QUOTES GENERATOR USING LSTM MODEL

Member1 : Siddharth Dattatray Mane

Seat No : B234065
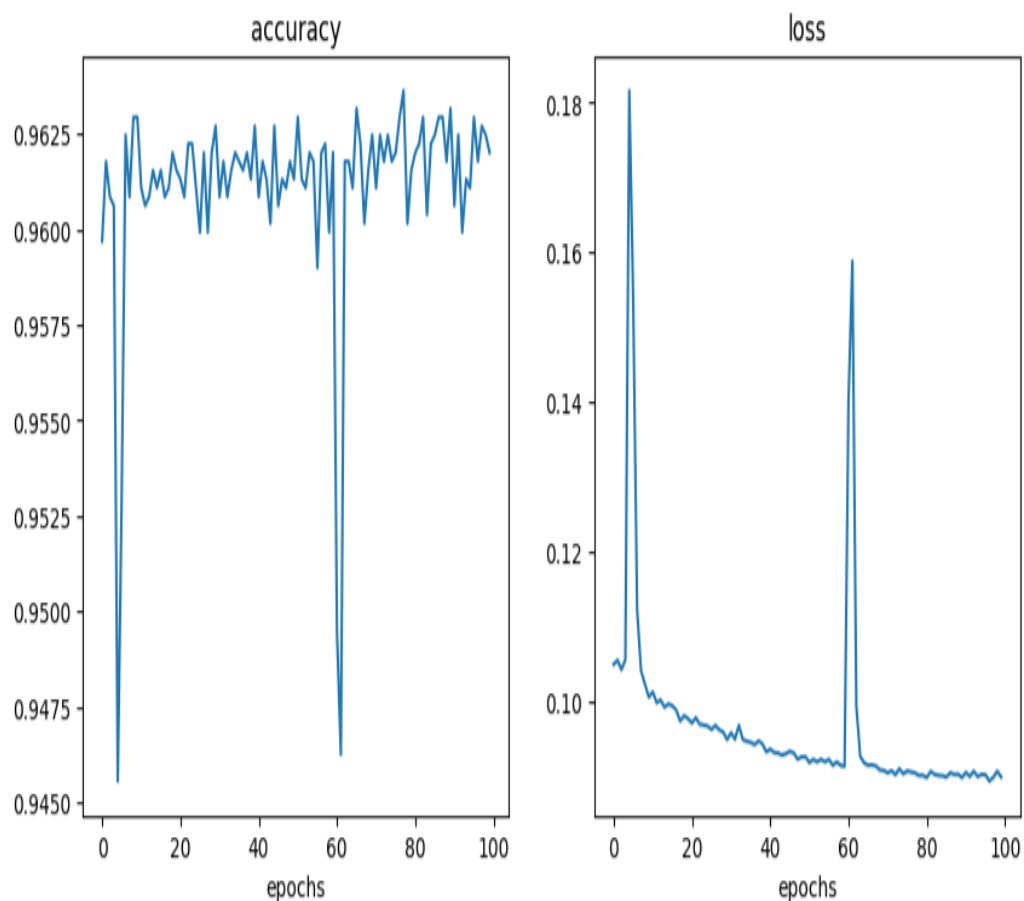
Member2 : Lokesh Devchand Chaudhari

Seat No : B234041

Member3 : Siddhant Chaudhari

Seat No : B234044

Accuracy and Loss Grapg with respt to Epochs

Accuracy : 96 %   and   Loss: 8%

Generating Further words of the Quotes when some words are given :

```python
import time
import numpy as np

q = "Love all"#trust a few do wrong to none"

for i in range(7):
    # tokenize
    token_text = tokenizer.texts_to_sequences([q])[0]
    # padding
    padded_token_text = pad_sequences([token_text], maxlen=42, padding='pre')
    # predict
    pos = np.argmax(loaded_model.predict(padded_token_text))

    for word,index in tokenizer.word_index.items():
        if index == pos:
            q = q + " " + word
            print(q)
            time.sleep(2)
```

```
1/1 [==============================] - 1s 881ms/step
Love all trust
1/1 [==============================] - 0s 73ms/step
Love all trust a
1/1 [==============================] - 0s 31ms/step
Love all trust a few
1/1 [==============================] - 0s 58ms/step
Love all trust a few do
1/1 [==============================] - 0s 31ms/step
Love all trust a few do wrong
1/1 [==============================] - 0s 32ms/step
Love all trust a few do wrong in
1/1 [==============================] - 0s 31ms/step
Love all trust a few do wrong in the
```