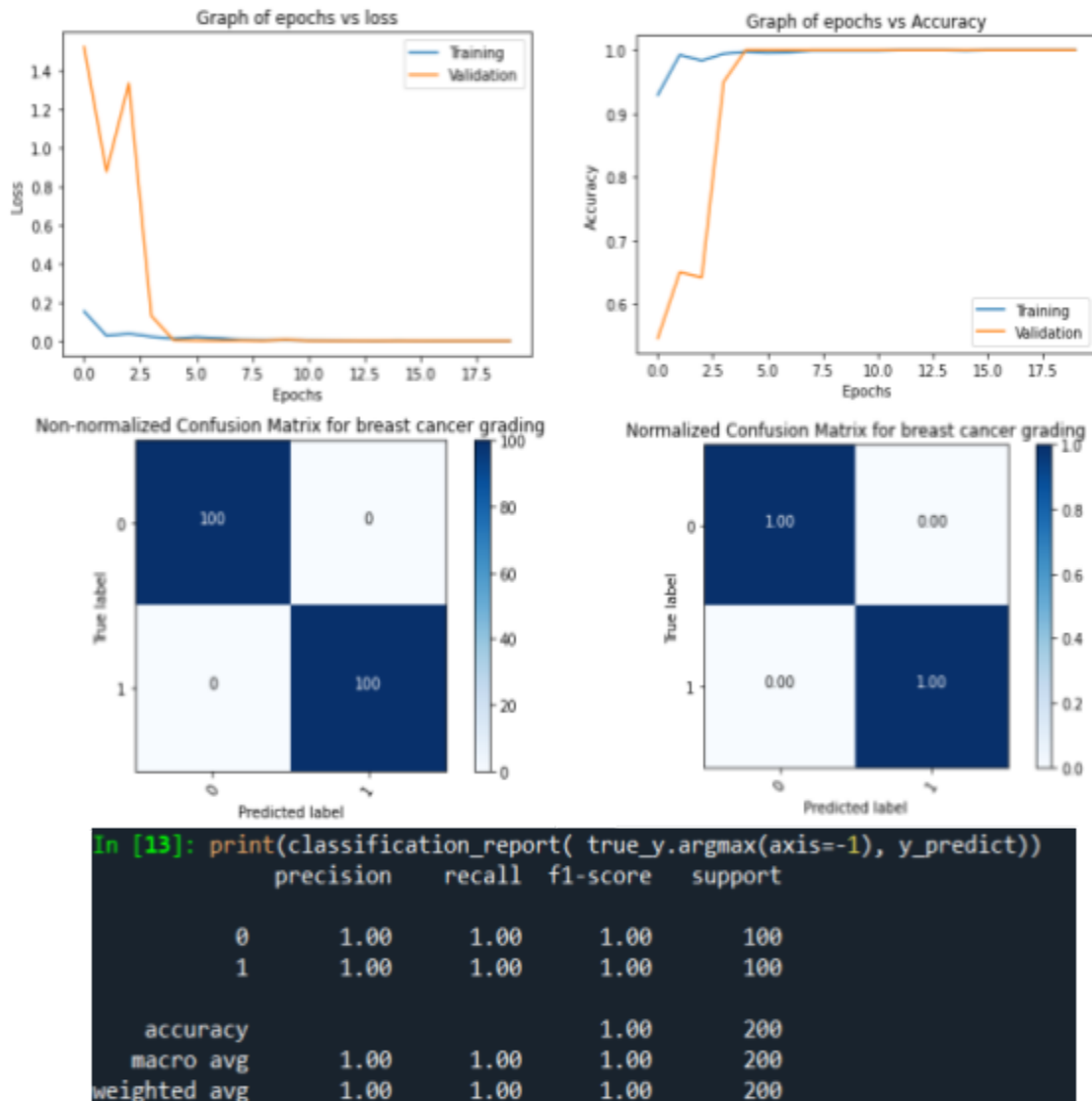


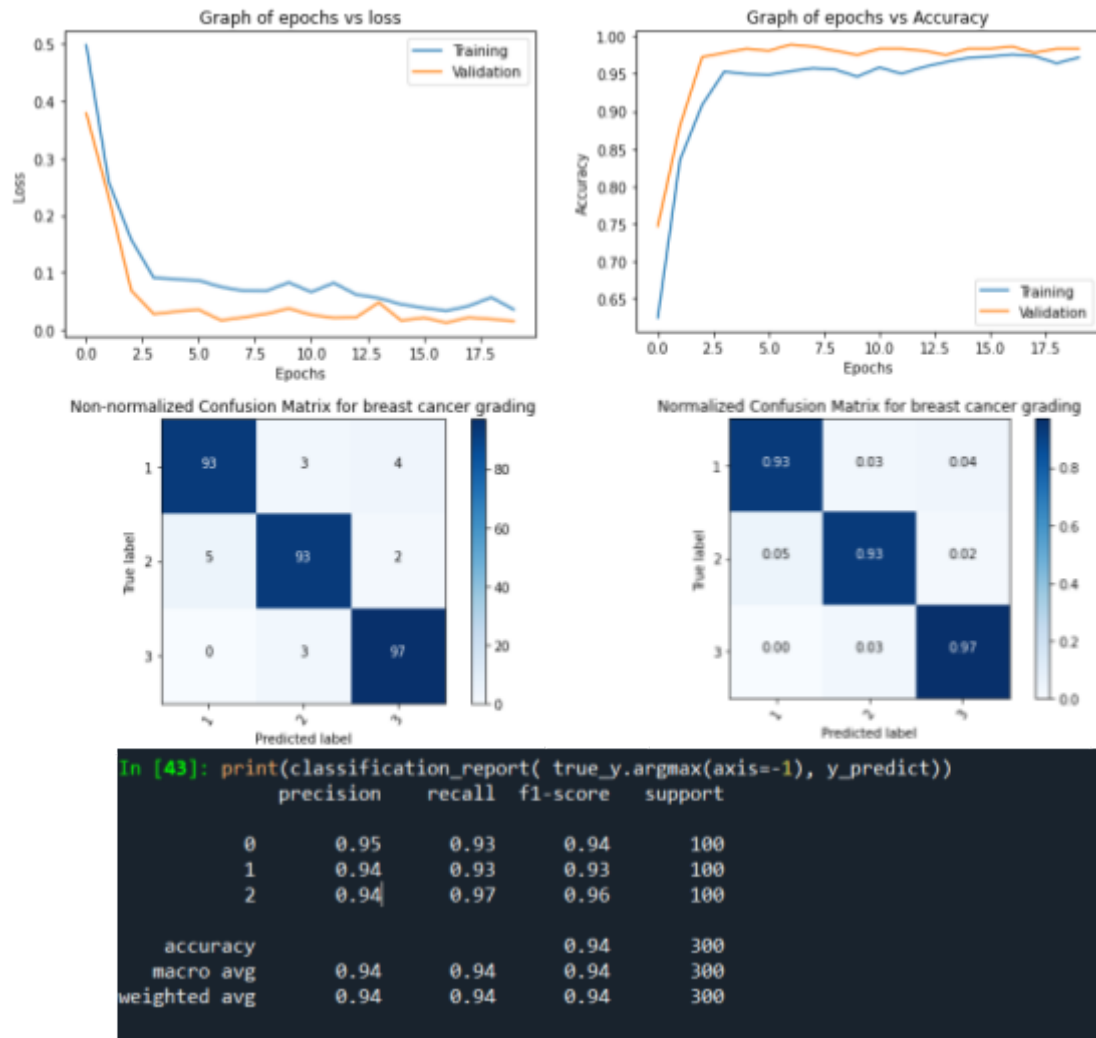
Results

A. 2-Predict Model

