

EfficientNetB2

		5 Epochs	10 Epochs	15 Epochs
Training Accuracy		99.98%	99.98%	99.98%
Testing Accuracy		99.50%	99.50%	99.50%
Macro Avg.	Precision	99.70%	99.70%	99.70%
	Recall	98.75%	98.75%	98.75%
	F1 Score	99.21%	99.21%	99.21%
BFlops		18788936		
Inference Time		0.081 Second	0.076 Second	0.046 Second
Size of Model		32.6 MB		

Classification Report & Confusion Matrix

5 Epochs

For Training(EfficientNetB2)					
	precision	recall	f1-score	support	
0	1.00	1.00	1.00	853	
1	1.00	1.00	1.00	1984	
2	1.00	1.00	1.00	431	
3	1.00	1.00	1.00	838	
accuracy			1.00	4106	
macro avg	1.00	1.00	1.00	4106	
weighted avg	1.00	1.00	1.00	4106	
[[853 0 0 0]					
[0 1983 1 0]					
[0 0 431 0]					
[0 0 0 838]]					
For Testing(EfficientNetB2)					
	precision	recall	f1-score	support	
0	1.00	1.00	1.00	146	
1	0.99	1.00	0.99	167	
2	1.00	0.95	0.97	40	
3	1.00	1.00	1.00	50	
accuracy			1.00	403	
macro avg	1.00	0.99	0.99	403	
weighted avg	1.00	1.00	0.99	403	
[[146 0 0 0]					
[0 167 0 0]					
[0 2 38 0]					
[0 0 0 50]]					

10 Epochs

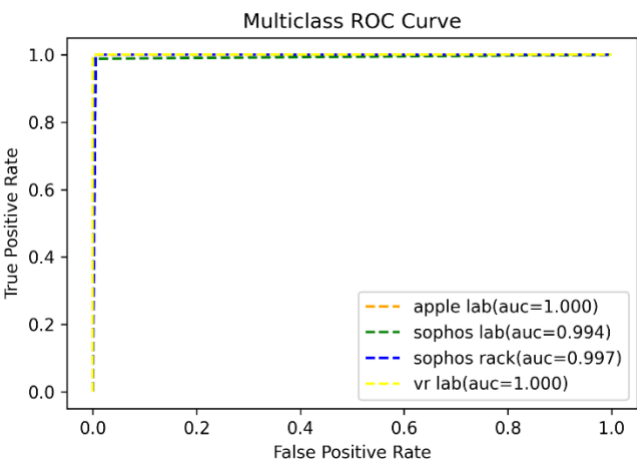
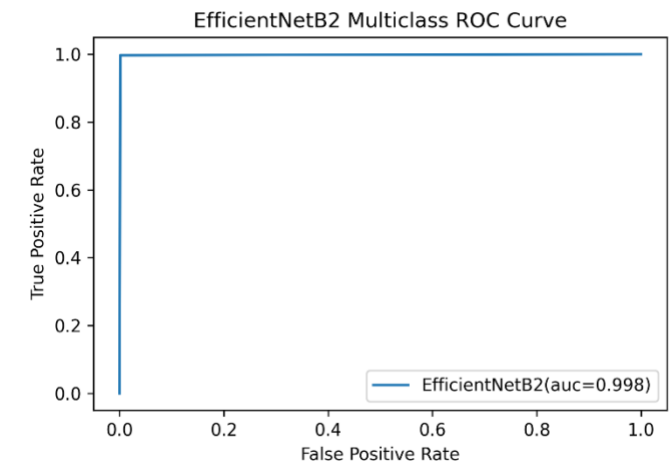
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[0 2 38 0]					
[0 0 0 50]]					

