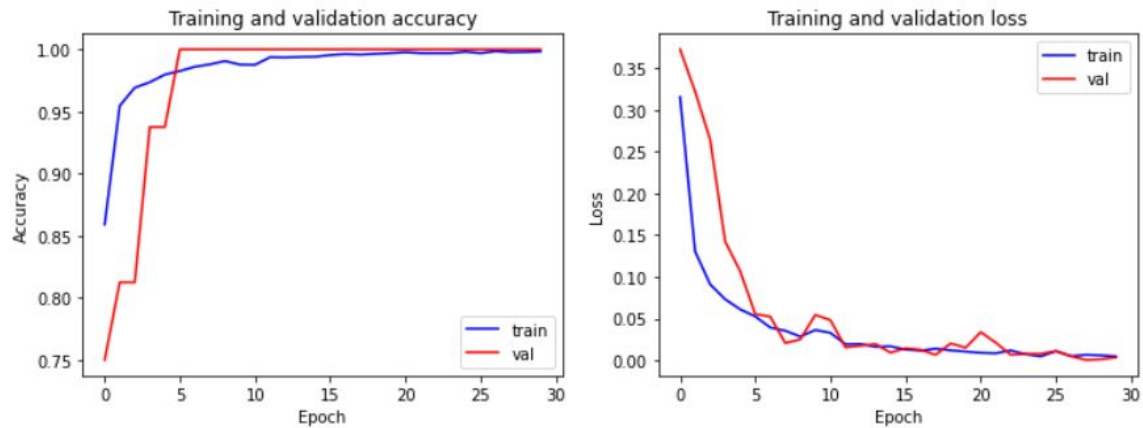
Train ID: train01
- Optimizer   : RMSprop (lr = 0.00001)
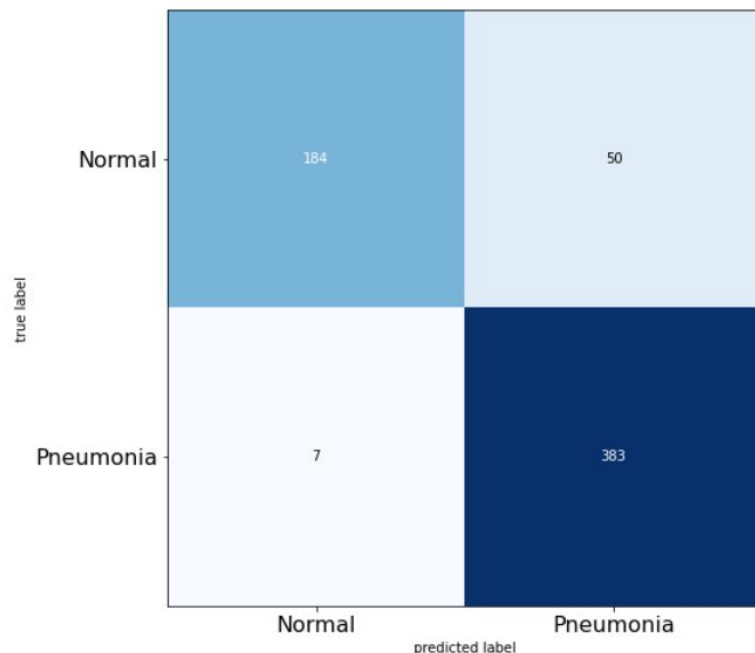- Input W x H   : 299 x 299

Results:

1. Training plot

2. Testing evaluation

```
624/624 [==============================] - 358s 573ms/step - loss: 0.6472 - acc: 0.9151
Test results Accuracy: 91.51% and Loss: 91.51
624/624 [==============================] - 11s 17ms/step
Label          : [0 0 0 0 0 0 0 0 0 0]
Prediction     : [0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
```