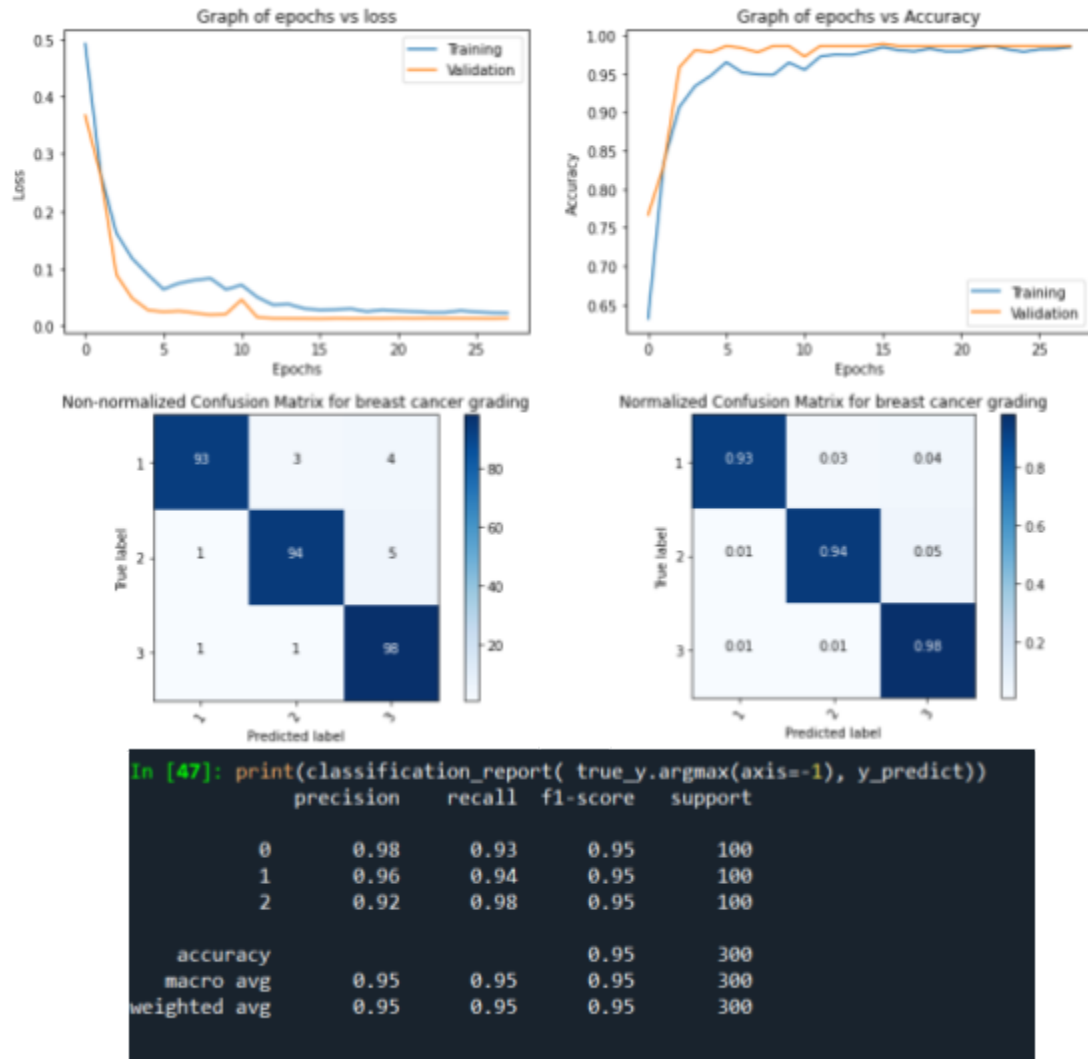


Epochs vs loss graph, epochs vs accuracy graph, non-normalized confusion matrix, normalized confusion matrix, and classification report for the 2-predict model with 20 epochs.

