

# ATM Management System

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## Abstract

*The ATM System is the project which is used to access their bank Accounts in Order to make cash withdrawals. Whenever the user need to make Cash Withdraws, they can enter their PIN number (personal identification Number) And it will display the amount to be withdrawn in the form of 100's 500's and 1000's. Once their withdrawn was successful, the amount will be Debited in Their account. The ATM will communicate each transaction to the database and Obtain Verification that it was allowed by the database. In the case of a cash Withdrawal, a second message will be sent after the transaction has been Physically completed (cash dispensed or envelope accepted).*

*Keywords: customer, transaction, verification, withdrawal, envelope*

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## Introduction

Introduction to the ATM system: Automated Teller Machine enables the clients Of a bank to have Access to their account without going to the bank. This is Achieved only by Development the application using online concepts. When the Product is implemented, the user who uses this product Will be able to see all The information and services provided by the ATM, When he enters the Necessary option and arguments. The product also provides services like request For cheques, deposit Cash and other advanced requirement of the user. The Data is stored in the Database and is retrieved whenever necessary.

## Methodology

The program is designed in such a way that the user has to card And pin Number. Once verified, he is provided a menu and he/she had to Enter the Option provided in the menu. For example, when the user wants To view the listOf payment history than he/she had to enter the option for Payment history Provided in the main menu. When the option is entered Alone with the Respective argument, then the payment history is displayed On the screen. Now a days every one very busy in their work. So they feel that the Job must be Easier so the system is used to reduce their work which is done In the ATM System.

## Testing

Testing: Testing is the one of step in the software process that could be viewed as destructive rather than constructive. 1. White box testing: White box tests focus on the program control structure,

internal program logic is exercised using this techniques. 2.Blackbox Testing: Black box testing is software requirements are exercised and derive sets of inputs conditions that will fully exercise all functional requirements for a program this testing is also called "behavioral testing".3. Level Of Testing: The details of software functionality & test conditions are satisfied fully on behavioral based so that choose for black box testing.

## Advantages

- Minimizes Transactions Cost
- Charges Fees.
- Limitation on Cash Withdrawal
- Possibility of Frauds.

### Disadvantages

- Personal touch of customers-employee relation is missing.
- Due to leakage of PIN, fraud can take place easily.
- Initial cost of hardware, software, and installation site is very high.
- Limitation of withdrawal of money.

### Conclusion

Based studies on the ATM we hereby conclude that ATM is the easiest Way of depositing and withdrawing money. Transaction is possible any time, That's why in India some people call ATM as "all time money". If ATM machines Are connected to internet then its possible to do transaction from any where, 24 Hours a days and 365 days a year. With the security of ATM improving it has Now become a safe mode of transaction. Hence it can be concluded that ATM is Safe, fast, reliable, convenient, excisable and any time money machine. We hereby create an application to work on android devices that Locates the nearest ATM or the list of ATM centers over specified distance. The Application developed would be of great use for all the banking users to find Their nearest ATM's in the sense that they can reduce their work of searching For the ATM'S nearby. This application gains importance in the sense that it is Not specific to a particular ATM instead it locates and lists out all the ATM's Within the given limit of radius.

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