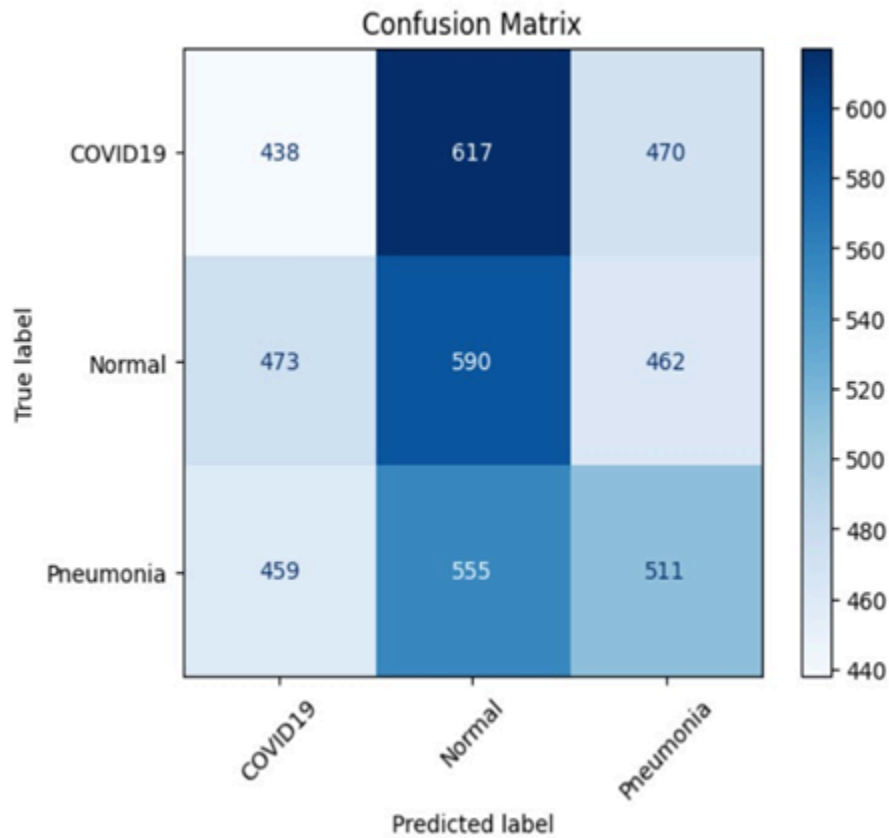


## Mini\_Project\_Paper\_Outcomes

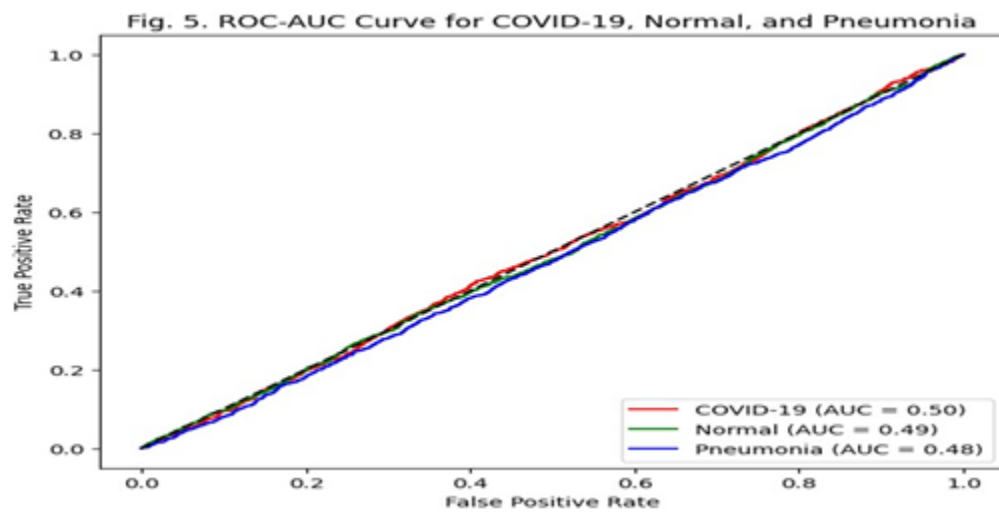
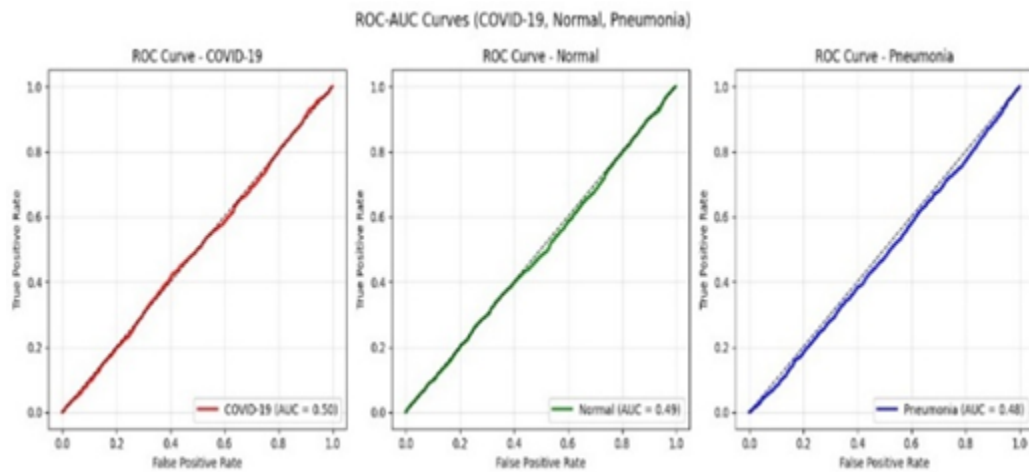
### 1.Confusion Matrix:



### 2.Classification Report:

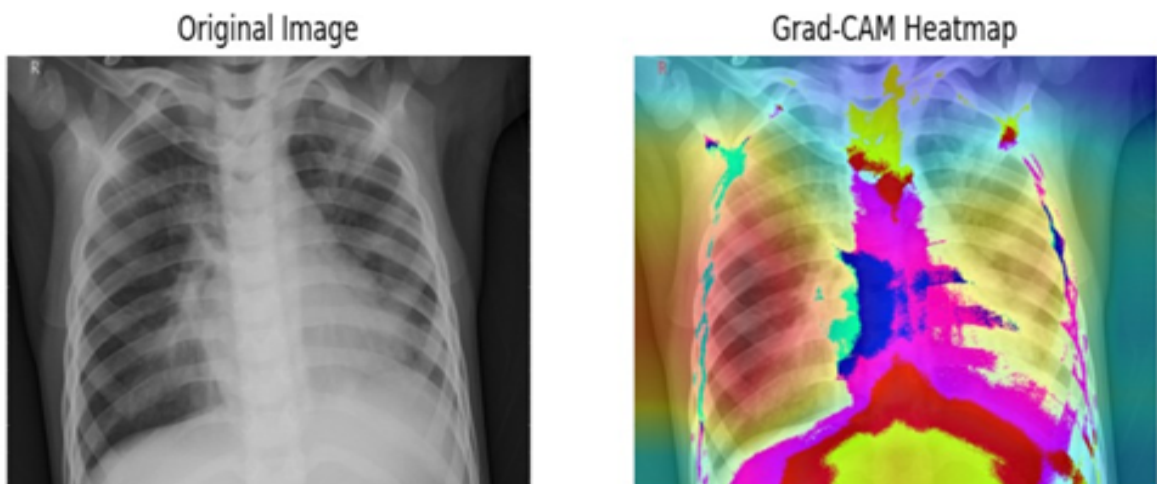
	Precision	Recall	F1-Score	Support
COVID19	0.32	0.29	0.3	1525
Normal	0.33	0.39	0.36	1525
Pneumonia	0.35	0.34	0.34	1525
Accuracy			0.34	4575
Macro Avg	0.34	0.34	0.34	4575
Weighted Avg	0.34	0.34	0.34	4575