B. 3-Predict Model

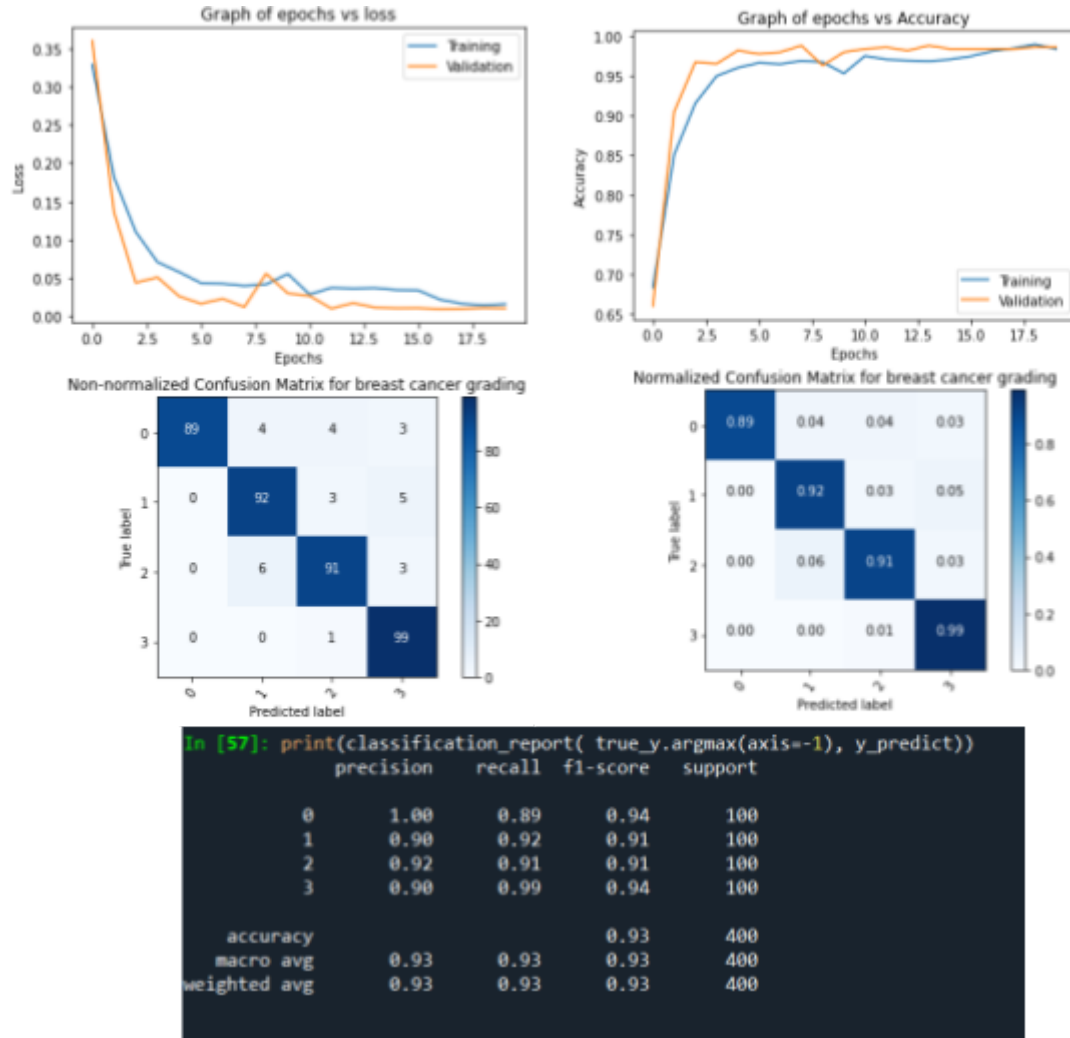


Epochs vs loss graph, epochs vs accuracy graph, non-normalized confusion matrix, normalized confusion matrix, and classification report for the 3-predict model with 20 epochs.

