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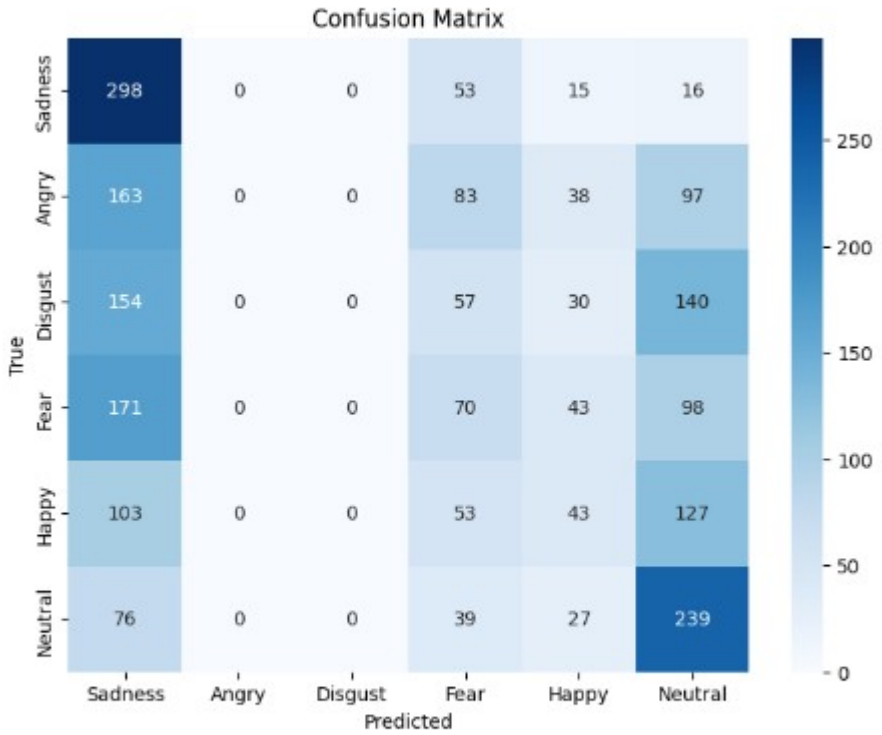
```
Labels shape: (7442,)
Time features shape: (7442,)
Energy features shape: (7442,)
Padded spectrograms shape: (7442, 128, 157)
```

For time space

```
70/70 [==============================] - 0s 4ms/step - loss: 1.6830 - accuracy: 0.2915
Test Loss: 1.6830371618270874
Test Accuracy: 0.2915360629558563
```

```
F1 Score: 0.2065195611455447
```

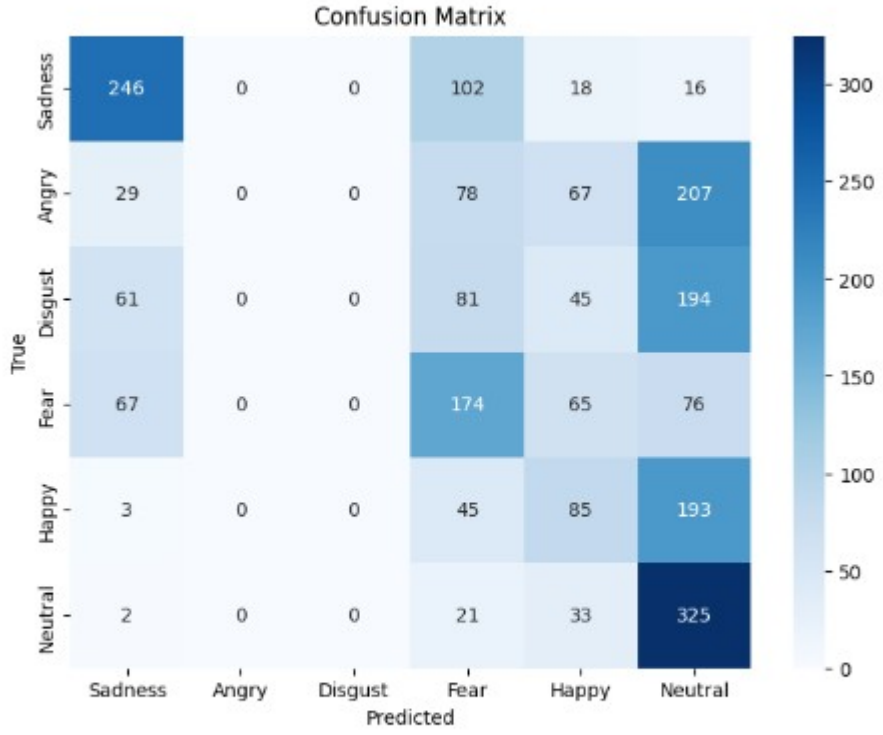



```
The most confusing classes are: Fear and Sadness
```

for energy space

```
70/70 [==============================] - 0s 3ms/s
tep - loss: 1.5018 - accuracy: 0.3717
Test Loss: 1.5017518997192383
Test Accuracy: 0.3716972768306732
```

```
F1 Score: 0.29247332784536917
```

