

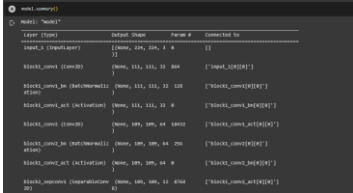
## Project Development Phase

### Model Performance Test

Date	13 May 2023
Team ID	NM2023TMID15487
Project Name	Project - Uncovering the Hidden Treasures of the Mushroom Kingdom: A Classification Analysis

### Model Performance Testing:

Project team shall fill the following information in the model performance testing template.

S.No.	Parameter	Values	Screenshot
1.	Model Summary	<p><b>Total params: 21,162,539</b>  <b>Trainable params: 301,059</b>  <b>Non-trainable params: 20,861,480</b></p>	 <pre> model: "model" Layer (type)                 Output Shape              Param #                    Connected to ================================================================= input_1 (InputLayer)         [None, 224, 224, 3]      0                          [] conv1 (Conv2D)               [None, 112, 112, 32]     960                        [input_1[0][0]] maxpool1 (MaxPooling2D)      [None, 56, 56, 32]       0                          [conv1[0][0]] conv2 (Conv2D)               [None, 56, 56, 64]       1600                       [maxpool1[0][0]] maxpool2 (MaxPooling2D)      [None, 28, 28, 64]        0                          [conv2[0][0]] conv3 (Conv2D)               [None, 28, 28, 128]      3680                       [maxpool2[0][0]] maxpool3 (MaxPooling2D)      [None, 14, 14, 128]       0                          [conv3[0][0]] conv4 (Conv2D)               [None, 14, 14, 256]      7360                       [maxpool3[0][0]] maxpool4 (MaxPooling2D)      [None, 7, 7, 256]         0                          [conv4[0][0]] conv5 (Conv2D)               [None, 7, 7, 512]        14080                      [maxpool4[0][0]] maxpool5 (MaxPooling2D)      [None, 3, 3, 512]         0                          [conv5[0][0]] conv6 (Conv2D)               [None, 3, 3, 128]         3680                       [maxpool5[0][0]] maxpool6 (MaxPooling2D)      [None, 1, 1, 128]         0                          [conv6[0][0]] conv7 (Conv2D)               [None, 1, 1, 128]         3680                       [maxpool6[0][0]] maxpool7 (MaxPooling2D)      [None, 1, 1, 128]         0                          [conv7[0][0]] conv8 (Conv2D)               [None, 1, 1, 128]         3680                       [maxpool7[0][0]] maxpool8 (MaxPooling2D)      [None, 1, 1, 128]         0                          [conv8[0][0]] conv9 (Conv2D)               [None, 1, 1, 128]         3680                       [maxpool8[0][0]] maxpool9 (MaxPooling2D)      [None, 1, 1, 128]         0                          [conv9[0][0]] conv10 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool9[0][0]] maxpool10 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv10[0][0]] conv11 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool10[0][0]] maxpool11 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv11[0][0]] conv12 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool11[0][0]] maxpool12 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv12[0][0]] conv13 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool12[0][0]] maxpool13 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv13[0][0]] conv14 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool13[0][0]] maxpool14 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv14[0][0]] conv15 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool14[0][0]] maxpool15 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv15[0][0]] conv16 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool15[0][0]] maxpool16 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv16[0][0]] conv17 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool16[0][0]] maxpool17 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv17[0][0]] conv18 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool17[0][0]] maxpool18 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv18[0][0]] conv19 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool18[0][0]] maxpool19 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv19[0][0]] conv20 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool19[0][0]] maxpool20 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv20[0][0]] conv21 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool20[0][0]] maxpool21 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv21[0][0]] conv22 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool21[0][0]] maxpool22 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv22[0][0]] conv23 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool22[0][0]] maxpool23 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv23[0][0]] conv24 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool23[0][0]] maxpool24 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv24[0][0]] conv25 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool24[0][0]] maxpool25 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv25[0][0]] conv26 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool25[0][0]] maxpool26 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv26[0][0]] conv27 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool26[0][0]] maxpool27 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv27[0][0]] conv28 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool27[0][0]] maxpool28 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv28[0][0]] conv29 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool28[0][0]] maxpool29 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv29[0][0]] conv30 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool29[0][0]] maxpool30 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv30[0][0]] conv31 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool30[0][0]] maxpool31 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv31[0][0]] conv32 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool31[0][0]] maxpool32 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv32[0][0]] conv33 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool32[0][0]] maxpool33 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv33[0][0]] conv34 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool33[0][0]] maxpool34 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv34[0][0]] conv35 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool34[0][0]] maxpool35 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv35[0][0]] conv36 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool35[0][0]] maxpool36 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv36[0][0]] conv37 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool36[0][0]] maxpool37 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv37[0][0]] conv38 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool37[0][0]] maxpool38 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv38[0][0]] conv39 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool38[0][0]] maxpool39 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv39[0][0]] conv40 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool39[0][0]] maxpool40 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv40[0][0]] conv41 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool40[0][0]] maxpool41 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv41[0][0]] conv42 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool41[0][0]] maxpool42 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv42[0][0]] conv43 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool42[0][0]] maxpool43 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv43[0][0]] conv44 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool43[0][0]] maxpool44 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv44[0][0]] conv45 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool44[0][0]] maxpool45 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv45[0][0]] conv46 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool45[0][0]] maxpool46 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv46[0][0]] conv47 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool46[0][0]] maxpool47 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv47[0][0]] conv48 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool47[0][0]] maxpool48 (MaxPooling2D)     [None, 1, 1, 128]         0                          [conv48[0][0]] conv49 (Conv2D)              [None, 1, 1, 128]         3680                       [maxpool48[0][0]] maxpool49 (MaxPooling2D)</pre>