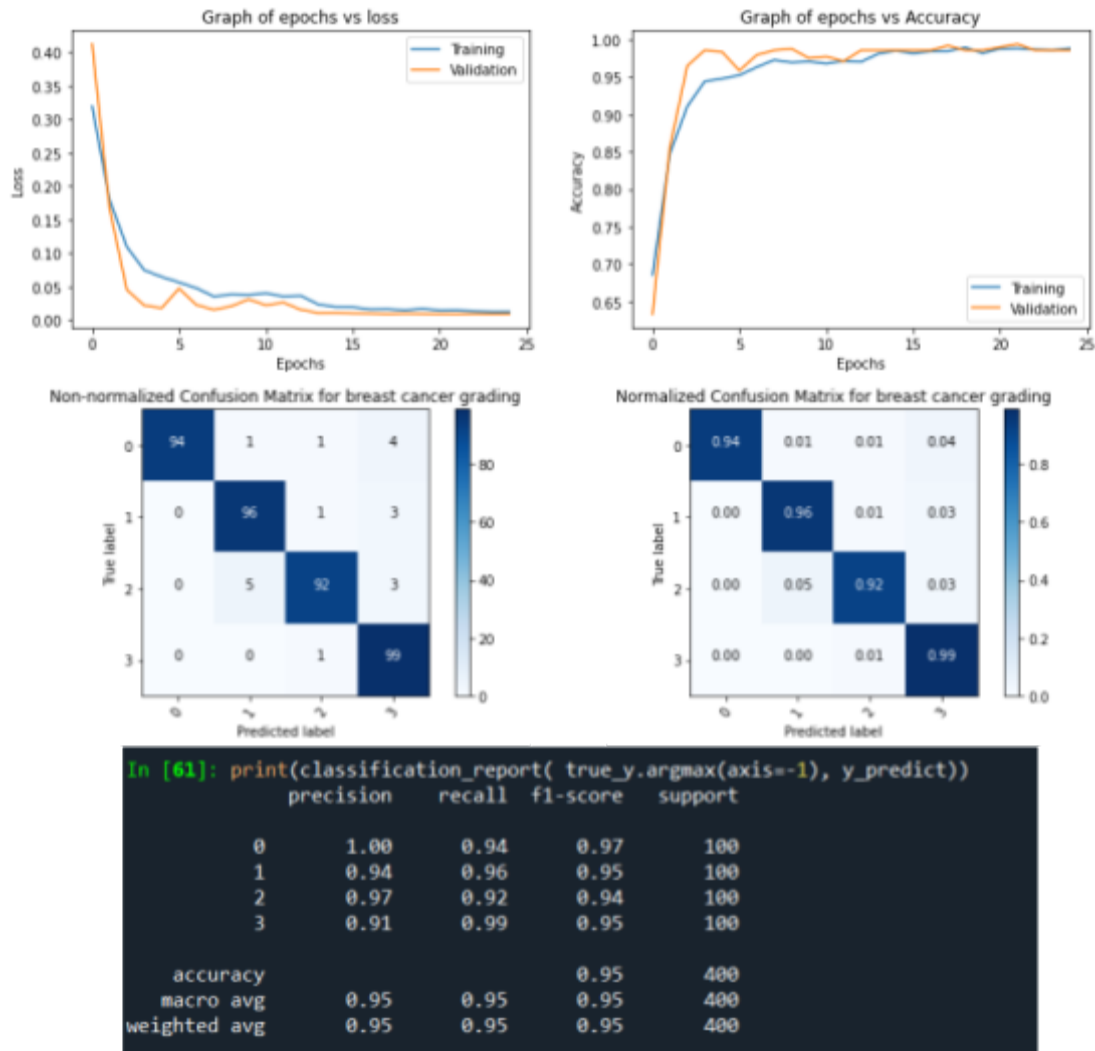


Epochs vs loss graph, epochs vs accuracy graph, non-normalized confusion matrix, normalized confusion matrix, and classification report for the 3-predict model with 30 epochs.