15 Epochs

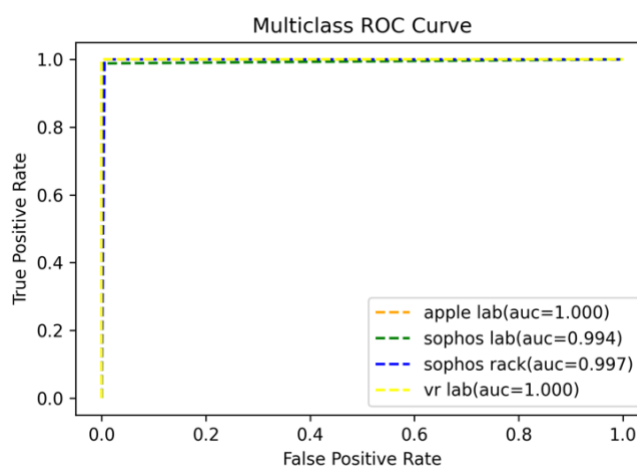
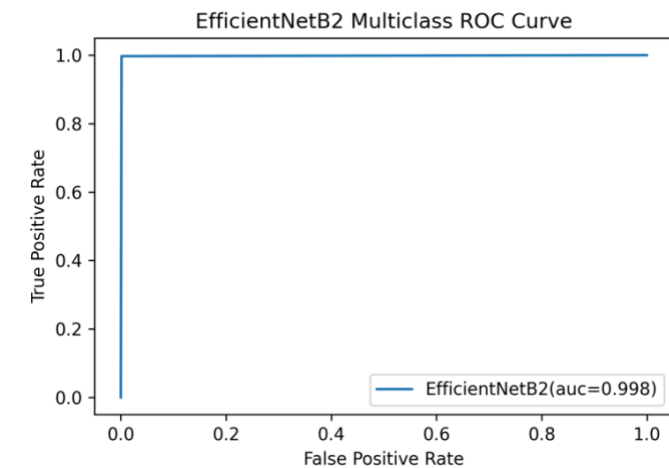
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[[146 0 0 0]					
[0 167 0 0]					
[0 2 38 0]					
[0 0 0 50]]					

ROC Curve

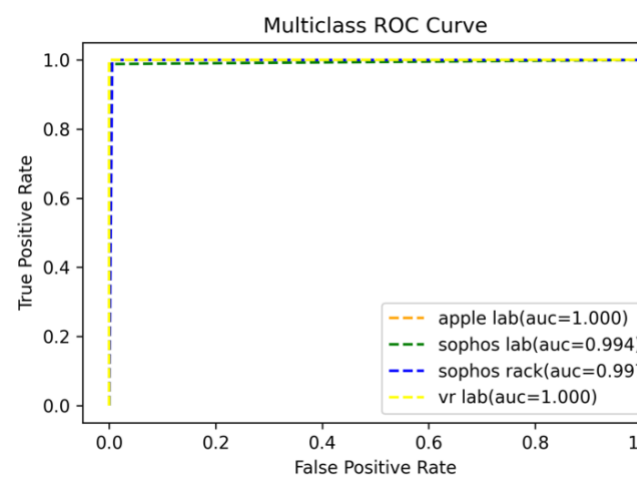
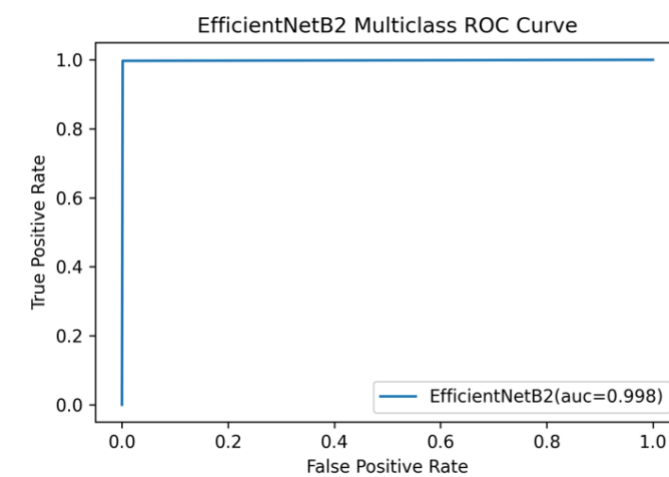
5 Epochs



