Activity No. <n>	
<Replace with Title>	
Course Code: CPE010	**Program:** Computer Engineering
Course Title: Data Structures and Algorithms	**Date Performed:08/28/25**
Section:CPE11S1	**Date Submitted:08/29/25**
Name(s):NIELES, CENNDY M.	**Instructor: ENG. JIMLORD QUEJADO**

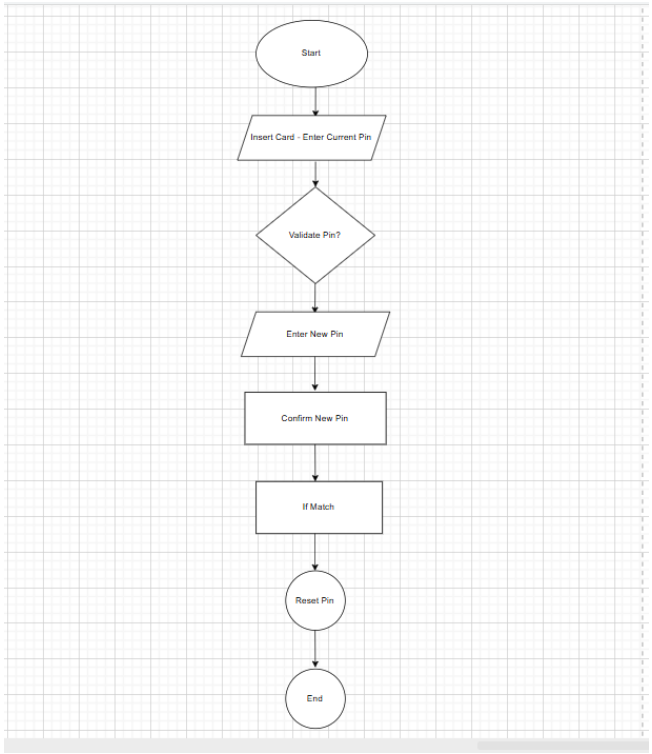
6. Output

CHANGING PIN

PSEUDOCODE

```
START

INPUT old_pin
If old_pin==correct_oin THEN
INPUT new_pin
If old_pin == confirm_new_pin THEN
    INPUT new_pin
    INPUT confirm_new_pin
If new_pin == confirm_new_pin
 UPDATE pin With new_pin
OUTPUT “PIN changed successfully”
ELSE
   OUTPUT “PINs do  not match”
   ENDIF
ELSE
    OUTPUT “Incorrect PIN”
 ENDIF
END
```

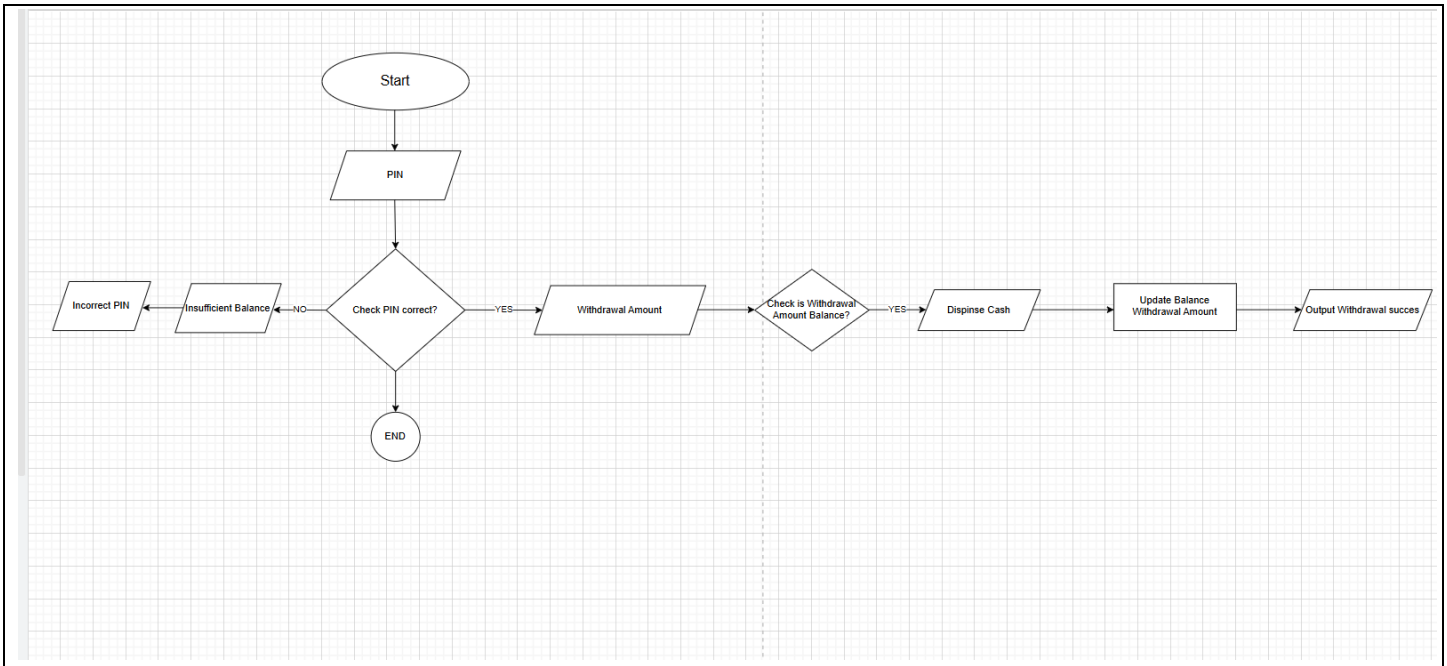


WITHDRAWAL

PSEUDOCODE

START

INPUT pin
If pin==correct_pin THEN
INPUT recipient_account_number
INPUT transfer_amount
IF transfer_amount <= available_balance THEN
UPDATE second_balance WITH sender_baalnce_transfer_amount
UPDATEK recipient_balance WITH sender_balance+transfer_amount
OUTPUT “Transfer Successful”
ELSE
OUTPUT “Insufficient balance”
ENDIF
OUTPUT “Incorrect PIN”
ENDIF
END



