



Model Development Phase

Date	15 March 2024
Team ID	739877
Project Title	WCE Curated Colon Disease Classification using Deep Learning
Maximum Marks	10 Marks

Initial Model Training Code, Model Validation and Evaluation Report Initial Model Training Code (5 marks):

```
#compiling the model
vgg16_model.compile(optimizer='adam',loss='categorical_crossentropy',metrics=['Accuracy'])
#train the model
vgg16_model.fit(train_data,epochs=9,validation_data=test_data)
```

Model Validation and Evaluation Report (5 marks):

Model 1 (vgg16)	Summary			Training and Validation Performance Metrics
	**gg16_model.summary(;) model."functional* Layer (type) Layer (type) input_layer (type) input_layer (type) blocks (cover (cover)) blocks (cover (cover)) blocks (move (cover)) blocks (cover (cover)) cover (cover) co	(None, 10, 10) (None, 10, 10) (None, 10, 10) (None, 10, 10, 10)	Param # 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	The control of the co