

**ATM**

Member:

Võ Tuệ Nam

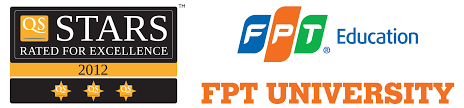
Lê Quốc Thái

Lê Hoàng Tiểu Phụng

Nguyễn Lý Phương Uyên

Instructor: Lương Hoàng Hướng

December 8, 2019

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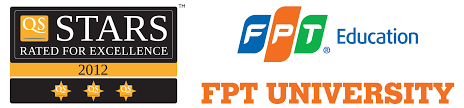
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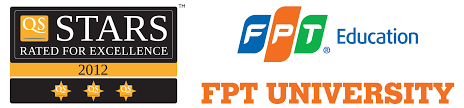


PROBLEM DEFINITION

An automated Teller Machine (ATM), also known as a Cash Machine and by several other names is a computerized device that provides the clients the financial institution without the need for the cashier .The client is identified by inserting unique card number and some security information. A user can assess the ATM system / screen only after entering the correct user name and the password on the very first screen which is installed on the the ATM room.

The user name should be the unique card number provided to the user and the password can be any numeric number of four digits which is called as PIN (Personal Identification number).

Earlier all this transaction is done manually which requires lot of paper work . Manual works make the maintenance difficult and also increases possibility of the discrepancies in data. Even Data retrieving also becomes hectic with this system. To avoid the wastage of time company has approached you to make the Automated System Since the ATM System is designed for the existing user, creating the account would be done by admin only.



**PROJECT DETAILS**

**- Name of instructor:** Luong Hoang Huong

- Address: FPT Can Tho University

- Members in group:

+ Vo Tue Nam(leader)

+ Le Quoc Thai

+ Le Hoang Tieu Phung

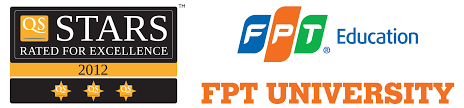
+ Nguyen Ly Phuong Uyen

* SCHEDULE

Start of project: 1/12/2019

End of project: 8/12/2019

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Task No. | Date | Task Description | Member | Date Finish |
| 1 | 1/12/2019 | Draw ideas | All | 1/12/2019 |
| 2 | 2/12/2019 | Write document | All | 3/12/2019 |
| 3 | 4/12/2019 | Coding | All | 7/12/2019 |
| 4 | 8/12/2019 | Draw UML and diagram | All | 8/12/2019 |



**USER REQUIREMENTS**

**1. Input**

**-** Create an account Admin

- Create an acount User

**2. Output**

- Information of the function is required

**3. List of functions**

- Admin:

+ Create account user

+ Delete account user

+ View transaction history

* User:

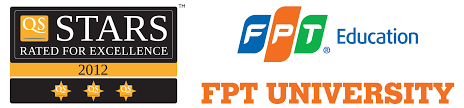
+ Desposit

+ Withdrawal

+ Balance Enquiry

+ Transfer money

+ Change Password



**HARDWARE AND SOFTWARE**

**REQUIREMENTS**

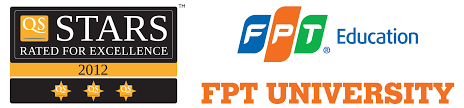
**1. Hardware requirements**

|  |  |  |
| --- | --- | --- |
|  | **Minimal configurations** | **Recommended configuration** |
| **CPU** | 500MHz Intel Pentium III  workstation or equivalent | 780MHz Intel Pentium III workstation or equivalent |
| **RAM** | 384MB | 512MB |
| **HDD** | 125MB | |

**2. Software requirements**

- Windows 7 or higher

- JRE 1.7 or higher



**CLASS DIAGRAM**