10 Epochs

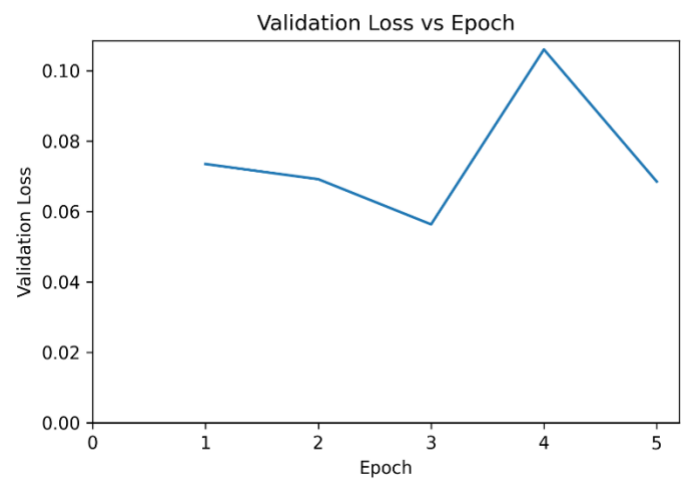
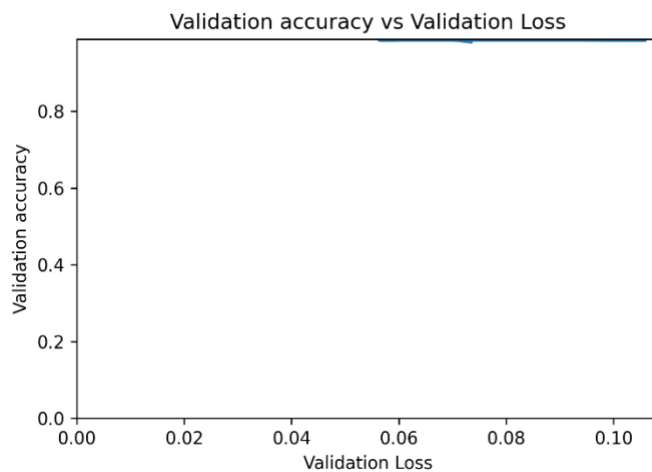
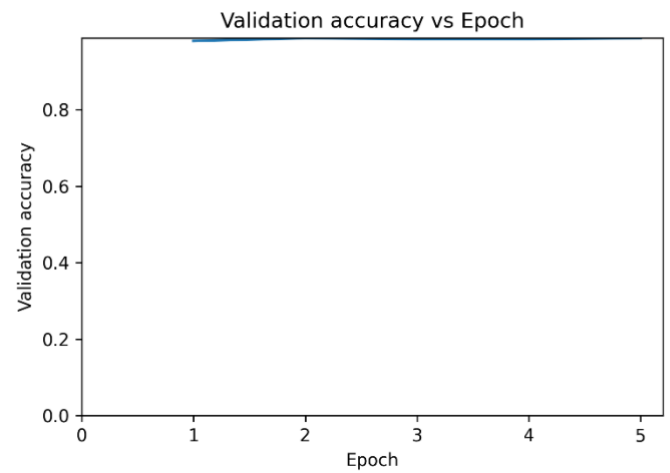
