

LIST OF TABLES

Table II.1 STRIDE & MITRE ATT&CK Relationship.....	15
Table II.2 Previous Research.....	20
Table III.1 Data Collection.....	29
Table III.2 Data Processing.....	30
Table IV.1 Identification of Critical Components and Safety Functions.....	36
Table IV.2 Security Requirements Analysis.....	39
Table IV.3 STRIDE Threat Analysis.....	51
Table IV.4 MITRE ATT&CK Technique Mapping.....	54
Table IV.5 Risk Assessment and Mitigation Controls for Threat Scenarios.....	57
Table IV.6 Attack Scenario on Digital Merchant Point of Sale (POS).....	69
Table IV.7 Mitigation Solution.....	74
Table IV.8 Attack Scenario Analysis and Mitigation.....	79
Table IV.9 Expert Evaluation.....	85