Model Development Phase Template

Date	01 May 2025
Team ID	739870
Project Title	CovidVision: Advanced COVID-19 Detection From Lung X-Rays With Deep Learning Using IBM Cloud
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):

```
# fit the model
r = model.fit_generator(
  training_set,
  validation_data=test_set,
  epochs=25,
  steps_per_epoch=len(training_set)//16,
  validation_steps=len(test_set)//16,callbacks = my_callbacks
)
```

Model Validation and Evaluation Report (5 marks):

Model	Summary	Training and Validation Performance Metrics
Model 1