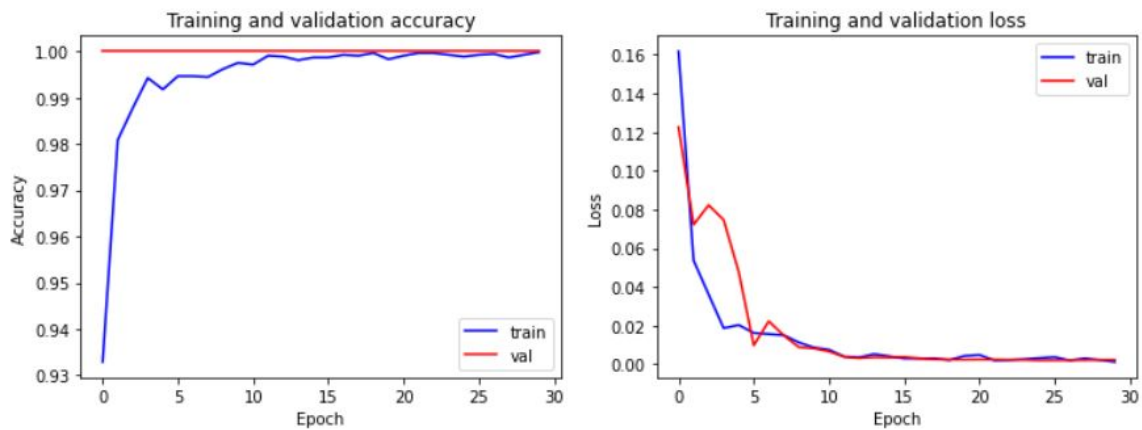3. Confusion matrix


```
Report Summary:
Precision      : 88.45%
Recall         : 98.21%
F1 Score       : 93.07%
```

Train ID: train02
- Optimizer   : Adam (lr = 0.00005)
  - LR Scheduler : ReduceLROnPlateau (factor=0.2, patience=3, min_delta=0.005)
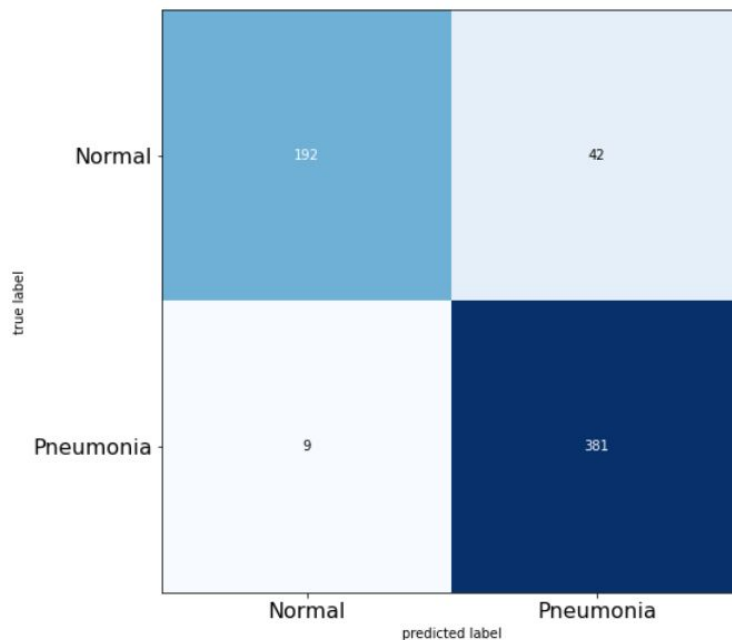- Input W x H   : 299 x 299

Results:

1. Training plot

2. Testing evaluation

```
624/624 [==============================] - 344s 552ms/step - loss: 0.3574 - acc: 0.9247
Test results Accuracy: 92.47% and Loss: 92.47
624/624 [==============================] - 10s 17ms/step
Label          : [0 0 0 0 0 0 0 0 0 0]
Prediction     : [0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
```

