Model Development Phase Template

Date	15 March 2024
Team ID	SWUID20240034617
Project Title	CovidVision : Advanced COVID-19 Detection for Lung X-rays with Deep Learning
Maximum Marks	10 Marks

Initial Model Training Code, Model Validation and Evaluation Report

The initial model training code will be showcased in the future through a screenshot. The model validation and evaluation report will include a summary and training and validation performance metrics for multiple models, presented through respective screenshots.

Initial Model Training Code (5 marks):

Paste the screenshot of the model training code

Model Validation and Evaluation Report (5 marks):

Model	Summary	Training and Validation Performance Metrics

Model 1		
Model 2		

	 model.compile(optimizer='adam', loss='mean_squared_error', metrics=['mean_absolute_error']) model.summary() history = model.fit(X_scaled, y, epochs=50, batch_size=32, validation_split=0.2) loss, mae = model.evaluate(X_scaled, y) print(f'Test Mean Absolute Error: {mae}')	
...	...	...