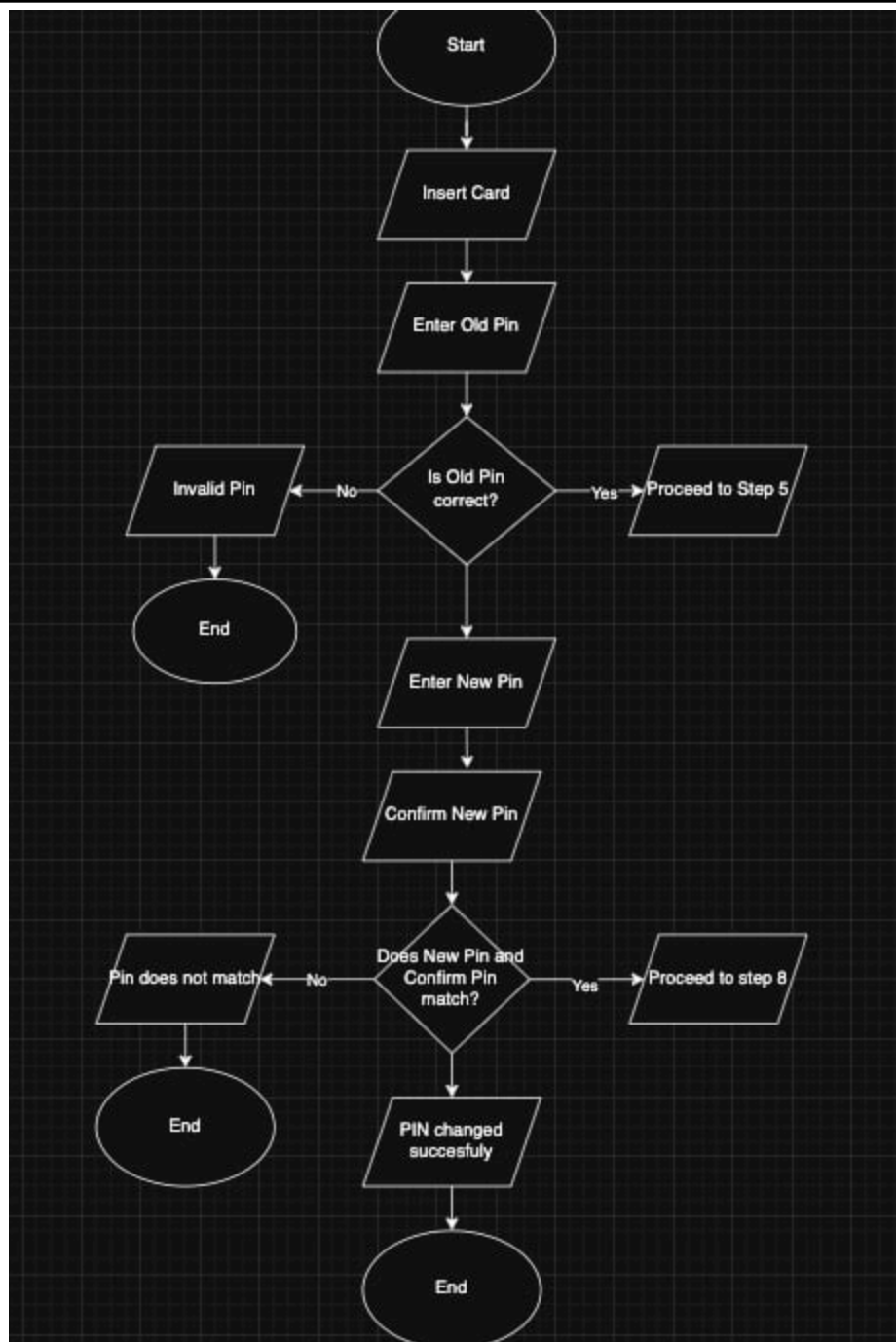


Assignment 1.1	
Flowchart and Application of Pseudo Codes	
Course Code: CPE010	Program: Computer Engineering
Course Title: Data Structures and Algorithms	Date Performed: 8/12/2025
Section: 11S1	Date Submitted: 8/12/2025
Name(s): Marqui Joshua Cenar	Instructor: Engr. Jimlord M. Quejado
6. Output	
<p>Changing pin</p> <p>Start</p> <p> Insert Card</p> <p> Enter Old Pin</p> <p> Is Old Pin correct?</p> <p> If No > Show "Invalid PIN"</p> <p> End</p> <p> If Yes > Enter New PIN</p> <p> Confirm New PIN</p> <p> Does New PIN and Confirm PIN match?</p> <p> If No > Display "PIN does not match"</p> <p> End</p> <p> If Yes > Update PIN</p> <p> Display "PIN changed successfully"</p> <p> End</p>	



