



Model Development Phase Template

| Date | 19 March 2024 |
|---------------|---------------------------------------------------------------------------------|
| Team ID | SWTID1720165000 |
| 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):

Paste the screenshot of the model training code

Model Validation and Evaluation Report (5 marks):

| Model | Summary | Training and Validation Performance Metrics |
|---------|-----------------------------------------------------------|------------------------------------------------|
| Model 1 | Screenshot of the neural network summary (EfficientNetB0) | 1 |





| Model 2 | Screenshot of the neural network summary(Xception) | Regime (Intition), editional globality generally, both size 11) Prove 779 P |
|---------|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model 3 | Screenshot of the neural network summary(VGG16) | © \$\text{Size}\$ (\$\text{Historic antiferrace and restor) profes (s)} \$\tilde{D}\$ (\$\text{gat}\$ (\$\text{Historic antiferrace and restor) professor (\$\text{gat}\$ (\$\text{Historic antiferrace and restor) professor (\$\text{gat}\$ |
| Model 4 | Screenshot of the neural network summary(Inception) | The first things brights to a classe. The first things the classes. The first happer brights to a classes. The first happer brights the classes. The first happer brigh |

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