DEPOSIT

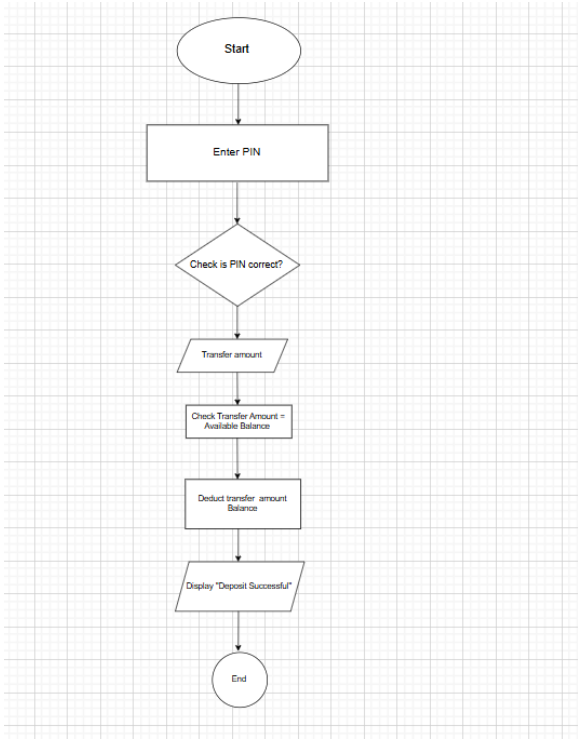
PSEUDOCODE

START

INPUT pin
If pin == correct_pin THEN
INPUT deposit_amount
UPDATE balance WITH balance + deposite_amount
OUTPUT “Deposit successful”
ELSE

OUTPUT”Incorrect PIN”
ENDIF

END



FUND TRANSFER

PSEUDOCODE

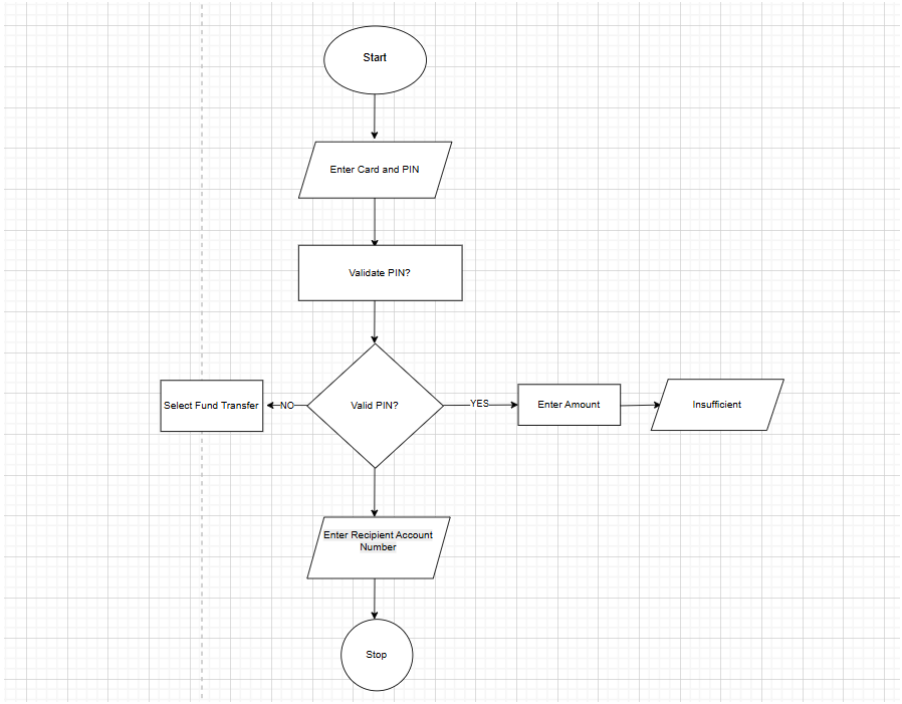
START
INPUT pin

If pin correct THEN
INPUT fund_transfer
UPDATE recipientAccount
INPUT transfer_Amount
If balance < transferAmount THEN
INPUT “Insufficient Balance”

ELSE
balance WITH balance = transferAmount = recipientBalance + tranceferAmount

INPUT “Transfer Successful”
OUTPUT “Transaction Recipient”
ENDIF

END



7. Supplementary Activity

8. Conclusion: My conclusion is this flowchart it's a challenging but its ok because I learned even its take a long time to do its but I already do I'm willing to learned and to give my time to learned and to do this activity because its needed and for the future too.

9. Assessment Rubric