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1 C:\Users\J\Desktop\Major\venv\Scripts\python.exe C:\
  Users\J\Desktop\Major\Task_damage\damage_text_LSTM.py

2 Model: "sequential"
3 -----
4 Layer (type)                Output Shape
5 -----
6 embedding (Embedding)      (None, 25, 128
   )                256000
7
8 lstm (LSTM)                 (None, 128
   )                131584
9
10 dense (Dense)              (None, 3
   )                387
11
12 =====
13 Total params: 387,971
14 Trainable params: 387,971
15 Non-trainable params: 0
16 -----
17 None
18 Epoch 1/10
19 89/89 [=====] - 12s 63ms/
   step - loss: 0.8828 - accuracy: 0.6280
20 Epoch 2/10
21 89/89 [=====] - 5s 51ms/step
   - loss: 0.7728 - accuracy: 0.6543
22 Epoch 3/10
23 89/89 [=====] - 4s 49ms/step
   - loss: 0.7018 - accuracy: 0.6851
24 Epoch 4/10
25 89/89 [=====] - 4s 50ms/step

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25 - loss: 0.6409 - accuracy: 0.7230
26 Epoch 5/10
27 89/89 [=====] - 4s 49ms/step
   - loss: 0.5473 - accuracy: 0.7720
28 Epoch 6/10
29 89/89 [=====] - 5s 56ms/step
   - loss: 0.4709 - accuracy: 0.8099
30 Epoch 7/10
31 89/89 [=====] - 6s 71ms/step
   - loss: 0.4030 - accuracy: 0.8401
32 Epoch 8/10
33 89/89 [=====] - 6s 71ms/step
   - loss: 0.3636 - accuracy: 0.8589
34 Epoch 9/10
35 89/89 [=====] - 6s 72ms/step
   - loss: 0.3078 - accuracy: 0.8798
36 Epoch 10/10
37 89/89 [=====] - 6s 71ms/step
   - loss: 0.2864 - accuracy: 0.8869
38 23/23 [=====] - 1s 14ms/step
   - loss: 1.7467 - accuracy: 0.5694
39 Test accuracy: 0.5694050788879395
40 23/23 [=====] - 1s 15ms/step
41           precision    recall  f1-score   support
42
43          0          0.34          0.30          0.32           96
44          1          0.31          0.28          0.30          168
45          2          0.69          0.74          0.71          442
46
47      accuracy                    0.57          706
48      macro avg          0.45          0.44          0.44          706
49      weighted avg          0.55          0.57          0.56          706
50
51
52 Process finished with exit code 0
53

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