# Project - " A Simple Java Desktop Application on ATM System "

**Course No : CSE 2200**

**Course Title : Advance Programming Lab**

**Developed By**
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# Objectives

i. To Develop a Java Desktop Application

ii. To learn Database Management System

iii. To build a user-friendly Application

iv. To provide consumers to perform quick self-service transactions such as deposits, cash withdrawals, and transfers between accounts.
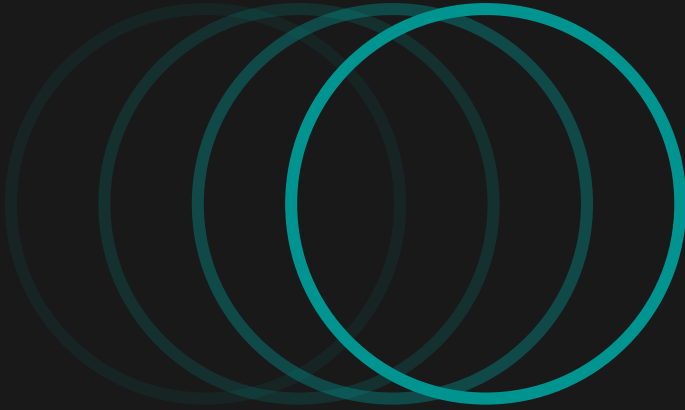
# Introduction

**Automated Teller Machine (ATM) is a specialized Computer technology that  allows us  to  complete bank  transactions without the need to see a bank representative.**

**So, we need  a well developed application to run this Machine.**

# Project Structure

## A
### Login page
- Registration
- Forgot password
- Verify Login

## B
### Main Menu
- Cash Withdraw
- Deposit
- Transfer Money
- Balance Inquiry
- Account details
- Change pin

## C
### Withdrawal
- Get Cash $

### Deposit
- Add Money to A/C Balance

### Transfer
- Within same bank

## D
### Forgot Password
- Verify Security Questions

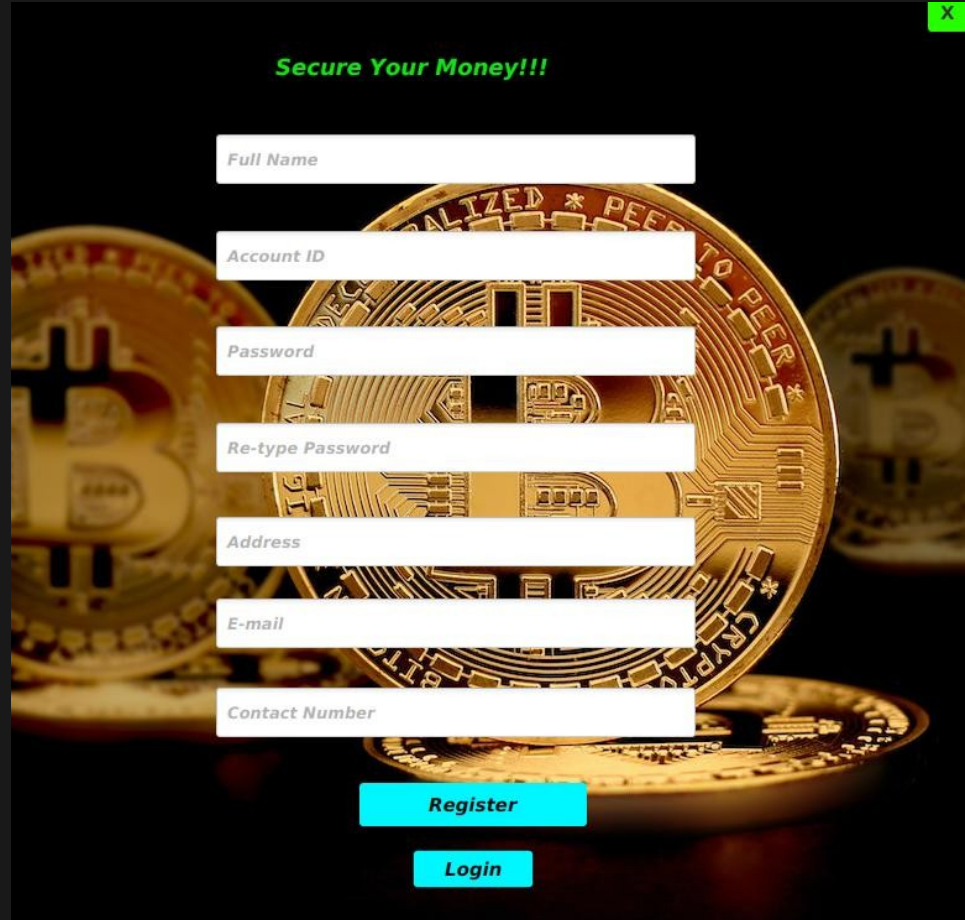**Exit Window**

**Verify Login**

**Create New Account**

**Regain lost password**

OUR PRIORITY IS YOUR SECURITY

Account ID — rian

Password — •••••

Exit

Enter

Create Account?