3. Confusion matrix
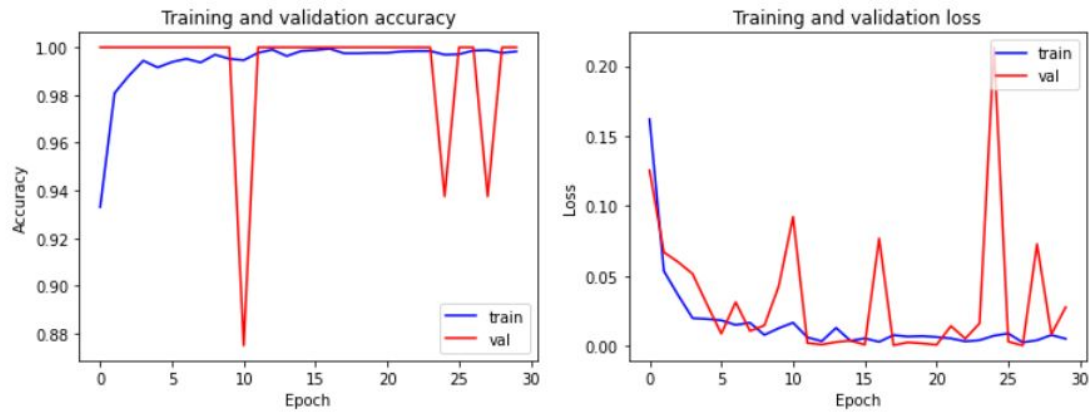


```
Report Summary:
Precision        : 90.07%
Recall           : 97.69%
F1 Score         : 93.73%
```

Train ID: train03
- Optimizer   : Adam (lr = 0.00005)
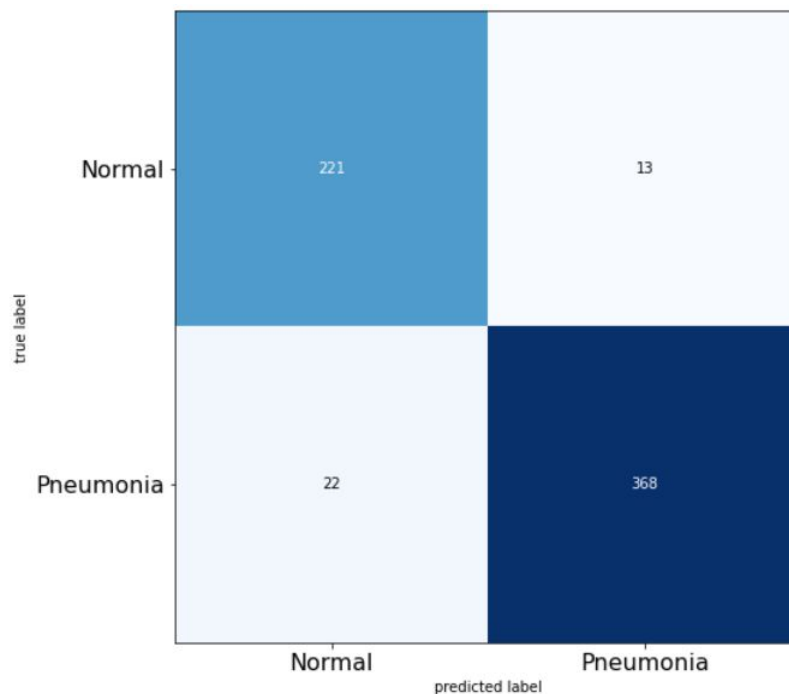- Input W x H   : 299 x 299

Results:

1. Training plot

2. Testing evaluation

```
624/624 [==============================] - 356s 570ms/step - loss: 0.1888 - acc: 0.9503
Test results Accuracy: 95.03% and Loss: 95.03
624/624 [==============================] - 11s 17ms/step
Label           : [0 0 0 0 0 0 0 0 0 0]
Prediction      : [0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
```

