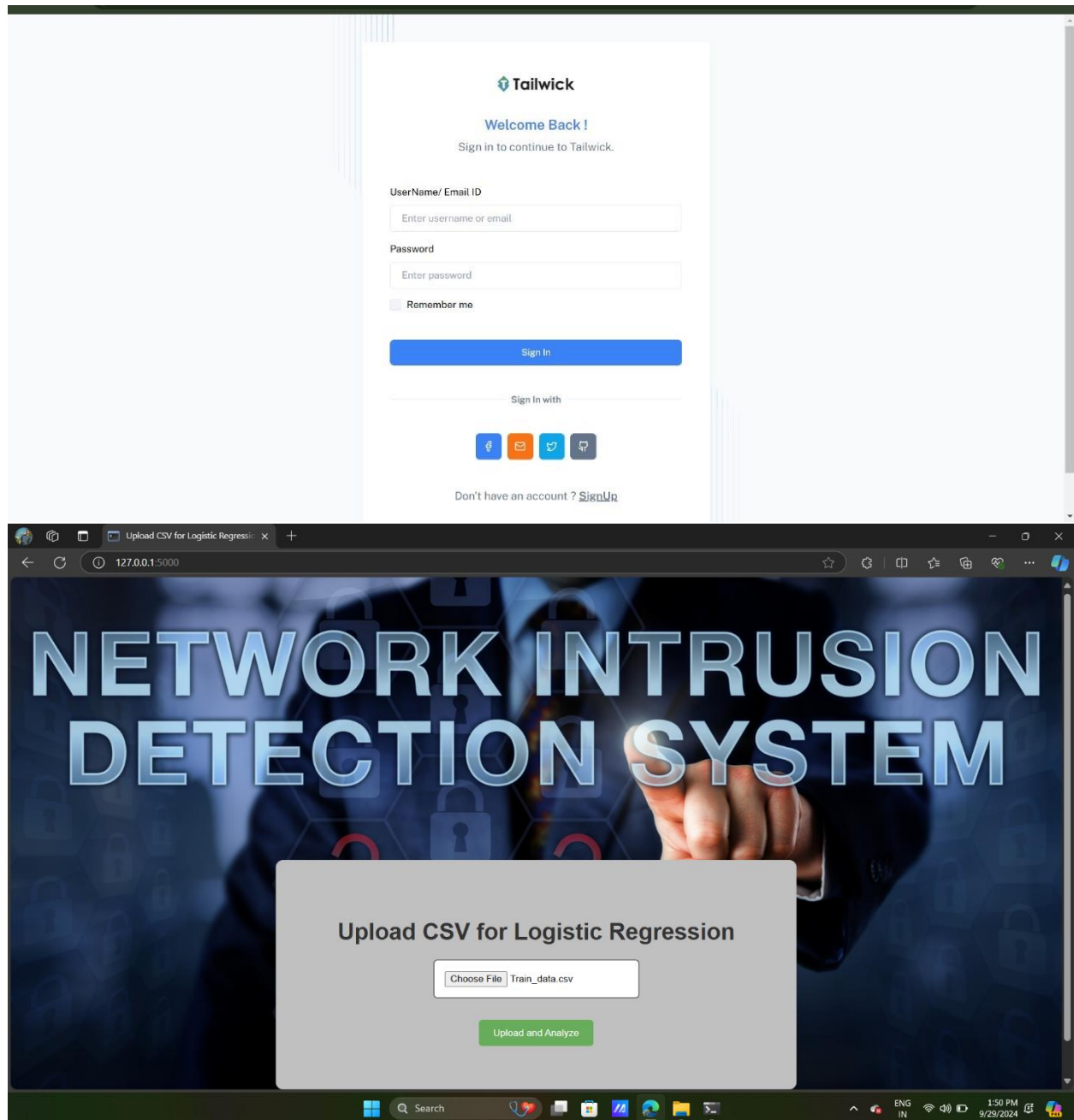# USER INTERFACE FOR NETWORK INTRUSION DETECTION SYSTEM USING MACHINE LEARNING

Logistic Regression Results

Coefficients

Feature Index	Coefficient
Feature 0	-1.3041319117609881e-06
Feature 1	5.4289007920356714e-05
Feature 2	-0.00031585247250148844
Feature 3	0.0005192900588590574
Feature 4	-8.537795049993733e-09
Feature 5	-5.288413679819416e-08
Feature 6	-2.5689190791707723e-10
Feature 7	-6.521572416523138e-06

Accuracy
0.8765878056525881

Confusion Matrix

	Predicted 0	Predicted 1
Actual 0	10122	1621
Actual 1	1488	11961

Classification Report

Metric	Class 0	Class 1
Precision	0.8718346253229974	0.8806508614342512
Recall	0.8619603167844674	0.8893598037028775
F1 Score	0.866869352973922	0.8849839073656174

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