

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.

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