Analysis:

Inputs: user, password, account selection or exit, deposit amount

Outputs: customer name, account selection, deposit amount, account totals

Processes: validate user credentials, use input to make decisions after testing input for errors, perform the decided upon calculations, display results to user

Pseudocode:

1)Declare variables: customer name, user name, password, action flags, account names (savings and checking), account balances (savings and checking), total balance

2)Welcome customer to ATM and prompt for user information or exit in loop

3)Read in user name and password

4)Test that user name and password match

5)Prompt to select account type or exit action wrapped in loop

6)Prompt to select account action or exit

7)Perform selected action to selected account

8)Display the results to customer

9)Repeat until customer is done

10)Display final results and exit program

Flowchart:

Diagram

Description automatically generated