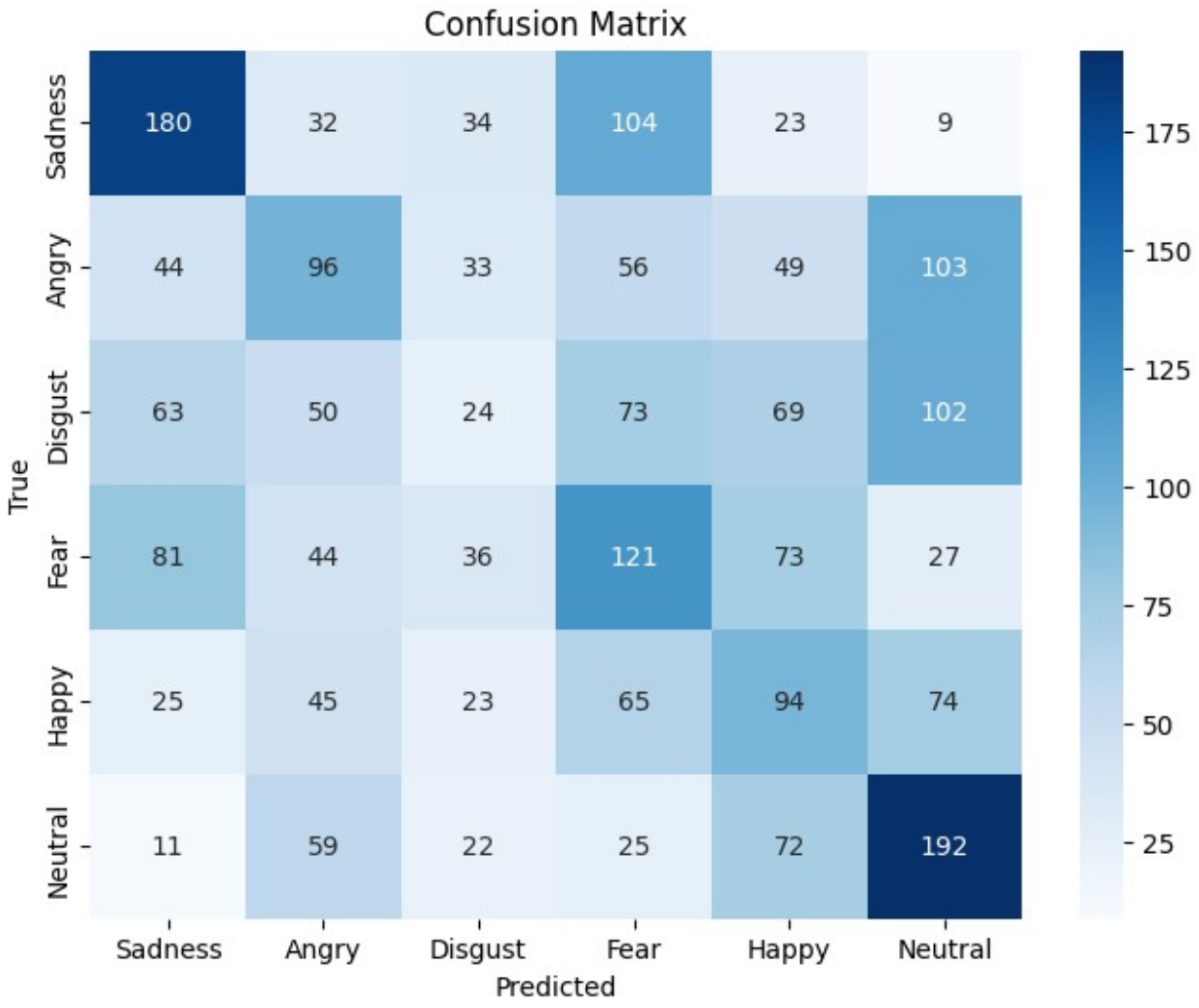



```
The most confusing classes are: Angry and Neutral
```

for mel spectrogram

```
70/70 [==============================] - 11s 160ms/step - loss: 2.0876 - accuracy: 0.3166
Test Loss: 2.0875580310821533
Test Accuracy: 0.31661441922187805
```

```
F1 Score: 0.3022772783090761
```




```
The most confusing classes are: Sadness and Fear
```