Withdraw

Start

Insert Card

Enter PIN

Is PIN correct?

If No > Show "Invalid PIN"

End

If Yes > Choose type of transaction

Select "Withdraw"

Enter amount

Is the amount greater than balance?

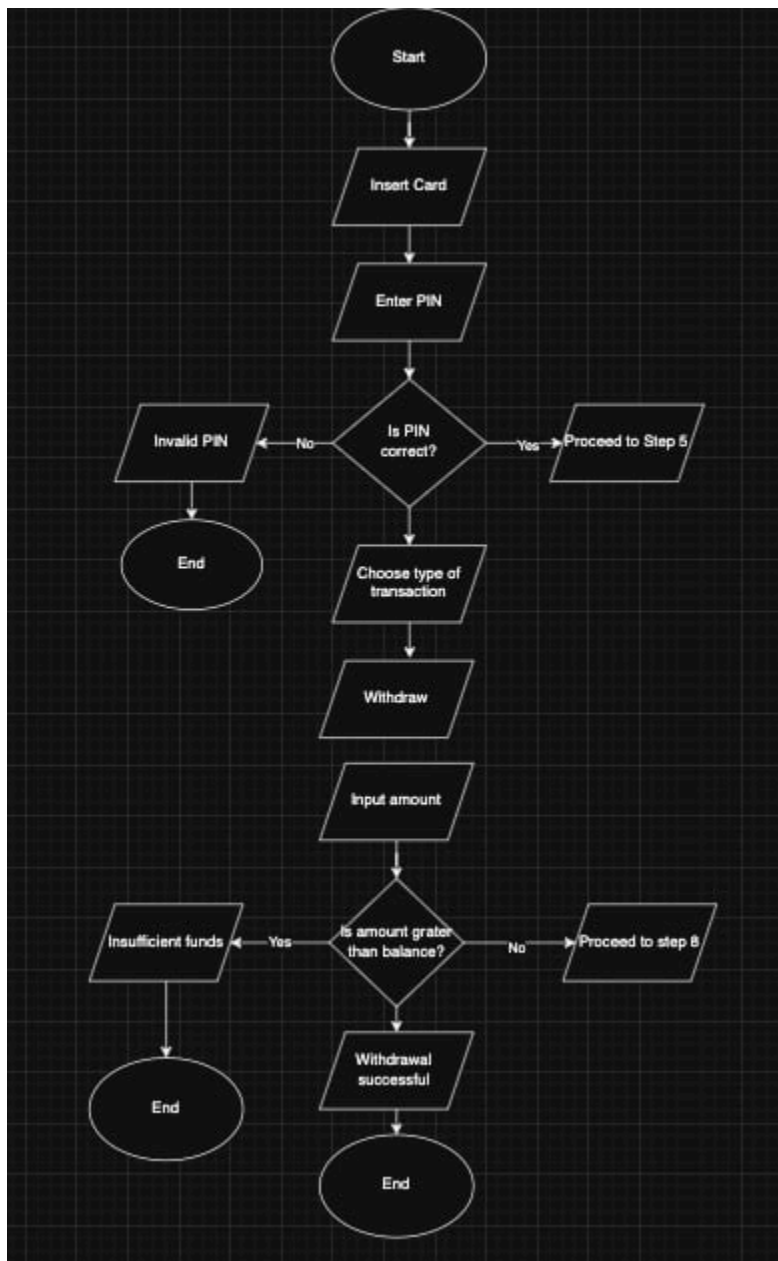
If Yes > Show "Insufficient Balance"

End

If No > Deduct amount from balance

Display "Withdrawal successful"

End



Deposit

Start

Insert Card

Enter PIN

Is PIN correct?