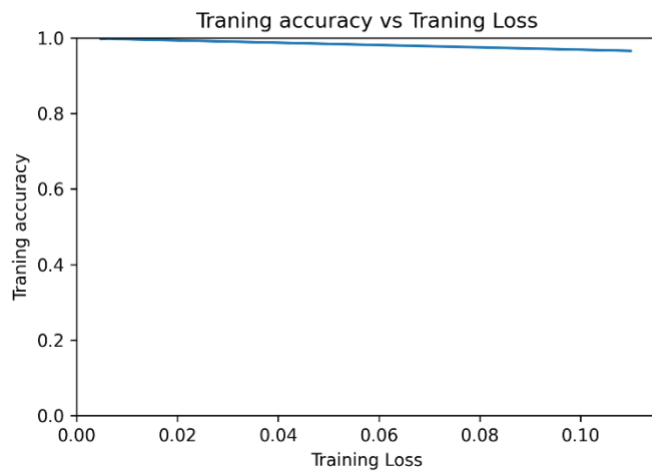
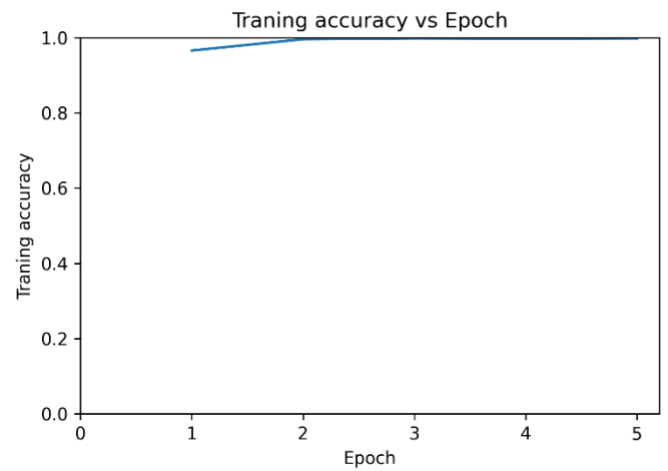
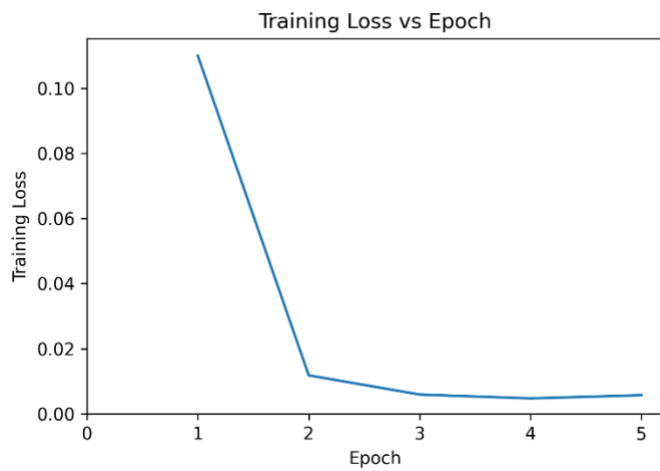


