PROJECT REPORT
Automatic Teller Machine
Using Hash Table
Sesilia Novita Kusumaningtyas
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FACULTY OF COMPUTER SCIENCE
SOEGIJAPRANATA CATHOLIC UNIVERSITY
Jl. Pawiyatan Luhur IV/1, Bendan Duwur, SEMARANG 50234
Telp. 024-8441555 (hunting) Web: http://www.unika.ac.id
http://ikom.unika.web.id/

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APPROVAL AND RATIFICATION PAGE

PROJECT REPORT

Automatic Teller Machine Using Hash Table

This project report has been approved and ratified by the Dean of Faculty of Computer Science and Supervisor on January, 21\textsuperscript{st} 2014

With approval,

Examiners,

Suyanto Edward Antonius, Jr., M.Sc.

Shinta Estri Wahyuningrum, S.Si, M.Cs
NPP : 058.1.2007.272

Examiners,

Rosita Herawati, ST., MIT
NPP : 058.1.2004.263

Hironimus Leopo, S.Kom., M.Kom
NPP : 058.1.2007.273

Supervisor,

Dean of Faculty of Computer Science,

Hironimus Leopo, S.Kom., M.Kom
NPP : 058.1.2007.273
STATEMENT OF ORIGINALITY

I, the undersigned:

Name : Sesilia Novita Kusumaningtyas
ID   : 09.02.0012

Certify that this project was made by myself and not copy or plagiarize from other people, except that in writing expressed to the other article. If it is proven that this project was plagiarizes or copy the other, I am ready to accept a sanction.

Semarang, January 21th 2014

Sesilia Novita Kusumaningtyas
09.02.0012
ABSTRACT

An automated teller machine (ATM) is an electronic telecommunications device that enables the clients of a financial institution to perform financial transactions without the need for a cashier, human clerk or bank teller.

This application is used to display showing such a balance account data, cash withdrawals and can also increased deposit balances were already specified. "norek" (account number) as the key of searching be stored in linked list which is consist of "nama", "norek" itself, "ttl", "jk", "alamat", "kota", "nohp", and "saldo". Then the linked list itself has the advantage in the allocation of memory, so the data can be accommodated as much as we want.

This application also uses hash table to accelerate the search time. The hash table also can accommodate string data to match the existing data in the linked list.

Keyword: Hash Table, Linked List.
FOREWORD

The project of Automatic Teller Machine Using Hash Table has given me a lot of new experience and knowledge especially about Data structure. I learn so much things in making this project. All works, failures and successes in the finishing of this project are the implementation of of all that I have got along my period of studying at computer science faculty of UNIKA SOEGIJAPRANATA.

I couldn’t finish this project and report without the miraculous hands of God and all support and encourages from people who love me. So in this opportunity, I would like to thank:

1. Father, Jesus Christ, Mother Maria and Holy Spirit for all the miracles and the best blessing to bring me through the every changes.
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6. And all people that I can’t mention all the names.

Last but not least, I would like to apologize if I made many mistakes in finishing the project and writing this report. Therefore, critics and suggestions are expected.

Semarang, 29 January 2014

Sesilia Novita Kusumaningtyas
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