PROJECT REPORT ON

ATM SIMULATOR

UNDER GUIDANCE OF EDUONIX LEARNING SOLUTIONS

SUBMITTED BY : AKASH PATIL

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INSTITUTE BATCH : DS AUGUST 23

AIM & OBJECTIVE :

The aim of the code is to create a simple command-line ATM (Automated Teller Machine) simulation program. This program allows users to perform the following actions:

1. Check Balance: Users can check their account balance.

2. Withdraw Amount: Users can withdraw money from their account, provided they have sufficient funds.

3. Deposit: Users can deposit money into their account.

4. Exit: Users can exit the program.

SOFTWARES USED :

Anaconda Navigator : It is a graphical user interface (GUI) for managing software packages and environments which is a distribution of Python for scientific computing and data science.

Jupyter Notebook : Popularly used for python.It allows you to create and run code cells interactively. It's excellent for data analysis, data visualization, and creating data science reports with a mix of code, text, and visualizations.

Python language : It offers a clear and concise syntax, which makes it easy to write and maintain scripts.

Python provides a wide range of libraries and modules that simplify various scripting tasks, from working with files and data to interacting with web services and databases.

WORKING:

It begins by initializing the account balance and a correct PIN.

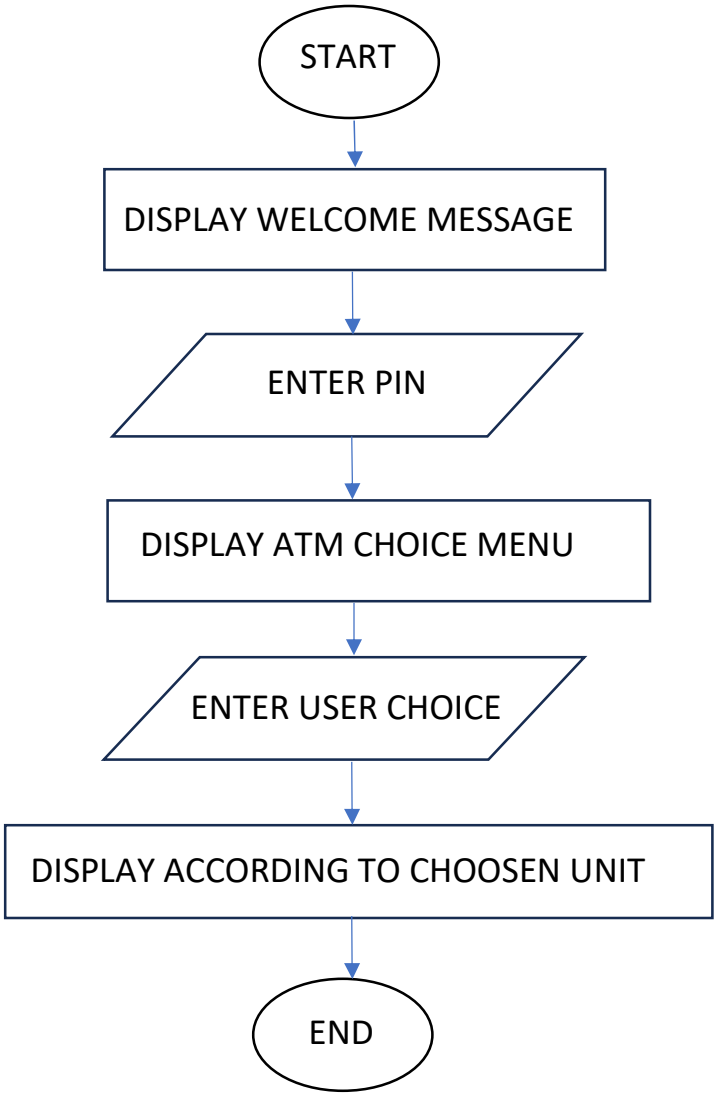
It prompts the user to enter a 4-digit PIN.

If the entered PIN matches the correct PIN, it displays an ATM menu with options.

Depending on the option selected by the user, the program allows the user to check their balance, withdraw funds, deposit funds, or exit the program.

If the user enters an incorrect PIN, the program informs the user and exits

FLOWCHART :



CONCLUSION :

In summary, this code is a basic simulation of an ATM machine, allowing users to perform common banking transactions such as checking their balance, withdrawing funds, and depositing funds, all accessed through a simple command-line interface.