Experiment Number	Model	Result	Decision + Explanation
1	Conv3D	Throws Generator error	Resize the image properly and handle exception for the other image dimension
2	Conv3D	OOM error	Number of trainable params were high ~137 million changed architecture
3	Conv3D	Large training time time between epochs and kernel unresponsive	Batch size was huge ~400 - reduced to around 60
4	Conv3d	Training accuracy reached 100 % while Validation accuracy was between 68-72 %. This is an indication of overfitting	Added multiple dropout layers with either 0.25 or 0.50 probability of parameter drop
Final	Conv3D	Accuracy : 86 % after 22 epochs	Final model