

VGG16 - Test Loss: 1.692213535308838, Test Accuracy: 0.38769999146461487  
313/313 6s 19ms/step

VGG16 - Classification Report:

	precision	recall	f1-score	support
airplane	0.46	0.39	0.42	1000
automobile	0.45	0.48	0.47	1000
bird	0.30	0.23	0.26	1000
cat	0.43	0.01	0.02	1000
deer	0.25	0.62	0.36	1000
dog	0.34	0.42	0.38	1000
frog	0.46	0.44	0.45	1000
horse	0.45	0.38	0.41	1000
ship	0.50	0.50	0.50	1000
truck	0.52	0.40	0.45	1000
accuracy			0.39	10000
macro avg	0.41	0.39	0.37	10000
weighted avg	0.41	0.39	0.37	10000

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313/313 _____ 9s 19ms/step
313/313 _____ 3s 8ms/step - accuracy: 0.6827 - loss: 0.9047
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MobileNetV2 - Test Loss: 0.8925291299819946, Test Accuracy: 0.68860000371932
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MobileNetV2 - Classification Report:
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	precision	recall	f1-score	support
airplane	0.73	0.59	0.65	1000
automobile	0.78	0.88	0.83	1000
bird	0.54	0.66	0.60	1000
cat	0.57	0.58	0.57	1000
deer	0.72	0.47	0.57	1000
dog	0.61	0.69	0.64	1000
frog	0.69	0.74	0.71	1000
horse	0.80	0.68	0.74	1000
ship	0.69	0.86	0.77	1000
truck	0.85	0.74	0.79	1000
accuracy			0.69	10000

GoogleNet - Test Loss: 0.8704564571380615, Test Accuracy: 0.7321000099182129  
313/313 6s 20ms/step

GoogleNet - Classification Report:

	precision	recall	f1-score	support
airplane	0.73	0.77	0.75	1000
automobile	0.83	0.83	0.83	1000
bird	0.62	0.72	0.67	1000
cat	0.61	0.59	0.60	1000
deer	0.69	0.58	0.63	1000
dog	0.73	0.66	0.69	1000
frog	0.67	0.81	0.73	1000
horse	0.80	0.76	0.78	1000
ship	0.84	0.82	0.83	1000
truck	0.84	0.77	0.80	1000
accuracy			0.73	10000
macro avg	0.74	0.73	0.73	10000
weighted avg	0.74	0.73	0.73	10000

313/313 15s 32ms/step  
313/313 6s 20ms/step - accuracy: 0.3945 - loss: 1.6837

ResNet50 - Test Loss: 1.692213535308838, Test Accuracy: 0.38769999146461487

ResNet50 - Classification Report:

	precision	recall	f1-score	support
airplane	0.46	0.39	0.42	1000
automobile	0.45	0.48	0.47	1000
bird	0.30	0.23	0.26	1000
cat	0.43	0.01	0.02	1000
deer	0.25	0.62	0.36	1000
dog	0.34	0.42	0.38	1000
frog	0.46	0.44	0.45	1000
horse	0.45	0.38	0.41	1000
ship	0.50	0.50	0.50	1000
truck	0.52	0.40	0.45	1000
accuracy			0.39	10000
macro avg	0.41	0.39	0.37	10000

Xception - Test Loss: 0.8925291299819946, Test Accuracy: 0.688600003719329  
313/313 ————— 2s 7ms/step

Xception - Classification Report:

	precision	recall	f1-score	support
airplane	0.73	0.59	0.65	1000
automobile	0.78	0.88	0.83	1000
bird	0.54	0.66	0.60	1000
cat	0.57	0.58	0.57	1000
deer	0.72	0.47	0.57	1000
dog	0.61	0.69	0.64	1000
frog	0.69	0.74	0.71	1000
horse	0.80	0.68	0.74	1000
ship	0.69	0.86	0.77	1000
truck	0.85	0.74	0.79	1000
accuracy			0.69	10000
macro avg	0.70	0.69	0.69	10000