Forgot Password?

Welcome to ATM

VISA  MasterCard

**Create New Account**

**It will create 3 tables in database**

**For Handling . . .**

1. **Account Details**

2. **Account Balance**

3. **Recent Transaction**

# Main Menu

**Get Balance Info**

**Get Cash $**

**Account Information**

**Change Login Password**

**Balance Transfer to another Account**

**Recharge Balance**

**Recent Transaction Statement**

**Exit from Your Account**

Hi Md Raduan Islam Rian , Welcome to Fast & Secure ATM!

X

» Balance Inquiry

» Transfer

» Withdrawal

» Deposit

» Account Details

» Recent Transaction

» Change Password

Logout

Security
Fast Transfer

# Account Information

# Balance Inquiry





**Live time & current date**
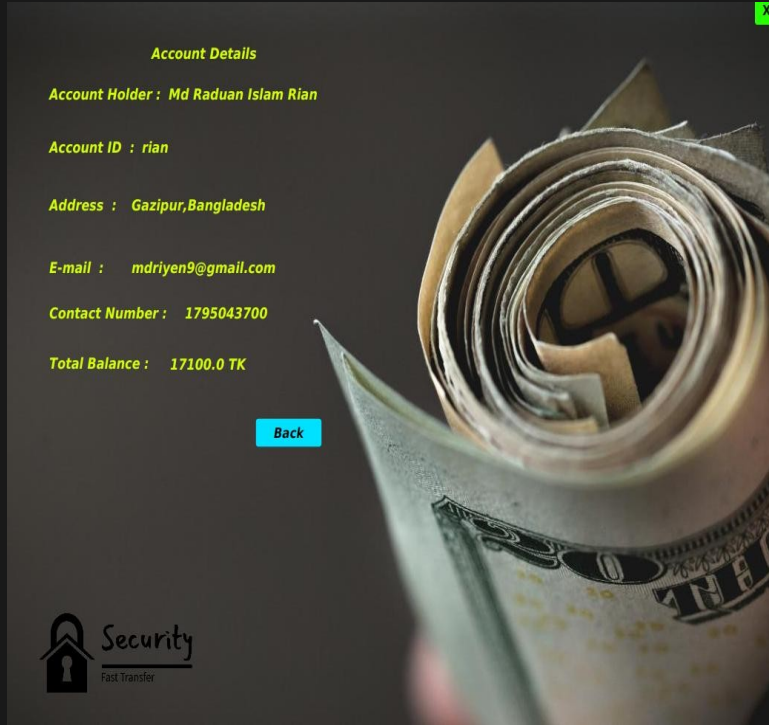
**User can access account details information**
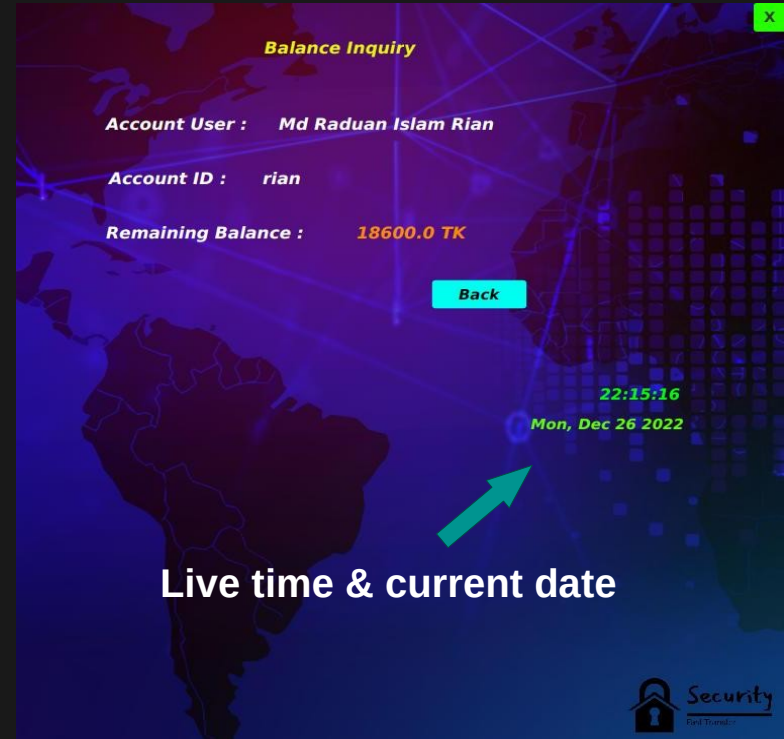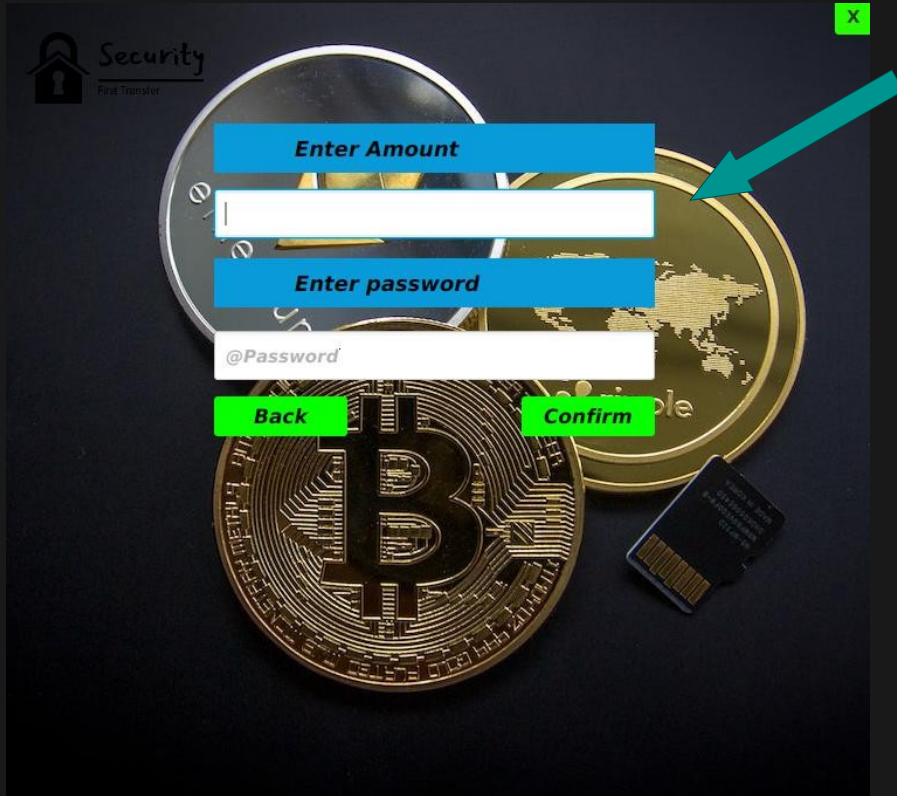
**This allows user to get update of Account Balance**

