## Radiology AI Project Documentation

## BATCH SIZE = 64

Here I have utilized the transfer learning with VGG19 model trained on 1000 class 'Imagenet' dataset and the top is removed to customize according to the number of output I want. Below image is for VGG19 transfer learning model bottom.

In below image, I'm using 2 dense layers with top layer/output layer with 3 neurones and softmax activation function since I'm classifying as 3 categories(3 outputs).

And also used Adam optimiser instead of SGD. Since Adam performed well on current task. Also used learning rate of 0.0001.

Above model was trained to 25 epoches which gave best accuracy and performance.