15 Epochs

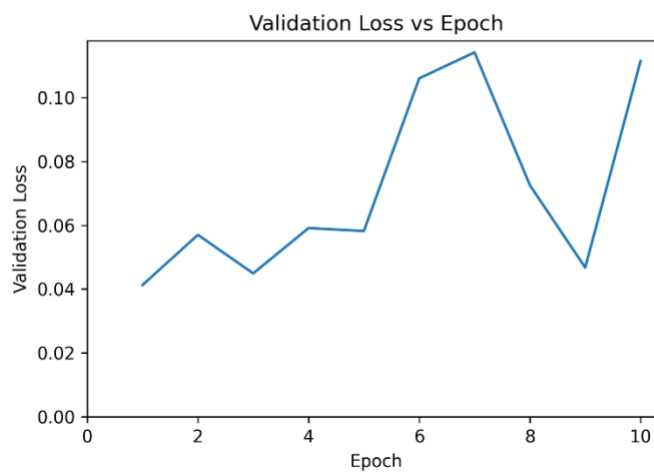
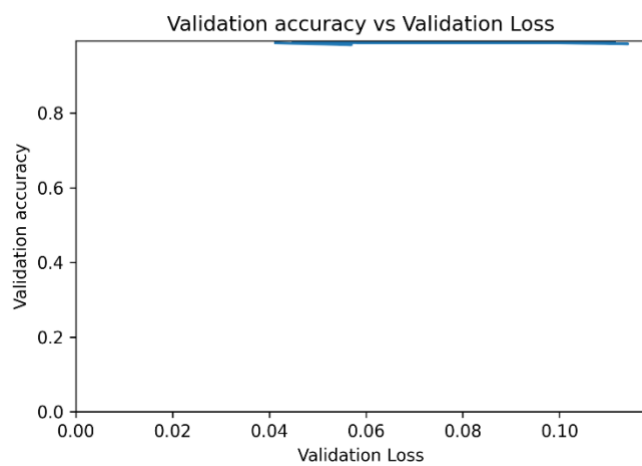
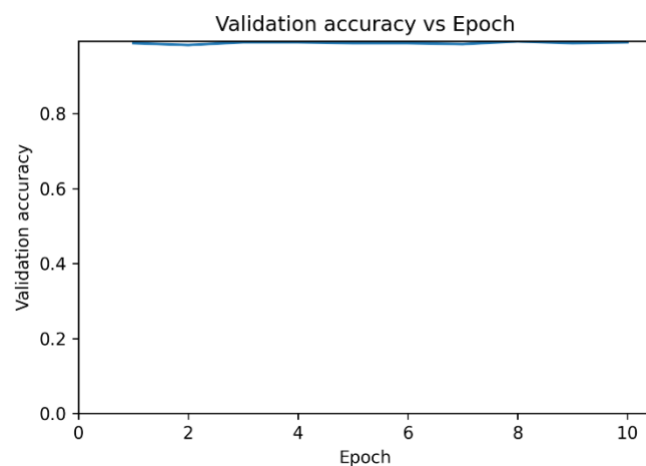
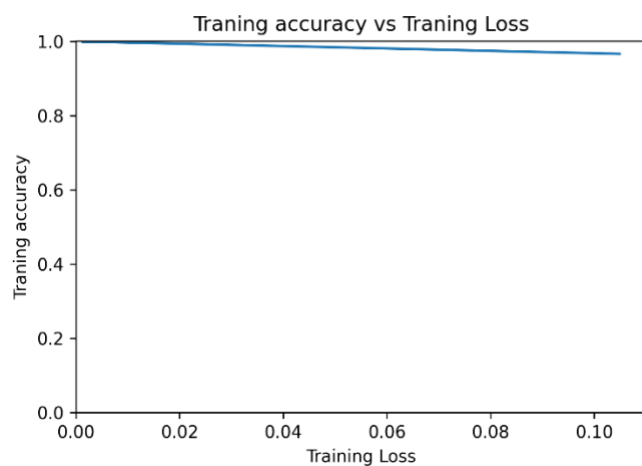
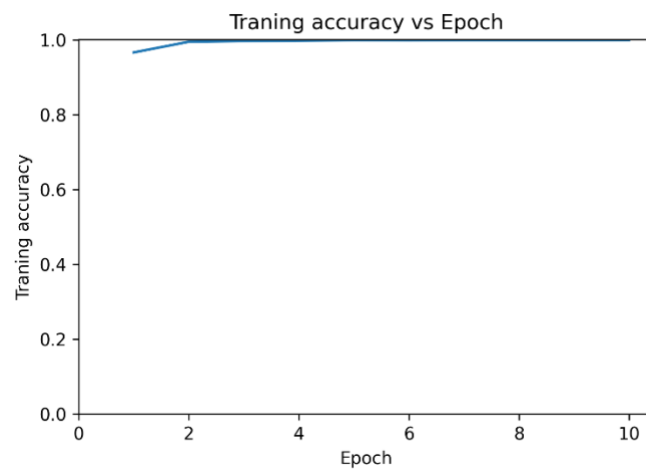
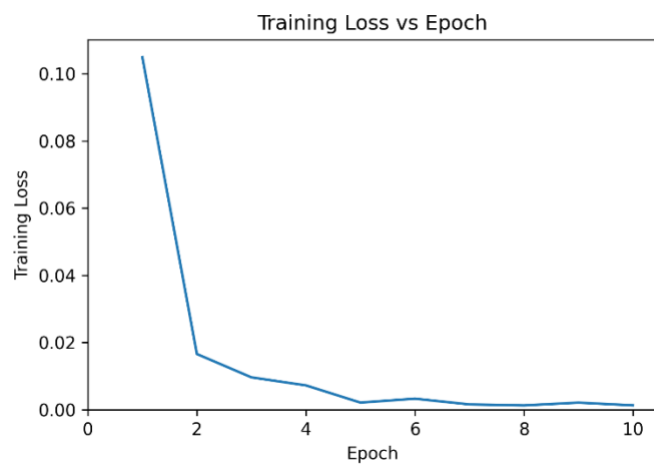


Graphs

5 Epochs



10 Epochs



15 Epochs