### 3. ROC and AUC curve:

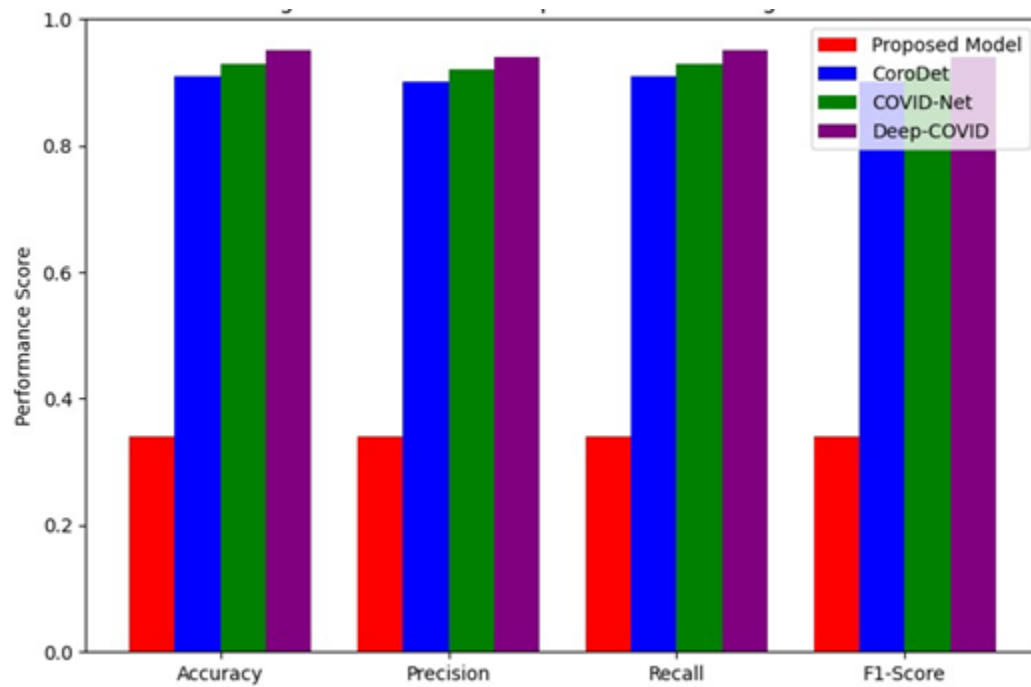


Overall curve for Pneumonia, COVID-19 and Normal

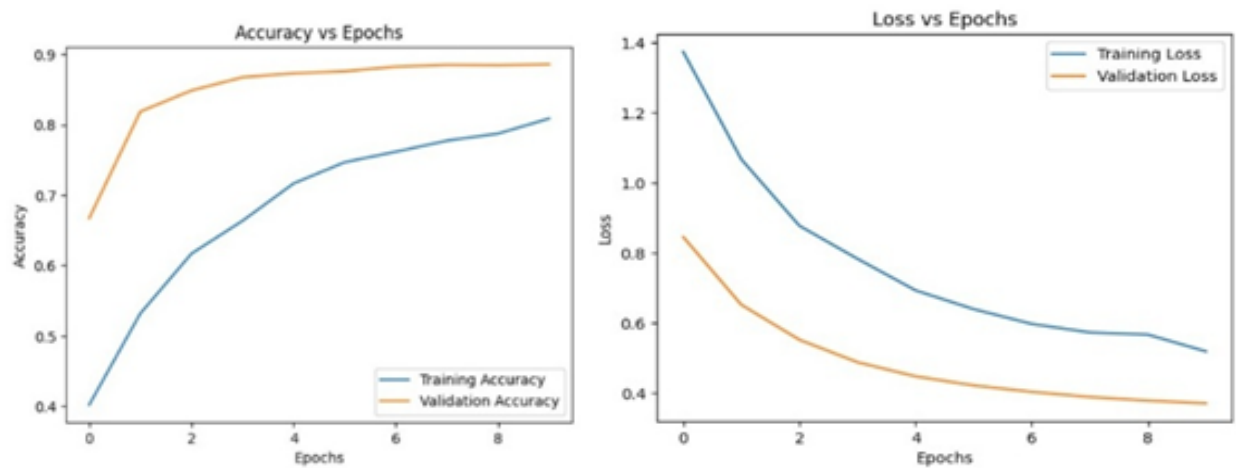
### 4. Explainability with Grad-CAM:



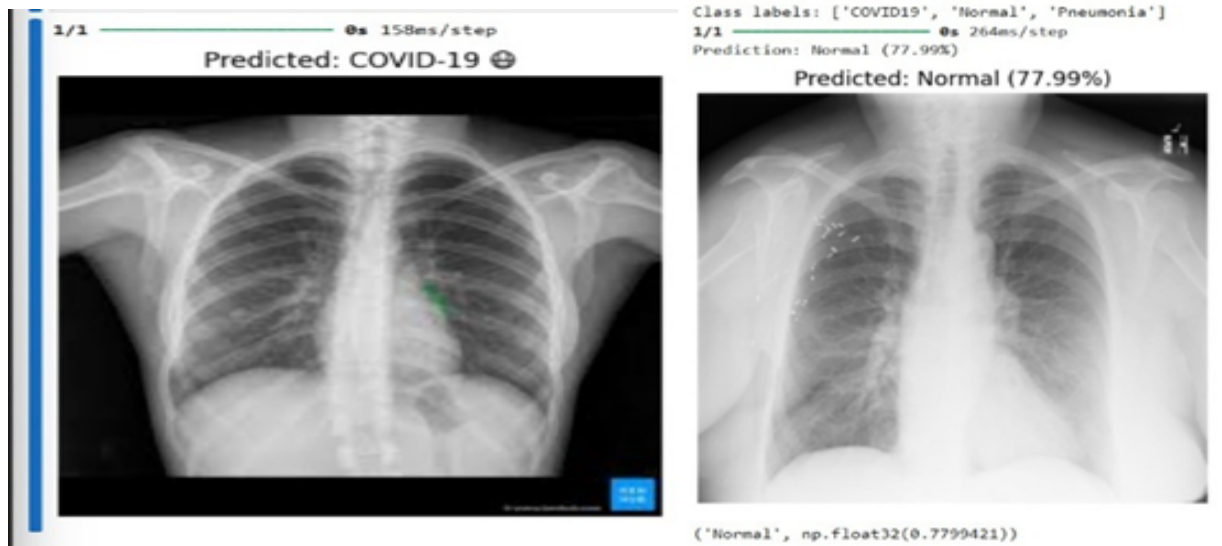
## 5.Comparative Discussion with other existing models:



## 6.Training and Validation performance analysis:



## 7. Predicted Output Visualization:



## 8. Severity Analysis:

