VIETNAM NATIONAL UNIVERSITY

INTERNATIONAL UNIVERSITY – HCMC

SCHOOL OF BUSINESS

A picture containing room

Description automatically generated

**REPORT**

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< BANK MANAGEMENT>

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EVALUATION BOARD

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **STT** | **NAME** | **Student ID** | **Contribution** | **Completion rate (%)** | **Cooperative attitude (poor, average, fair, good)** | **Contribution level**  **(Total 100%)** |
| **1** | **Cao Tấn Phát** | ITITIU19039 | Database | 100% | Good | 100% |
| **2** | **Võ Ngọc Khương Duy** | ITITIU19108 | Database | 100% | Good | 100% |
| **3** | **Nguyễn Hà Hiệp** | ITITIU19117 | GUI | 100% | Good | 100% |
| **4** | **Bùi Nguyễn Phương Giao** | ITITIU19113 | GUI | 100% | Good | 100% |

1. Problem

* A customer is a bank manager requesting to build a software to support the management of services and customers. Bank information is as follows:
* Information about managers in the bank:
* Full name
* Phone number
* Identity card
* Pin code
* Password
* When the customer uses the services, the customer must provide enough information to save in the database.
* Full name
* Phone number
* Identity number
* Pin code
* Password
* Display information about services when customers need, including:
* Transfers
* Send money
* Withdraw
* Change password
* View transaction history and balance
* Add and remove customer.
* The system allows logging in and managing:
* Administrator:
* Receiving customers
* Remove customers
* Service management
* Customer management
* Make statistics table of the number of customers
* Customer:
* Bank information
* Information about services
* Personal information provided to the bank

1. Introduction:

Source Code Full functional ATM system management software programmed in Java language and TXT database, easy-to-understand programming code, very suitable for those who want to learn, refer to source code to program about Java, doing projects, doing big homework, doing graduation thesis, …

1. Summary of the project:

- Introduction:

An automatic teller machine or automatic teller machine (also known as ATM, short for Automated Teller Machine or Automatic Teller Machine in English) is a banking device that automatically transactions with customers, making receipt form customers through ATM cards or compatible devices, and help customers check accounts, withdraw cash, transfer money, pay for goods and services.

Management software ATM card system

The ATM card system management software is a software applied on personal computers, and has the function of simulating the ATM card system management process.

- Application range

The software is applied on personal computers.

- Objects used

Individuals wishing to learn about ATM card management system.

3. System

1. The purpose of the project

Building management software for ATM card system.

2. Name of the system

Management software ATM card system.

4. Tools used for development

- Design the theme:

+ Eclipse

+ Pinterest

- Data processing and programming:

+ Java

+ TXT file

1. FOR CUSTOMERS USING THE ATM SIMPLE FUNCTION

Customers using ATMs will provide the following functions:

1. Withdraw money.

After logging into their account and withdrawing, customers will be able to choose the denominations of money according to the system's regulations. When the customer performs the withdrawal function, the system will process the transaction and notify it successfully after completing the transaction.

2. Deposit

After logging in to your account and sending money, customers will be asked to enter a deposit amount according to the system's regulations. When the customer performs the deposit function, the system will process the transaction and notify it successfully after completing the transaction.

3. Transfer.

After logging in to your account and transferring money, customers will be asked to enter the account number to be transferred to. When the customer performs the transfer function, the system will process the transaction and notify the successful transaction after the transaction is completed.

4. Change password

After logging in to your account and exchanging batteries, customers will be asked to enter old and new pin numbers. When the customer performs the battery exchange function, the system will process the transaction and notify the transaction success after completing the transaction.

5. View transaction history.

After logging in to the account and performing the account inquiry function, customers will see all of the day's transactions and information about their account.

6. FOR THE MANAGERS

The person granted Admin will have the right to login to the administrative system. After logging in to the administrative system, the administrator will have the following functions:

1. Management account management function.

The function of managing administrative accounts helps administrators to add new admin accounts, close, open administrative accounts or delete administrative accounts, change passwords as well as change account information administrator account, search function by email or full name.

2. Account management function.

The administrator will have the right to add, edit, close or reopen registered accounts. The administrator also has the right to manage transactions of customers who have registered for an account. Transaction management functions including deposit, withdrawal and transfer. In addition, the administrator also has the function to search by account number or the name of the account holder, and view transaction details of each customer.

3. Transaction statistics function.

The administrator will have the right to view all customer transactions, search by account number and account holder.