Model	Dataset	Loss	MCC	Accuracy	F1 Score
SMART_Roberta_Large	AllAgree	0.0184	0.9919	0.9956	0.9959

epoch 0-4

```
epoch 0 Training avg loss 0.8110109157<u>3</u>6795
epoch 0 Testing avg loss 0.36834318648304853
{'mcc': 0.6818864236601224, 'acc': 0.8211920529801324, 'f1': 0.5610326994616229}
   0 2 62]
0 272 3]
0 14 100]]
227/227
      1 112]]
                                                                            227/227
100%1
epoch 2 Training avg loss 0.061389638325363594
epoch 2 Testing avg loss 0.039983839030467434
{'mcc': 0.967862141154437, 'acc': 0.9823399558498896, 'f1': 0.9803578328168493}
  62 1 1]
0 271 4]
0 2 112]]
                                                                           227/227
100%1
1 113]]
100%1
                                                                             227/227
```

epoch 5-9

```
227/227
   62 0 2]
0 272 3]
0 1 113]]
100%1
                                                                            227/227
73 2]
1 113]]
227/227
      73 Žį
1113]]
   0 273
                                                                            227/227
100%1
epoch 8 Training avg loss 0.014002066046114404
epoch 8 Testing avg loss 0.018352992398656186
{'mcc': 0.9919460939444583, 'acc': 0.9955849889624724, 'f1': 0.9958639021796917}
  64 0
     274 1]
1 113]]
   0 274
100%1
                                                                            227/227
epoch 9 Training avg loss 0.0061849252129022834
epoch 9 Testing avg loss 0.036635434256280415
{'mcc': 0.9799628847788407, 'acc': 0.9889624724061811, 'f1': 0.9877049102690466}
  64
         0]
   0 272 3]
1 1 112]]
```

epoch 10-14

```
100%H
                                                    227/227
ŏ 27Ž 3]
0 1 113]]
100%1
                                                     227/227
epoch 11 Training avg loss 0.0029894105476837005
epoch 11 Testing avg loss 0.038918282288553506
{'mcc': 0.9800380166960337, 'acc': 0.9889624724061811, 'f1': 0.989738070176827}
 64 0 0]
  0 271
      41
    1 113]]
100%1
                                                    227/227
100%|
                                                    227/227
0 272 3]
0 1 113]]
100%[
                                                     227/227
73 2]
1 113]]
```

epoch 15-19

```
epoch 0 Training avg loss 0.811010915736795
epoch 0 Testing avg loss 0.36834318648304853
{'mcc': 0.6818864236601224, 'acc': 0.8211920529801324, 'f1': 0.5610326994616229}
      0 2 62]
0 272 3]
      0 272 3]
0 14 100]]
100%1
                                                                                                                                             227/227
1 112]]
100%1
                                                                                                                                             227/227
epoch 2 Training avg loss 0.061389638325363594
epoch 2 Testing avg loss 0.039983839030467434
{'mcc': 0.967862141154437, 'acc': 0.9823399558498896, 'f1': 0.9803578328168493}
      0 271
           2 112]]
epoch 3 Training avg loss 0.03524651109714816
epoch 3 Testing avg loss 0.029680835436457734
{'mcc': 0.9879226565610321, 'acc': 0.9933774834437086, 'f1': 0.9917963946447941}
[[63 0 1]
                                                                                                                                             227/227
          0 1]
274 1]
1 113]]
      0 274
100%1
                                                                                                                                            227/227
epoch 4 Training avg loss 0.011823704708798373
epoch 4 Testing avg loss 0.03372830969971817
{'mcc': 0.9799773421171788, 'acc': 0.9889624724061811, 'f1': 0.9877272308446514}
   63 0 1
0 272 3]
0 1 113]]
```