

ATM FRAUD DETECTION SYSTEM



A Project report presented to the National University in partial fulfilment of the requirement for the degree of B.Sc. (Hon's) in Computer Science & Engineering

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DECLARATION

I hereby declare that I have completed partial work of this project under the supervision of Ditee Yasmeen, Assistant Professor, Department of Computer Science and Engineering (CSE), Institute of Science and Technology (IST), affiliated with the National University of Bangladesh. I also declare that neither this project nor any part of this has been submitted elsewhere for the award of any degree.

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APPROVAL

The project “ATM Fraud Detection System” submitted by Ashraf Hossain, Roll No: 6000243 and Registration No: 1112605 to the Department of Computer Science and Engineering, Institute of Science and Technology (IST), Dhaka, Bangladesh has been accepted as satisfactory for the partial fulfillment of the requirements for the Degree of Bachelor of Science in Computer Science and Engineering under National University and approved as to its style and contents.

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Abstract

This paper gives the intersection between the cash cards standards followed in the banks and the financial frauds. It undertakes two primary tasks; namely understanding of the traditional standard cash card provided by the banks and a proposed methodology to make them more secure to reduce the cash card frauds. The methodology uses the face detection procedure and online based account activation procedure which plays a prominent role to authenticate the user. This authentication mechanism is useful while transaction to secure cash card from being cloned via skimming device, card trapping. This paper provides a generalized solution for financial fraud by the cash card cloning or trapping that is being done in the field of E-banking.

Table of Contents

Chapter 1: Introduction

Page No.

1.1	Introduction.....	2
1.2	Motivation.....	2
1.3	Objective of the Project.....	2
1.4	Scope of the Work.....	2
1.5	Organization of the Project.....	3
1.6	Summary.....	3

Chapter 2: ATM

2.1	What is ATM?	5
2.2	How it Works?	6
2.3	What is ATM Fraud?	7
2.4	Types of ATM Fraud or Attack.....	8
	2.4.1 Card Skimming.....	8
	2.4.2Salisi Gang.....	9
	2.4.2.1 How the Salisi Gang Works.....	10
	2.4.2.2 Another Version of This.....	10
	2.4.3 Cash Trapping.....	10
	2.4.3.1 How Cash Trapping Works.....	11
	2.4.4 Card Trapping.....	11
	2.4.5Fake PIN Pad Overlay.....	12
	2.4.6 Shoulder Surfing.....	12
	2.4.7 Fake Assistance.....	13
	2.4.8Physical Attack.....	13
2.5	Summary.....	13

3.1	Requirement Analysis.....	15
3.2	Process Specification.....	15
3.3	Functional Requirements.....	15
3.4	Non-functional Requirements.....	15
3.5	Feasibility Study.....	16
	3.5.1 Technical Feasibility.....	16
	3.5.2 Economic Feasibility.....	16
	3.5.3 Operational Feasibility.....	16
3.6	Summary.....	16

Chapter 4: Process Modeling

4.1	Proposed System Overview.....	18
4.2	Waterfall Model.....	18
4.3	Workflow in Waterfall Model.....	18
4.4	System Flowchart.....	19
4.5	Summary.....	20

Chapter 5: System Design

5.1	E-R Diagram.....	22
5.2	Data Flow Diagram.....	22
	5.2.1 DFD Level 0.....	23
	5.2.2 DFD Level 1.....	23
	5.2.3 DFD Level 2.....	24
5.3	UML Design.....	25
	5.3.1 Use Case Diagram.....	25
5.4	Summary.....	26

Chapter 6: Development Process

Page No.

6.1	Development Strategy.....	28
6.2	System Model.....	28
6.3	System Interface.....	29
	6.3.1 Admin.....	29
	6.3.2 Client.....	29
	6.3.3 ATM Machine.....	29
6.4	Summary.....	29

Chapter 7: Development Environment and Testing

7.1	Development Environment and Tools.....	31
	7.1.1 Platform.....	31
	7.1.2 Editor and Productivity Management Tools.....	31
	7.1.3 Required tools and Modules.....	31
	7.1.4 Technology.....	31
7.2	System Introduce and Testing.....	32
7.3	Comparison with Existing System.....	37
7.4	Summary.....	37

Chapter 8: Conclusion and Future Works

8.1	Conclusion.....	39
8.2	Future Works.....	39

List of Figures

	Page No.
Fig 2.1: ATM Machine	6
Fig 2.2: ATM system	7
Fig 2.3: ATM Fraud	8
Fig 2.4: Card Skimming	9
Fig 2.5: Salisi Gang	9
Fig 2.6: Cash Trapping	11
Fig 2.7: Card Trapping	11
Fig 2.8: Fake PIN Pad Overlay	12
Fig 2.9: Shoulder Surfing	12
Fig 4.1: Waterfall Model	19
Fig 4.2: System Flowchart	19
Fig 5.1: E-R Diagram for ATM Transaction	22
Fig 5.2: DFD Level 0	23
Fig 5.3: DFD Level 1	23
Fig 5.4: DFD Level 2	24
Fig 5.5: Use Case Diagram	25
Fig 6.1: Client-Server Model	28
Fig 7.1: Admin Panel	32
Fig 7.2: Client Interface	33
Fig 7.3: Card Entry and Choosing Authentication Method	34
Fig 7.4: Authentication Methods	35
Fig 7.5: Transaction Process	36