3. Confusion matrix


```
Report Summary:
Precision       : 96.59%
Recall          : 94.36%
F1 Score        : 95.46%
```
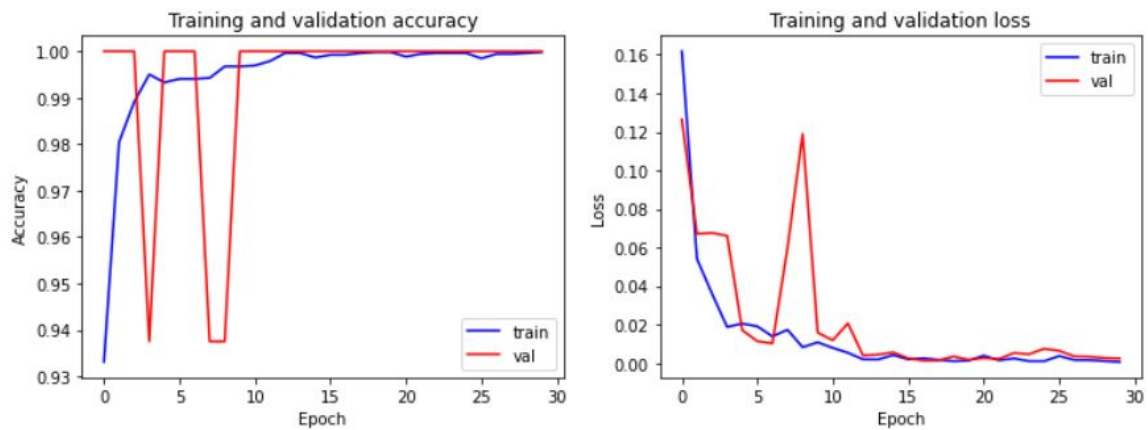
Train ID: train04
- Optimizer   : Adam (lr = 0.00005)
  - LR Scheduler : ReduceLROnPlateau (factor=0.5, patience=3, min_delta=0.005)
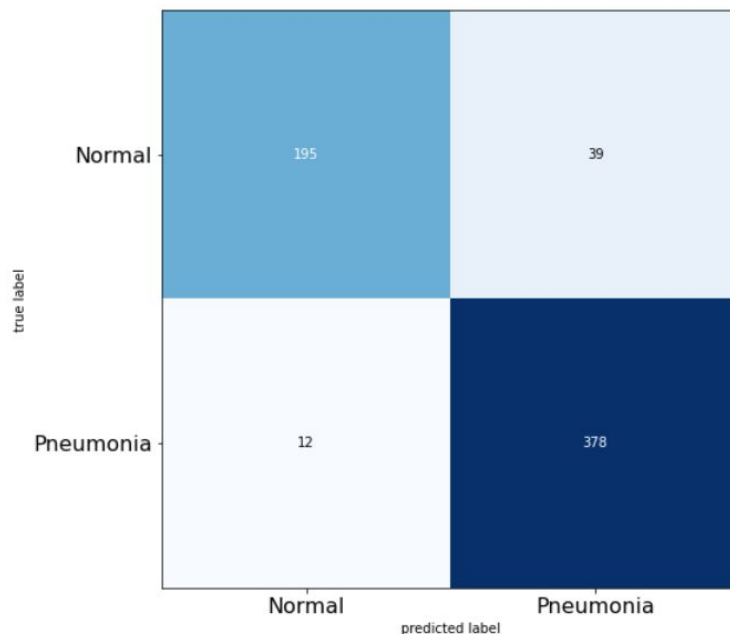- Input W x H   : 299 x 299

Results:

1. Training plot

2. Testing evaluation

```
624/624 [==============================] - 437s 700ms/step - loss: 0.3352 - acc: 0.9247
Test results Accuracy: 92.47% and Loss: 92.47
624/624 [==============================] - 10s 17ms/step
Label          : [0 0 0 0 0 0 0 0 0 0]
Prediction     : [0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
```

3. Confusion matrix


```
Report Summary:
Precision      : 90.65%
Recall         : 96.92%
F1 Score       : 93.68%
```