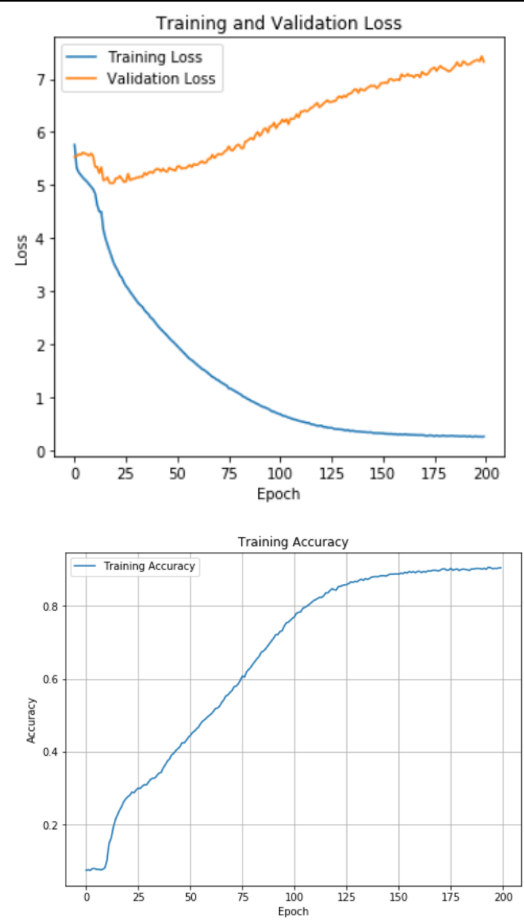


## Project Development Phase Model Performance Test

Date	22 November 2023
Team ID	591915
Project Name	Image caption generation
Maximum Marks	10 Marks

### Model Performance Testing:

S.No.	Parameter	Values	Screenshot
1.	Metrics	<b>Models used :</b> Graph for training and validation loss. Graph for training accuracy for 200 epochs.	 <p>The top graph, titled 'Training and Validation Loss', plots Loss (y-axis, 0 to 7) against Epoch (x-axis, 0 to 200). The Training Loss (blue line) starts at approximately 5.5 and decreases steadily to about 0.5 by epoch 200. The Validation Loss (orange line) starts at approximately 5.5, dips slightly to 5.2 around epoch 25, and then increases steadily to about 7.5 by epoch 200. The bottom graph, titled 'Training Accuracy', plots Accuracy (y-axis, 0.2 to 0.8) against Epoch (x-axis, 0 to 200). The Training Accuracy (blue line) starts at approximately 0.1, rises sharply to about 0.4 by epoch 25, and then continues to rise more gradually, reaching approximately 0.9 by epoch 200.</p>
2.	Tune the Model	Hyperparameter Tuning	Epochs = 200 input_shape=(224,224,3) Target_size = (224,224,3)) Max_word_length = 40