# Deposit Balance
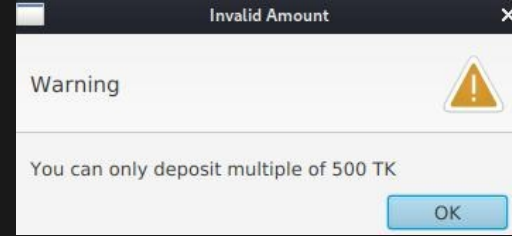


**User can deposit money greater than 500 tk and multiple of 500 tk**

# Reset Password
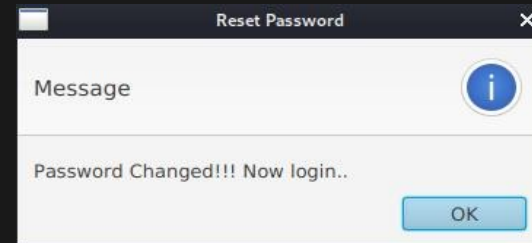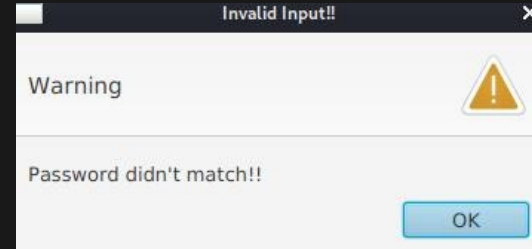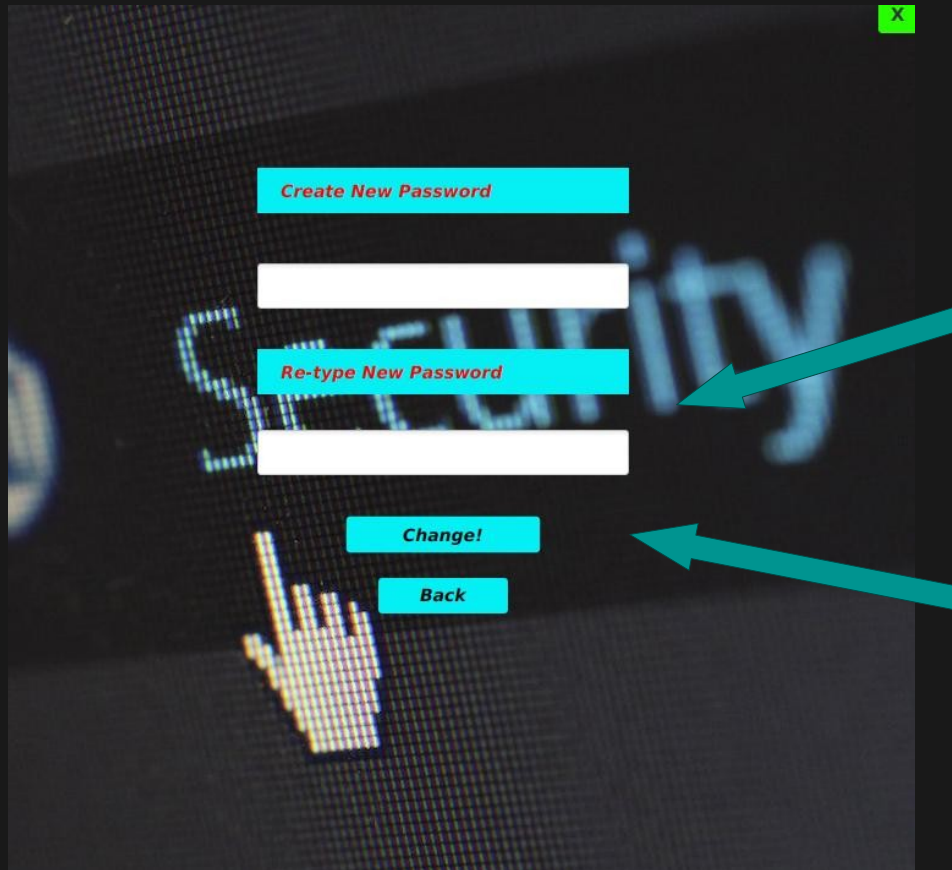


**Password changed successfully!!!**

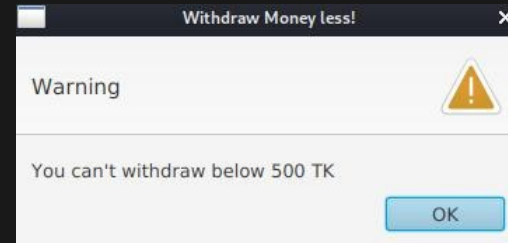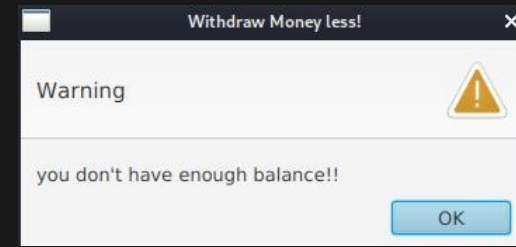**Withdraw Cash**

Withdraw Money less!

Warning

you don't have enough balance!!

OK
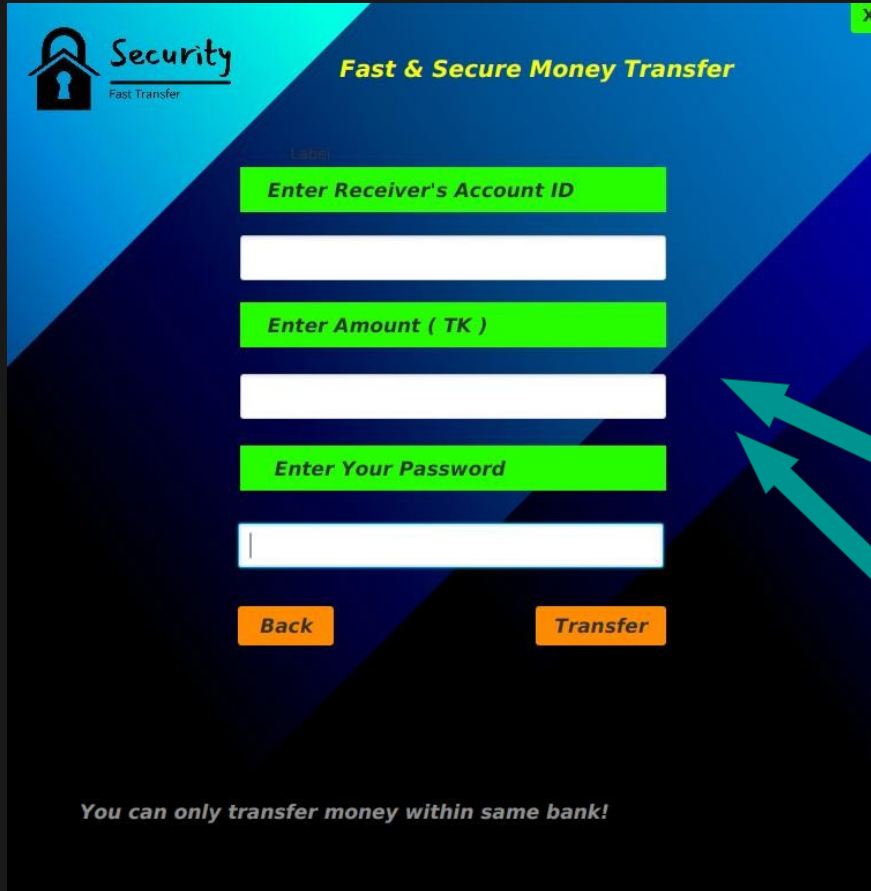
Withdraw Money less!

Warning

You can't withdraw below 500 TK

OK

**User can withdraw if there is enough Balance in that Account
And amount should be multiple of 500 tk**

# Transfer Balance

**User can transfer balance**
**> within same bank account**
**>If transfer money is available**
**>greater than 500 TK**
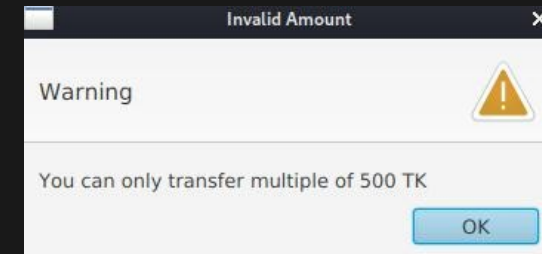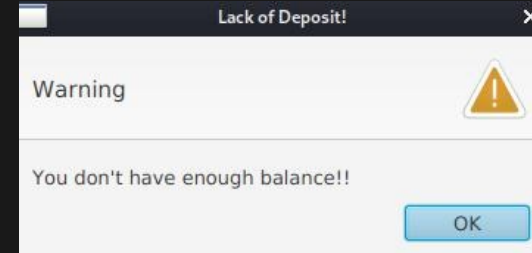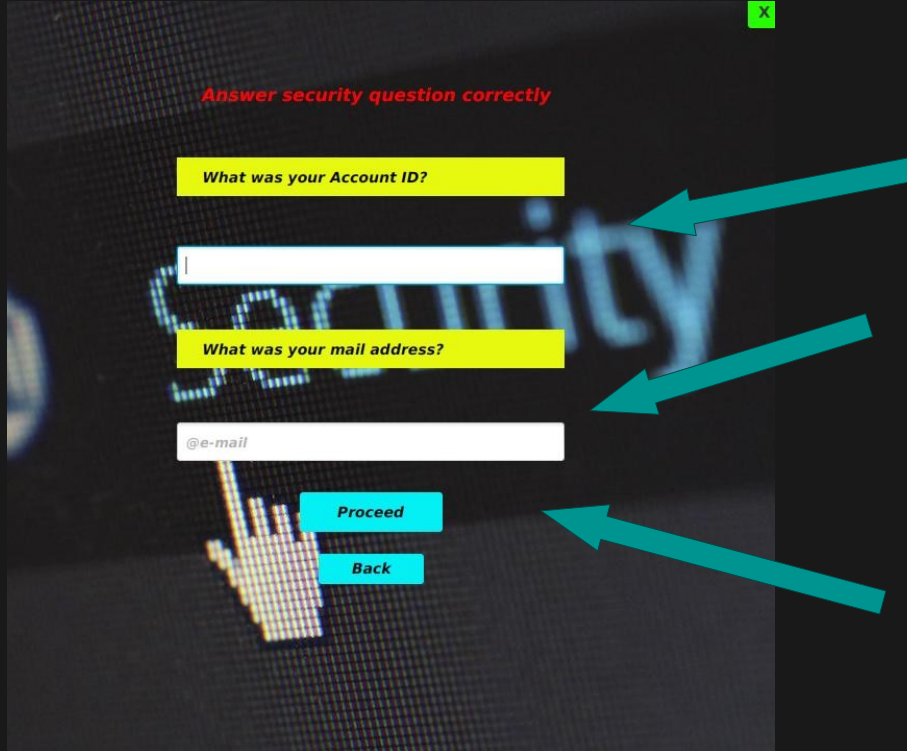
# Recent Transaction

Here user can see last 10 Transaction

It will be updated if

> Deposit Money
> Withdraw Balance
> Transfer Balance
> Receive Money

Transaction date with exact time

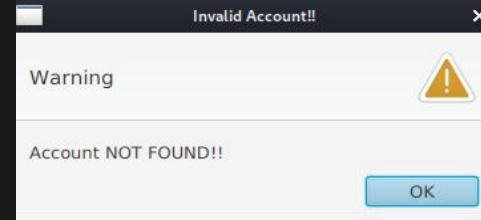# Security Questions
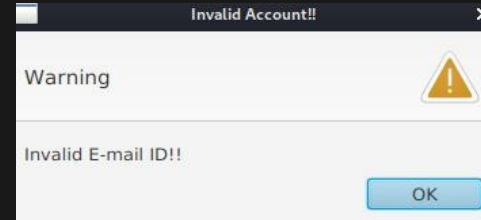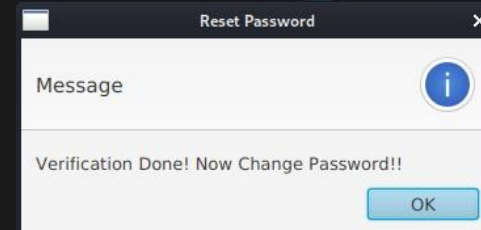
**After verifying security questions it will redirect to reset password page.**

# Conclusion
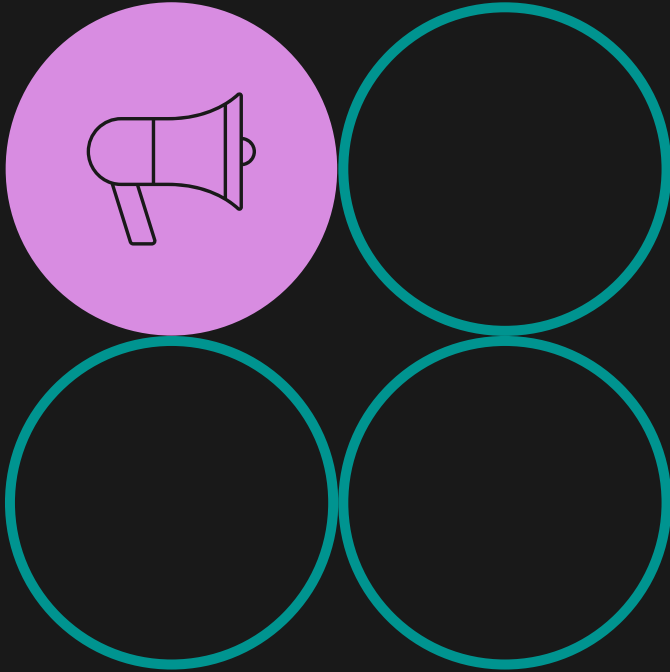
ATM gives the facility to access one's account 24/7 at multiple locations . It is easy to carry a slim card instead of cash. It saves people's time.

# Thank you all

**Special Thanks to honourable teachers,**

**Prottoy Saha ,**

**Assistant Professor**

**Dept. of CSE, KUET.**

**Sunanda Das ,**

**Assistant Professor**

**Dept. of CSE, KUET.**