"ATM Machine"

Contents:

Objective :

we can create an ATM program for representing ATM transection. In the ATM program, the user has to select an option from the options displayed on the screen. The options are related to withdraw the money, deposit the money, check the balance, and exit.

To withdraw the money, we simply get the withdrawal amount from the user and remove that amount from the total balance and print the successful message.

To deposit the money, we simply get the deposit amount from the user, add it to the total balance and print the successful message.

To check balance, we simply print the total balance of the user.

We use the exit(0) method to exit from the current Transaction mode and return the user to the home page or initial screen.

Key Features of the ATM Machine :

- The java program can Display the ATM Transaction.
- The user can deposit money from this ATM Machine project.
- The user can withdraw cash from this ATM Machine project.
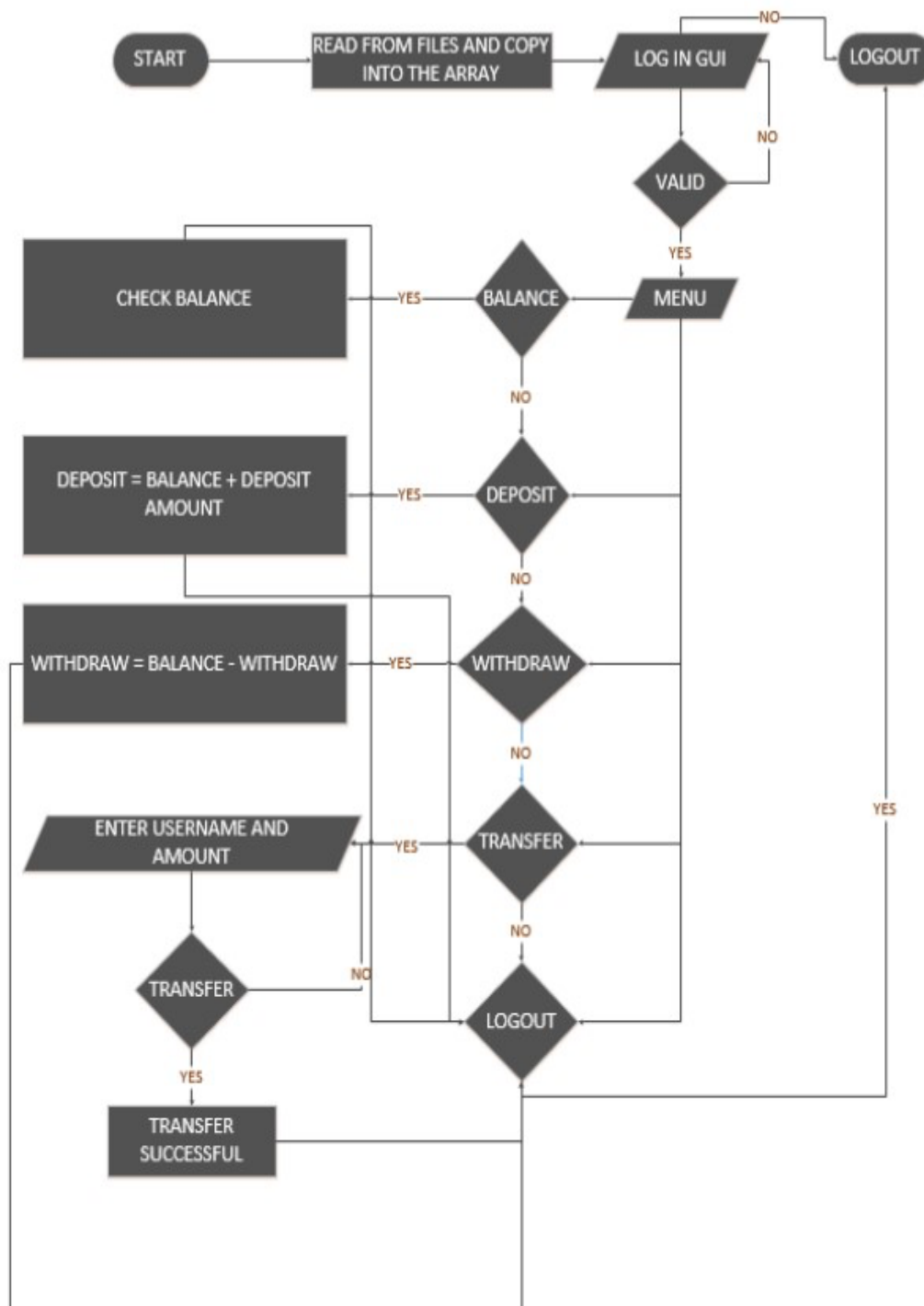- The user can check the bank account balance.

ATM users can deposit money to the bank by choosing the deposit option. The java program will simply get the deposit amount from the user and add the money to the user's account.

Users can withdraw money from their bank account through the program by selecting the withdrawal option. After a successful transaction, the ATM machine will deduct the amount from the central bank account.

The user can also check their existing bank account total balance using the checking account balance option.

Finally, the exit option will simply exit the user from the ATM machine program and return the user to the default main menu.

DATA FLOW DIAGRAM FOR ATM MACHINE :-

System Requirement specification:

Software Requirements:

Operating System : windows 10

Coding language : JAVA

Interface: VScode

Hardware Requirements:

Personal computer with keyboard and mouse maintained with uninterrupted power supply.

Processor : Intel® core™ i5

Installed Memory (RAM)8.00 GB

Hard Disc : 512 GB SSD

Conclusion :

- **From this project, one can observe that an ATM system is associated with the bank transactions of the consumers.**

- **Majorly, the ATM system is utilized for the money associated transactions from the consumers. Consumers make major use of ATM to withdraw money from their bank account.**

- **It is a fast way to get money out of your account, especially when on the go or during a trip.**