Project Development Phase Model Performance Test

Date	18 November 2023	
Team ID	Team-592072	
Project Name	Image Caption Generation	
Maximum Marks	10 Marks	

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Values	Screenshot
1.	Model Summary	-	
2.	Accuracy	Training accuracy 75.75	
3.	Confidence Score (Only Yolo Projects)	Bleu score - 45.45	

```
captions = mapping[key]
y_pred = predict_caption(model , features[key] , tokenizer , max_length)
    #split into words
y_real = [caption.split() for caption in captions]
y_pred = y_pred.split()

actual.append(y_real)
predict.append(y_pred)

print('bleu 1 : %f' % corpus_bleu(actual , predict , weights=(1.0 , 0 , 0 , 0)))
print('bleu 2 : %f' % corpus_bleu(actual , predict , weights=(0.5, 0.5 , 0 , 0)))

bleu 1 : 0.454545
bleu 2 : 0.213201
```

Accuracy:

Model Summary:

