



Model Development Phase Template

Date	15 March 2024
Team ID	SWTID1720351492
Project Title	CovidVision: Advanced COVID-19 Detection from 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):





Model Validation and Evaluation Report (5 marks):

Model	del Summary			Training and Validation Performa Metrics
Model 1	Layer (type) input_layer (InputLayer) block1_conv1 (Conv2D) block1_conv2 (Conv2D) block2_conv2 (Conv2D) block2_conv1 (Conv2D) block2_conv2 (Conv2D) block3_conv1 (Conv2D) block3_conv2 (Conv2D) block3_conv2 (Conv2D) block3_conv3 (Conv2D) block3_conv4 (Conv2D) block3_conv4 (Conv2D) block3_conv4 (Conv2D) block4_conv1 (Conv2D) block4_conv2 (Conv2D) block4_conv3 (Conv2D) block4_conv4 (Conv2D) block5_conv1 (Conv2D) block5_conv1 (Conv2D) block5_conv1 (Conv2D) block5_conv2 (Conv2D) block5_conv2 (Conv2D) block5_conv3 (Conv2D) block5_conv4 (Conv2D) block5_conv2 (Conv2D) block5_conv3 (Conv2D) block5_conv4 (Conv2D) block5_conv4 (Conv2D) block5_conv2 (Conv2D) block5_conv3 (Conv2D) block5_conv4 (Conv2D) block5_conv3 (Conv2D) block5_conv3 (Conv2D) block5_conv4 (Conv2D) block5_conv4 (Conv2D) block5_conv3 (Conv2D) block5_conv3 (Conv2D) block5_conv4 (Conv2D) block5_conv3 (Conv2D) block5_conv3 (Conv2D) block5_conv3 (Conv2D) block5_conv4 (Conv2D) block5_conv3 (Conv2D) block5_conv3 (Conv2D) block5_conv3 (Conv2D) block5_conv4 (Conv2D) block5_conv3 (Conv2D) block	100.01 MB)	Param # 0 1,792 36,928 0 73,856 147,584 0 295,168 590,080 590,080 590,080 2,359,808 2,359,808 2,359,808 2,359,808 2,359,808 2,359,808 2,359,808 2,359,808 2,359,808 5,359,808 2,359,808 5,359,808 6,359,808	Oepoch [00:00, ?epoch/s] OXI