Model Development Phase Template

Date	15 March 2024
Team ID	SWTID1720110142
Project Title	SportSpecs: Unraveling Athletic Prowess with Advanced Transfer Learning for Sports
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.

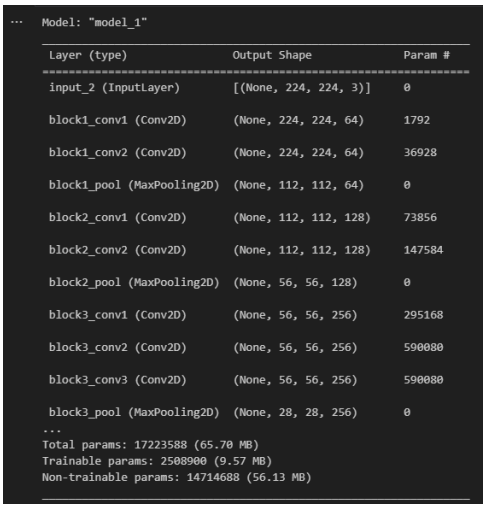
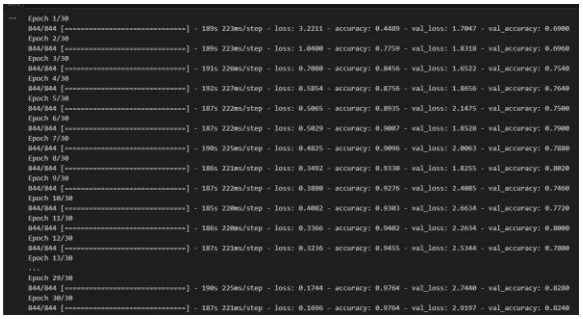
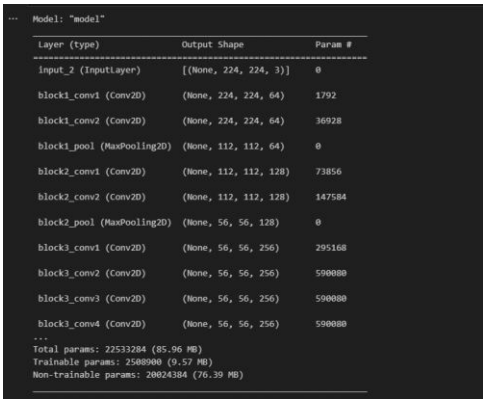
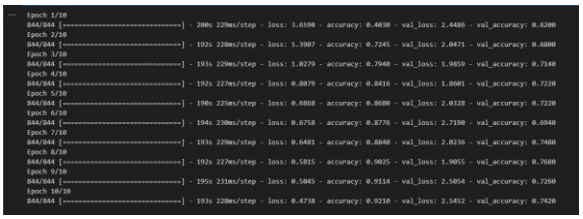
Initial Model Training Code (5 marks):

```
vgg16.compile(loss='categorical_crossentropy',optimizer='adam',metrics=['accuracy'])
```

```
vgg16.fit(train,validation_data=test,epochs=30)
```

Model Validation and Evaluation Report (5 marks):

Model	Summary	Training and Validation Performance Metrics

Vgg16		
Vgg19		
ResNet50