

# Project Report

## **ATM MANAGEMENT SYSTEM**

Data Structures & Algorithms - LAB

**Project Link:**

<https://drive.google.com/drive/folders/1pE7p6giSoiUpVX-52Az1z2YE-BnCTlhf?usp=sharing>

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# Project Report

## Introduction & Objective:

ATM Machines is used by only those people who have a bank account and usually used for Cash Withdraw, Cash Deposit, Transfer balance, Balance Enquiry, Mini Statement.

The Objective is to make life easier as to easily manage your cash.

The code is written in C++ language.

## Project Description:

The Project contain the features below:

- Balance Enquiry
- Cash Deposit
- Cash Withdraw
- Mini Statement
- Transfer Balance

**The Welcome part:** Only Press <Enter> to Insert your Card! & 4-digit account pin.

```

WELCOME to DSA-ATM MACHINE

=====
*       ATM of DSA       *
=====

Press <Enter> to Insert your Card:

Enter your 4-digit Pin:
1234
```

# Project Report

**The Main Menu:** To Display the features that Atm contain

```
||||* WELCOME TO `DSA-ATM` *|||  
~~~~~  
1. For Balance Enquiry  
2. For Cash Withdraw  
3. For Cash Deposit  
4. For Mini Statement  
5. For Transfer balance  
6. Exit  
~~~~~  
Please ENTER YOUR CHOICE :
```

# Project Report

**Deposit Transcript:** After deposit some amount the transcript generate like this.

```
=====
MY BANK LIMITED
=====

Cash Deposit
*****

Date & Time: Sat Feb 19 23:06:09 2022

Your Card Number: 6740948824551711

Account Number: 8276142322

STAN Number: 768576

Transaction Amount: PKR 1000

Your Current Balance is: PKR 1000

=====
=====
```

**Withdraw Transcript:** After withdraw some amount the transcript generates like this.

```
=====
MY BANK LIMITED
=====

Cash Withdrawal
*****

Your Card Number: 9291359840763615

Account Number: 6209737260

STAN Number: 965754

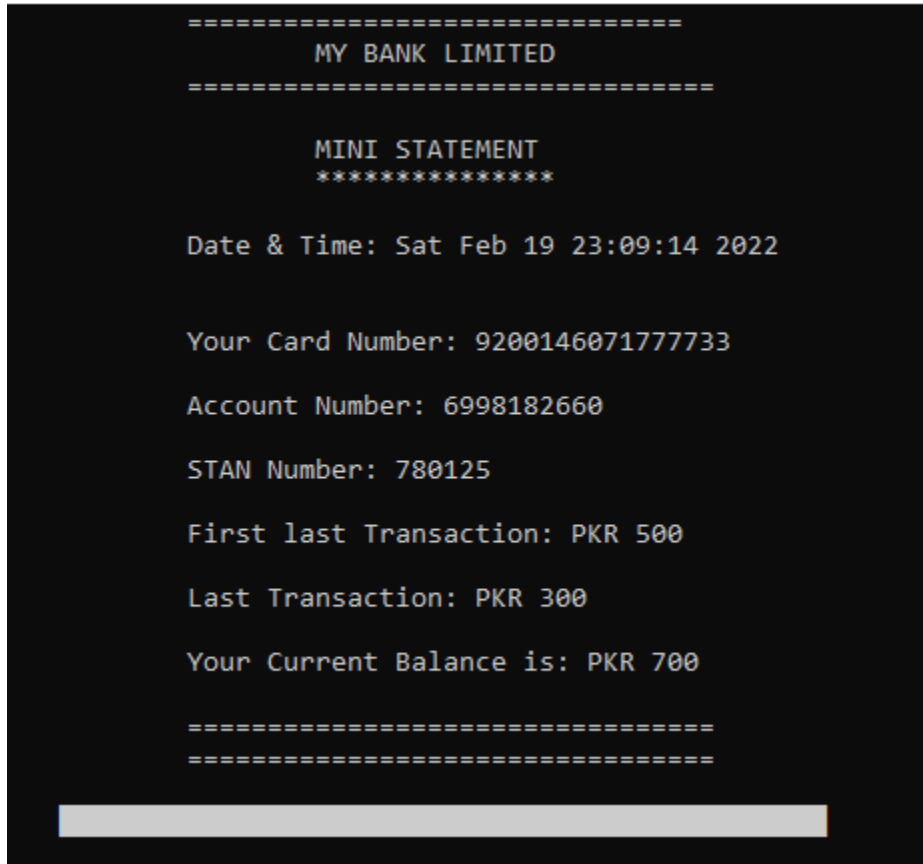
Transaction Amount: PKR 300

Your Current Balance is: PKR 700

=====
=====
```

# Project Report

**Mini Statement:** This is used to get the whole information about your account.



*THANK YOU!*

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