

Project Question: Bank Management System using Python (Console-Based Application)

Design and implement a Bank Management System using Python and Object-Oriented Programming (OOP) concepts.

The system should allow users to:

1. Create a new bank account by entering a unique username and password.
2. Log in using their username and password.
3. After successful login, the user should be able to:
 - Deposit money into their account.
 - Withdraw money from their account (only if sufficient balance is available).
 - Check current account balance.
 - View a mini statement showing their username and current balance.
 - Log out and return to the main menu.
4. The system should also allow the user to exit the application from the main menu.

Your solution must include:

- A class named Account that handles individual user operations (deposit, withdraw, check balance, mini statement).

- A class named BankManagement that handles account creation, login, and interaction between the user and the system.
- A menu-driven interface that runs in the Python console and allows continuous interaction until the user chooses to exit.

Use appropriate methods, input/output statements, and validations such as checking for existing usernames, incorrect passwords, and insufficient balance

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