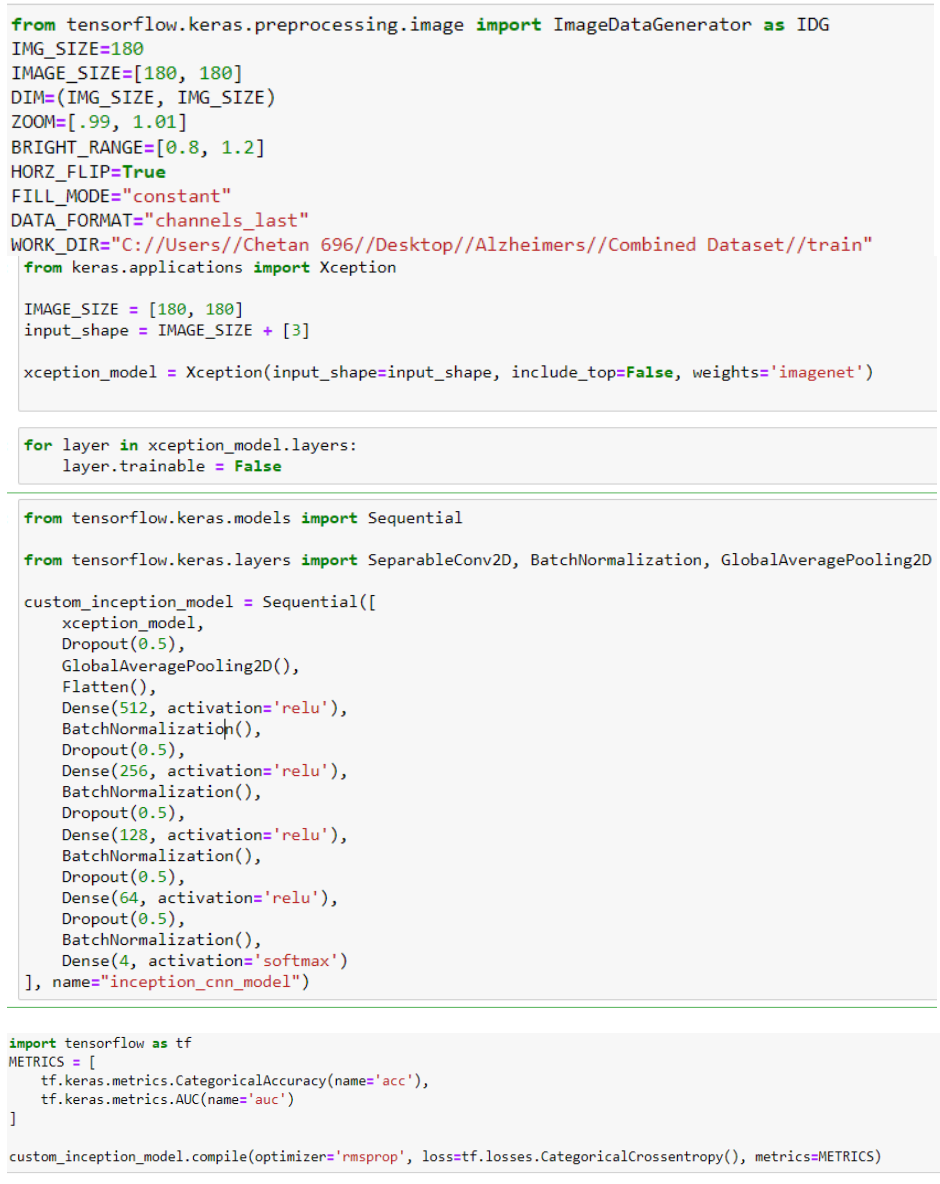
Project Development Phase
Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMIDxxxxxx
Project Name	Project - xxx
Maximum Marks	10 Marks

Model Performance Testing:

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

S.No.	Parameter	Values	Screenshot
1.	Model Summary	**Model** – Xception **Xception** is a convolutional neural network that is 71 layers deep. You can load a pretrained version of the network trained on more than a million images from the ImageNet database. The pretrained network can classify images into1000 object categories. It belongs to the Convolutional Neural Networks (CNN). **Architecture** – Convolutional Neural Networks (CNN) with 71 layers pre-defined. **Layers** – Dropout (0.5), GlobalAveragePooling2D (), Flatten (), Dense (512, activation='relu'), BatchNormalization () and Dense (4, activation='softmax') **Hyperparameters** – Epoch (50+30),	

2.	Accuracy	Training Accuracy - Validation Accuracy -	auc: 0.9917 - Training Accuracy val_auc: 0.9962 Validation Accuracy Epoch 30/30 130/130 [==============================] - 139s 1s/step - loss: 0.1927 - acc: 0.9286 - auc: 0.9917 - val_loss: 0.1379 - val_acc: 0.9452 - val_auc: 0.9962