If No > Show "Invalid PIN"

End

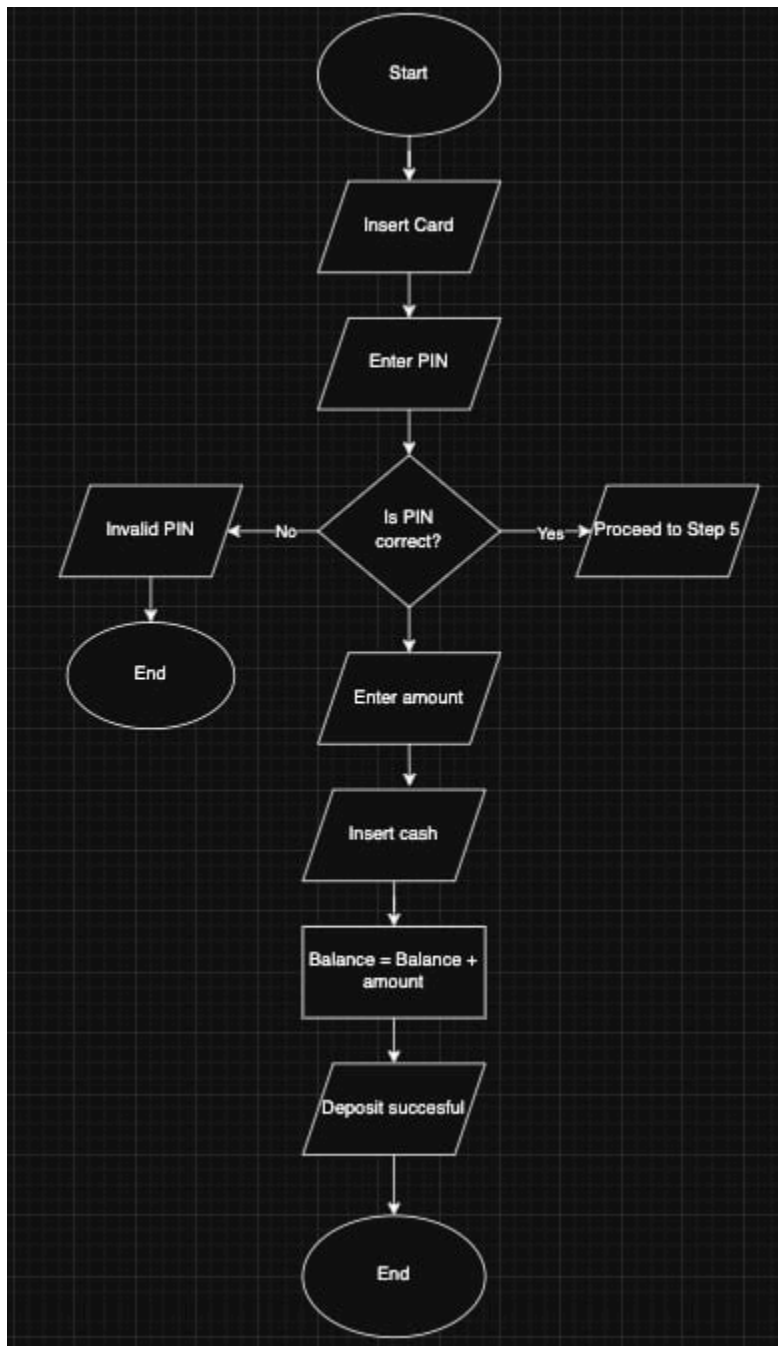
If Yes > Enter amount

Insert Cash

Balance = Balance + amount

Display "Deposit successful"

End



Fund Transfer

Start

Insert Card

Enter PIN

Is PIN correct?

If No > Show "Invalid PIN"

End

If Yes > Enter recipient account

Enter amount

Is the amount greater than balance?

If Yes > Show "Insufficient Balance"

End

If No > Balance = balance - amount

Recipient Balance = Recipient Balance + Amount

Display "Transfer successful"

End



7. Supplementary Activity

8. Conclusion

Getting used to doing pseudo codes and flowcharts this way, doing the pseudo codes first makes it easier and efficient to make flowcharts.

9. Assessment Rubric

Total Points: 24