Project Development Phase
Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID40244
Project Name	Web Phishing Detection
Maximum Marks	10 Marks

Model Performance Testing:

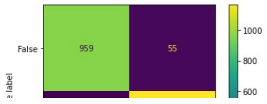
Project team shall fill the following information in model performance testing template.

S. No	Parameter	Values	Screenshot

```
In [16]: from sklearn import metrics
         import matplotlib.pyplot as plt

         confusion_matrix = metrics.confusion_matrix(y_test, y_pred5)

         cm_display = metrics.ConfusionMatrixDisplay(confusion_matrix = confusion_matrix, display_labels = [False,
         cm_display.plot()
         plt.show()
```




```
In [17]: DecisionT.tree_.max_depth
Out[17]: 24

In [32]: Decision = DecisionTreeClassifier(max_depth=20, random_state=60)
         Decision.fit(x_train,y_train)
         Decision.score(x_test,y_test)
Out[32]: 0.9620081411126187

In [ ]:
```

```
Accuracy Score : 0.9633649932157394
              precision    recall  f1-score   support

          -1       0.97      0.95      0.96      1014
           1       0.96      0.98      0.97      1197

    accuracy                           0.96      2211
   macro avg       0.96      0.96      0.96      2211
weighted avg       0.96      0.96      0.96      2211
```