PROJECT REPORT

Automatic Teller Machine Using Hash Table

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APPROVAL AND RATIFICATION PAGE

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This project report has been approved and ratified by the Dean of Faculty of Computer Science and Supervisor on January, 21th 2014

With approval,

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STATEMENT OF ORIGINALITY

I, the undersigned:

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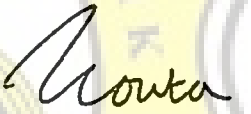
Certify that this project was made by myself and not copy or plagiarize from other people, except that in writing expressed to the other article. If it is proven that this project was plagiarizes or copy the other, I am ready to accept a sanction.

Semarang, January 21th 2014



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ABSTRACT

An automated teller machine (ATM) is an electronic telecommunications device that enables the clients of a financial of a financial intitution 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.
2. My Father and my mother, the best parent in my life who struggling hard for me. My sister and all of my family for all supports.
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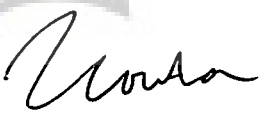
4. Mrs. Shinta Estri W., S.Sci. M.Cs my supervisor you're the best.
5. My friends Shinta, Anani, Ditha, Betty, Inar, Chuppa, all friends in same battlefield and IKOM 2009 God bless you all.
6. And all people that I can't mention all the names.

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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