1.
```
Result = [0.8278597  0.10646105 2.1855583  0.56990707 0.         1.6353136
 1.454914   1.1312441 ]
```
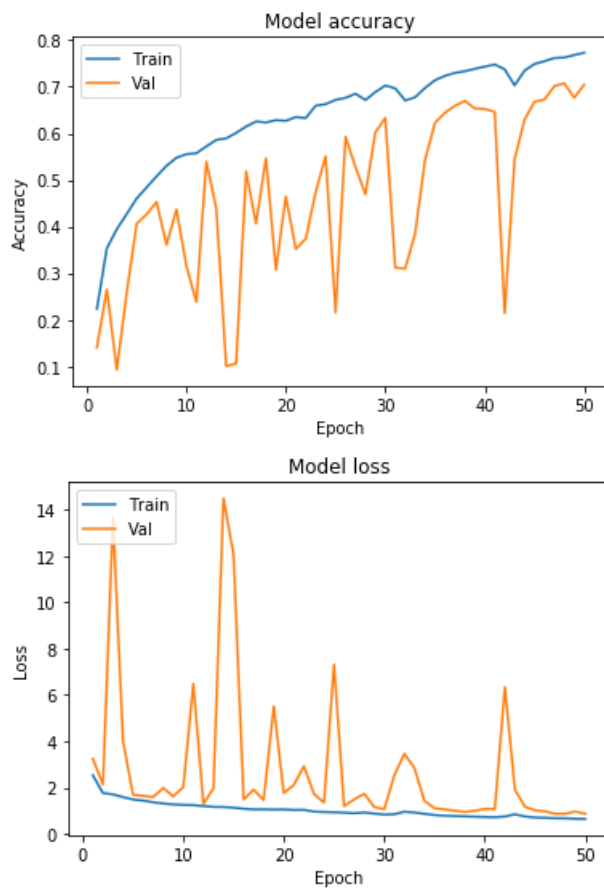
2.
```
Result = [0.         1.3407363 1.4184607 0.         0.         2.2878466
0.8547394
 0.5266884]
```

3.
```
Test loss: 0.8672622466087341
Test accuracy: 0.7046
```

4.

5.
The overall trend for the training accuracy is increasing with larger epoch size; however, the trend of the testing accuracy is not very stable. The testing accuracy experiences significant drop