## CS 4372 ASSIGNMENT 3

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Number of free late days used: 0

Note: You are allowed a <u>total</u> of 4 free late days for the <u>entire semester</u>. You can use at most 2 for each assignment.

After that, there will be a penalty of 10% for each late day.

## A table containing details of parameter testing and tuning.

Iteration	Parameters	Desc	Training and Test Accuracy
1	Number of Layers: 4 Activation Function:relu	MobileNetV2, with dropout	Train: 0.4781 Test: 0.5469
2	Number of Layers: 5 Activation Function: relu	MobileNetV2, with dropout and dense layer on top	Train: 1.0000 Test: 0.9688
3	Number of Layers: 5 Activation Function: relu	MobileNetV2, without dropout and dense layer on top	Train: 1.0000 Test: 0.9375
4	Number of Layers: 4 Activation Function: relu	MobileNetV2, No dropout and no dense layer on top	Train: 0.5625 Test: 0.4375
5	Number of Layers: 5 Activation Function: relu	MobileNetV2, with dropout, dense layer on top, dropout again	Train: 0.9875 Test: 0.9609
6	Number of Layers: 6 Activation Function: relu	MobileNetV2, with dropout and 2 dense layers	Train: 0.9969 Test: 0.9688