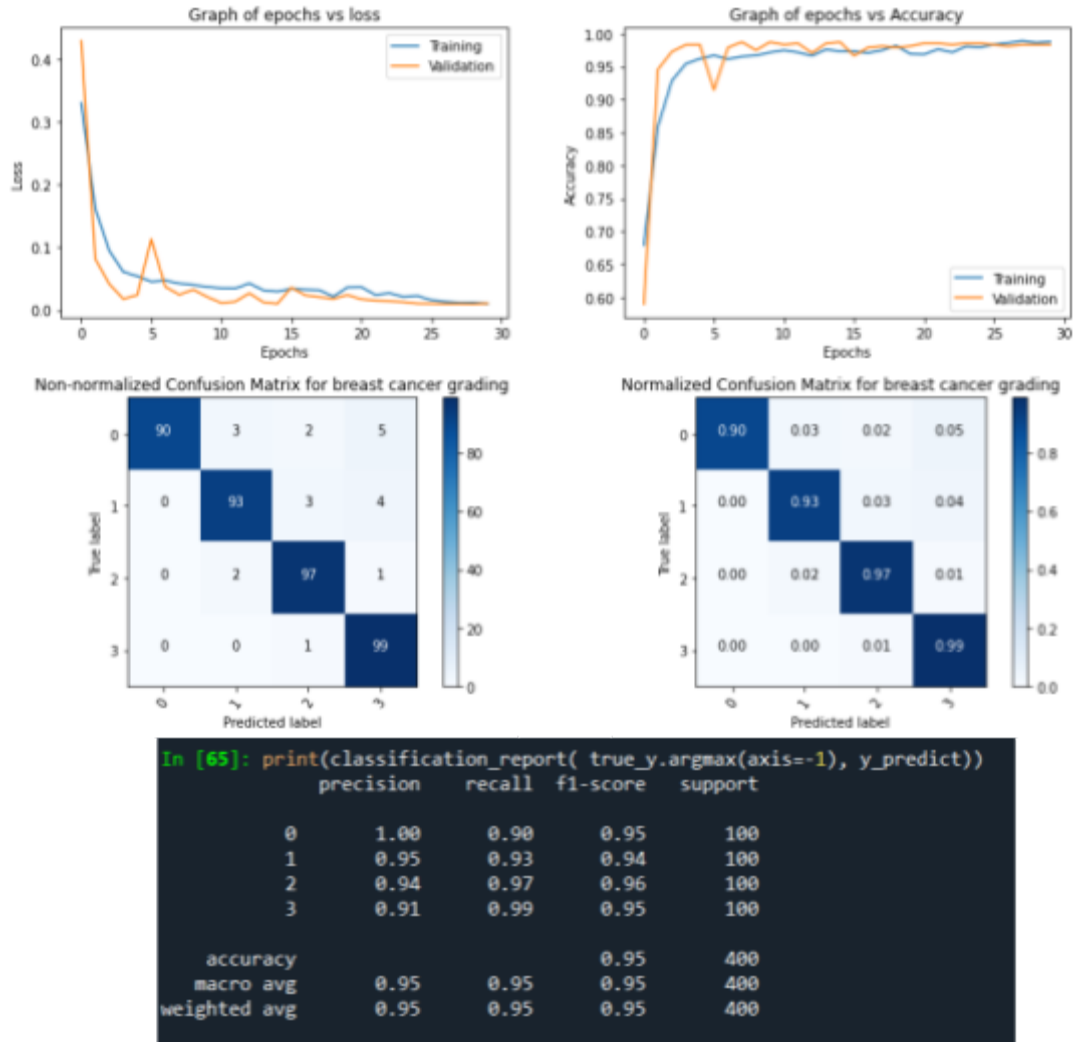
C. 4-Predict Model



Epochs vs loss graph, epochs vs accuracy graph, non-normalized confusion matrix, normalized confusion matrix, and classification report for the 4-predict model with 20 epochs.



Epochs vs loss graph, epochs vs accuracy graph, non-normalized confusion matrix, normalized confusion matrix, and classification report for the 4-predict model with 25 epochs.



Epochs vs loss graph, epochs vs accuracy graph, non-normalized confusion matrix, normalized confusion matrix, and classification report for the 4-predict model with 30 epochs.

D. Model Comparison (Case 1 & 2)

```
Size of the output testing data set: (400, 4)
Size of the input testing data set: (400, 128, 128, 3)
13/13 - 63s - loss: 0.0602 - accuracy: 0.9525
True count: 372
False count: 28

Testing accuracy score for case 1: 95.24999856948853 %
Testing accuracy score for case 2: 93.0 %
```

Test accuracy rates of case 1 & 2.