

# ATM Management System

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**Abstract**—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

## I. INTRODUCTION

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. The implementation needs ATM machine hardware to operate or similar simulated conditions can also be used to successfully use the developed product.

To develop this ATM system the entire operation has been divided into the following step:

1. Verification process
2. Banking services
3. Transactions
4. Special services

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 list of 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. The user also must be given option to browse through the pages like previous page.

## Scope of Project

The scope of the project is used to give a simple and attractive look to our project. It also reduces our hard work, and it is less time consuming while doing it offline, or we can say by doing it by old methods. A good scope statement includes the following things:

- The justification for the project
- Acceptance criteria
- Milestones
- Constrains
- Overall requirements of the work
- Inclusions and exclusions

## REQUIREMENT ANALYSIS

This activity typically involves interviewing the end-users and studying the existing documents to collect all possible information regarding the system if the project involves automating some existing procedures.

The main purpose of this activity is to replace the manual process of the user cash transaction. After the exact requirements are understood, the next step is to identify and resolve the various requirements problems. The most important requirement problems are the problems of anomalies, inconsistencies, and incompleteness

## Feasibility Study

The main objective of the feasibility study is to test Technical, Operational, and Economical extensibility for developing a computerized system. This is done by investigating and generating an idea about a new system. The feasibility study helps to obtain an overview of the problem and get a rough assessment of whether a feasible solution exists. There are three types of feasibility studies to understand whether the proposed system would be feasible if implemented.

They are as follows:

3.1.1. Technical Feasibility

3.1.2. Operational Feasibility

3.1.3. Economical Feasibility

### Technical Feasibility

Technical Feasibility will need to consider the possibilities of using machines available and the nature of hardware being used in the system. It's always better to select the best package that will be flexible with other programmers or outside developers and as possible for the user. We are using Windows. To develop this application, Windows is the feasible technology due to its strong desktop development Architecture.

### Operational Feasibility

The system is user-friendly, and it is accessible to the user, and much easier to operate because The interface of the system and screen display is quite clear. The system must operate in a proper cyclic frequency of transactions. There are navigation bars by which the users And administrator both can lead to system operations.

### FUTURE SCOPE

1. This project will help the storekeeper in fast billing.
2. This project enables the storekeeper to maintain a great database of all customers visited and purchase products from the store.
3. The project will enable to see report regarding product and category.
4. It is easy to maintain in prospects.

### CONCLUSION

Achievements expected through the project

- Comparing to the existing manual system, it performs at a faster pace.
- The system gives better feedback.
- Timely and accurate information is available.
- The system provides greater processing speed consistency.
- Chances of errors are much low.
- It provides high security the system, and hence an unauthorized user can be prevented time taken for the overall process is reduced.
- Forms are very user-friendly.
- Ease of operation.