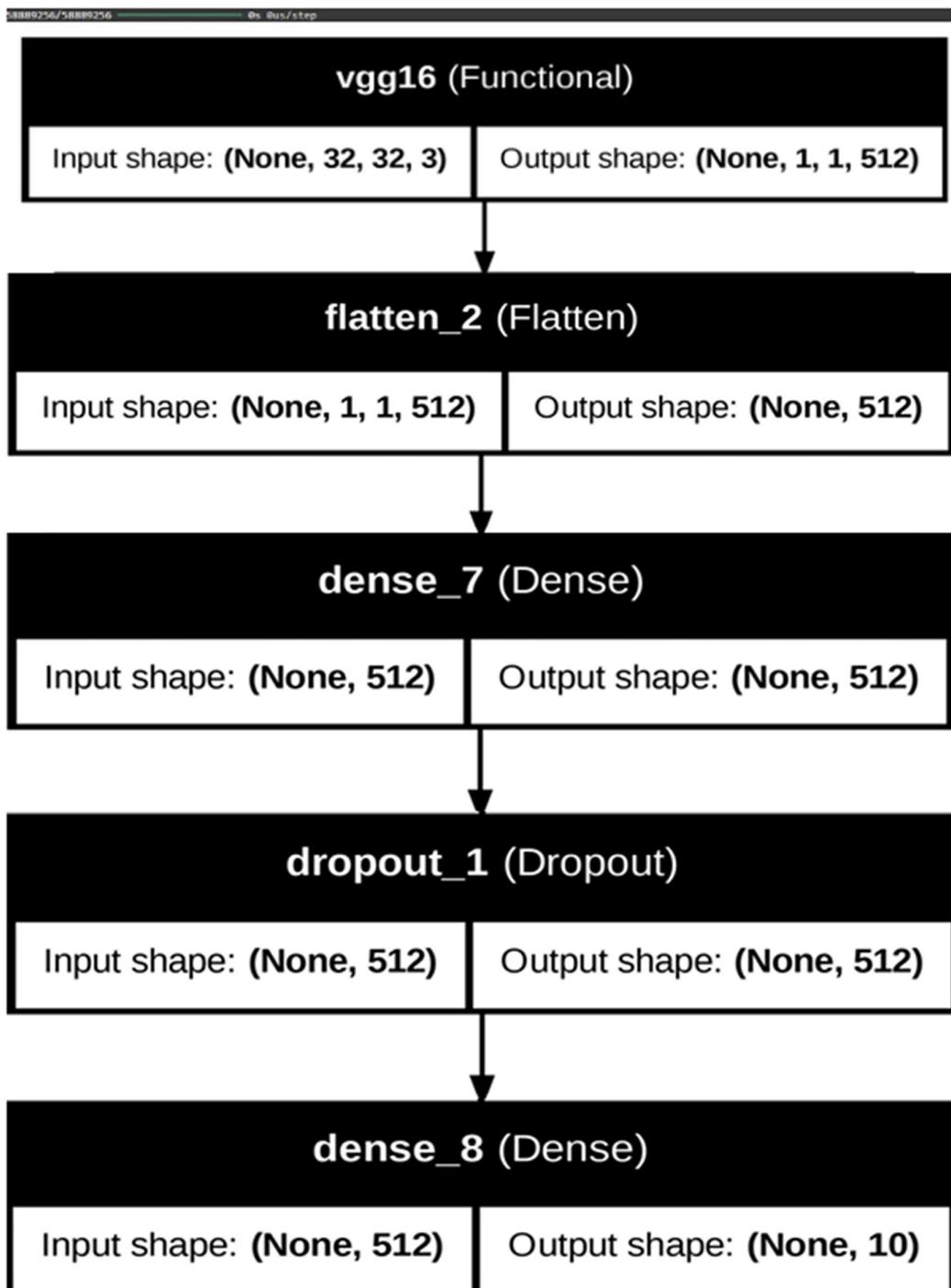NAME: KEEERTHIKA S
ROLL NO: 220701127
EXP_NO: 4

OUTPUT FOR EXP-4

```
Epoch 1/10
1250/1250 ━━━━━━━━━━━━━━━━━━━━ 580s 463ms/step - accuracy: 0.2851 - loss: 2.0021 - val_accuracy: 0.5015 - val_loss: 1.4614
Epoch 2/10
1250/1250 ━━━━━━━━━━━━━━━━━━━━ 618s 460ms/step - accuracy: 0.4840 - loss: 1.4918 - val_accuracy: 0.5393 - val_loss: 1.3512
Epoch 3/10
1250/1250 ━━━━━━━━━━━━━━━━━━━━ 574s 460ms/step - accuracy: 0.5235 - loss: 1.3748 - val_accuracy: 0.5521 - val_loss: 1.3007
Epoch 4/10
1250/1250 ━━━━━━━━━━━━━━━━━━━━ 624s 461ms/step - accuracy: 0.5373 - loss: 1.3335 - val_accuracy: 0.5674 - val_loss: 1.2630
Epoch 5/10
1250/1250 ━━━━━━━━━━━━━━━━━━━━ 577s 462ms/step - accuracy: 0.5587 - loss: 1.2804 - val_accuracy: 0.5720 - val_loss: 1.2381
Epoch 6/10
1250/1250 ━━━━━━━━━━━━━━━━━━━━ 538s 430ms/step - accuracy: 0.5692 - loss: 1.2482 - val_accuracy: 0.5783 - val_loss: 1.2146
Epoch 7/10
1250/1250 ━━━━━━━━━━━━━━━━━━━━ 600s 461ms/step - accuracy: 0.5717 - loss: 1.2292 - val_accuracy: 0.5821 - val_loss: 1.1994
Epoch 8/10
1250/1250 ━━━━━━━━━━━━━━━━━━━━ 620s 460ms/step - accuracy: 0.5770 - loss: 1.2138 - val_accuracy: 0.5882 - val_loss: 1.1849
Epoch 9/10
1250/1250 ━━━━━━━━━━━━━━━━━━━━ 575s 460ms/step - accuracy: 0.5898 - loss: 1.1833 - val_accuracy: 0.5911 - val_loss: 1.1766
Epoch 10/10
1250/1250 ━━━━━━━━━━━━━━━━━━━━ 624s 461ms/step - accuracy: 0.5937 - loss: 1.1666 - val_accuracy: 0.5905 - val_loss: 1.1690
313/313 ━━━━━━━━━━━━━━━━━━━━ 108s 345ms/step - accuracy: 0.5793 - loss: 1.1799
Test Loss: 1.1821
Test Accuracy: 58.40%
```



```
1/1 ━━━━━━━━━━━━━━━━━━━━ 0s 251ms/step
Predicted: cat
```