

LIST OF TABLE

Table 1 . Related Works	11
Table 2 . Feature description of the network traffic in the UNB-CIC IoT Dataset	16
Table 3 . IoT devices included in the UNB-CIC IoT Dataset	18
Table 4 . Distribution of Traffic Labels in the CICIoT 2023 Dataset	22
Table 5 . Final Selected Features Based on Correlation with attack_status	26
Table 6 . Performance Comparison of KNN and KNN with Bagging	34
Table 7 . Time Efficiency Comparison Between KNN and KNN with Bagging	37