**Open Source Software Development Project**

**Banking Management System**



Project Advisor

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Presented by:

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**Objective:**

To design a basic menu-driven CLI interface for a banking system using Python. This task focuses only on displaying banking options and handling user interaction through basic loops and conditionals.

**Task Description:**

Create a menu-driven interface using `while loop` and `if-else`.

Display options such as:

- Create Account

- View Balance

- Deposit Money

- Withdraw Money

- Transfer Money

- View Last 5 Transactions

- View Full Payment History

- Exit

Only display the options; the actual functionality is not required at this stage.

Use functions to keep code modular and readable.

**Code:**

# Function to display the main menu options

def show\_menu():

print("\n--- Simple Bank Menu ---")

print("1. Create Account")

print("2. View Balance")

print("3. Deposit Money")

print("4. Withdraw Money")

print("5. Transfer Money")

print("6. View Last 5 Transactions")

print("7. View Full Payment History")

print("8. Exit")

# Infinite loop to keep showing the menu until user chooses to exit

while True:

show\_menu() # Display the menu options

choice = input("Choose an option (1-8): ") # Get user input

# Based on user input, display the appropriate message

if choice == '1':

print("-> Create Account selected.")

elif choice == '2':

print("-> View Balance selected.")

elif choice == '3':

print("-> Deposit Money selected.")

elif choice == '4':

print("-> Withdraw Money selected.")

elif choice == '5':

print("-> Transfer Money selected.")

elif choice == '6':

print("-> View Last 5 Transactions selected.")

elif choice == '7':

print("-> View Full Payment History selected.")

elif choice == '8':

print("Exiting... Goodbye!") # Exit message

break # Exit the loop and end the program

else:

print("Invalid option. Please try again.") # Handle invalid input