EfficientNetB2

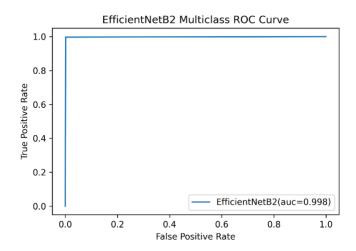
		5 Epochs	10 Epochs	15 Epochs				
Training Accuracy		99.98%	99.98%	99.98%				
Testing Accuracy		99.50%	99.50%	99.50%				
Macro Avg.	Precision	99.70%	99.70%	99.70%				
	Recall	98.75%	98.75%	98.75%				
	F1 Score	99.21%	99.21%	99.21%				
BFlops		18788936						
Inference Time		0.081 Second	0.076 Second	0.046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

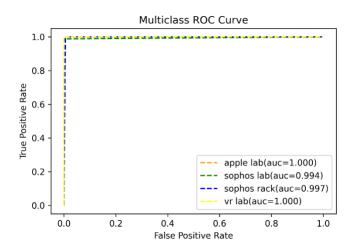
Classification Report & Confusion Matrix

5 Ep		10 Epochs			15 Epochs					
For Training(EfficientNet	- For Training	For Training(EfficientNetB2)				For Training(EfficientNetB2)				
precision	recall f1-score su		precision		f1-score	support			fl-score	support
0 1.00	1.00 1.00	853 0	1.00	1.00	1.00	853	0	1.00 1.00	1.00	853
1 1.00	1.00 1.00	1984 1	1.00	1.00	1.00	1984	1	1.00 1.00	1.00	1984
2 1.00	1.00 1.00	431 2	1.00	1.00	1.00	431	2	1.00 1.00	1.00	431
3 1.00	1.00 1.00	838 3	1.00	1.00	1.00	838	3	1.00 1.00	1.00	838
accuracy	1,00	4106 accuracy			1.00	4106	accuracy		1.00	4106
macro avg 1.00	1.00 1.00	4106 macro avg	1.00	1.00	1.00	4106	macro avg	1.00 1.00	1.00	4106
weighted avg 1.00	1.00 1.00	4106 weighted avg	1.00	1.00	1.00	4106	weighted avg	1.00 1.00	1.00	4106
[[853		[0 0	0 0] 1 0] 431 0] 0 838]]					0] 0] 0] 838]]		
For Testing(EfficientNetB	For Testing(For Testing(EfficientNetB2)				For Testing(EfficientNetB2)				
precision	recall f1-score su	upport	precision	recall	f1-score	support	preci	cision recall	f1-score	support
0 1.00	1.00 1.00	146 0		1.00	1.00	146	0	1.00 1.00	1.00	146
1 0.99	1.00 0.99	167		1.00	0.99	167		0.99 1.00	0.99	167
2 1.00	0.95 0.97	40 2		0.95	0.97	40	2	1.00 0.95	0.97	40
3 1.00	1.00 1.00	50 3	1.00	1.00	1.00	50	3	1.00 1.00	1.00	50
accuracy	1.00	403 accuracy			1.00	403	accuracy		1.00	403
macro avg 1.00	0.99 0.99	403 macro avg	1.00	0.99	0.99	403	macro avg	1.00 0.99	0.99	403
weighted avg 1.00	1.00 0.99	403 weighted avg	1.00	1.00	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 50]]		[0 167 ([0 2 3	0 0] 0 0] 8 0] 0 50]]				[[146 0 0 0] [0 167 0 0] [0 2 38 0] [0 0 0 50]			

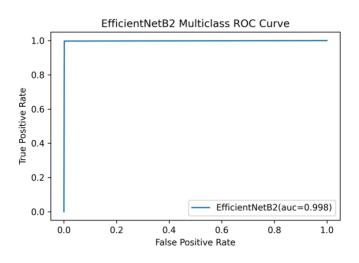
ROC Curve

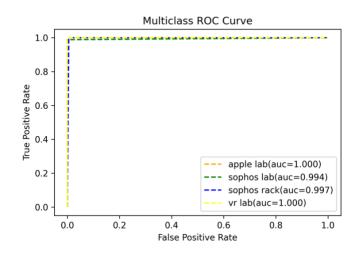
5 Epochs

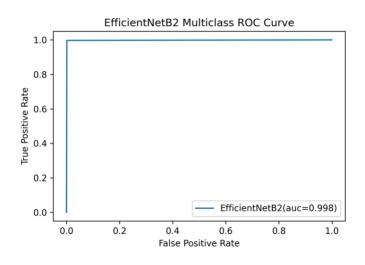


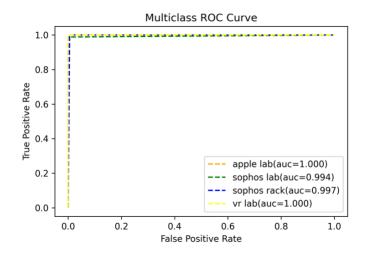


10 Epochs









Graphs

