SET 1

START

Data collection

MUHAMMAD AFIQ DANIAL BIN ROZAIDIE

A23CS0117

Data Cleaning

Has a target?

No

Yes

A

Feature Extraction

Feature Classification

Split data

Train Dataset with 20%

Test Dataset with 80%

Machine Learning Language → Prediction Model → Grade Point Average

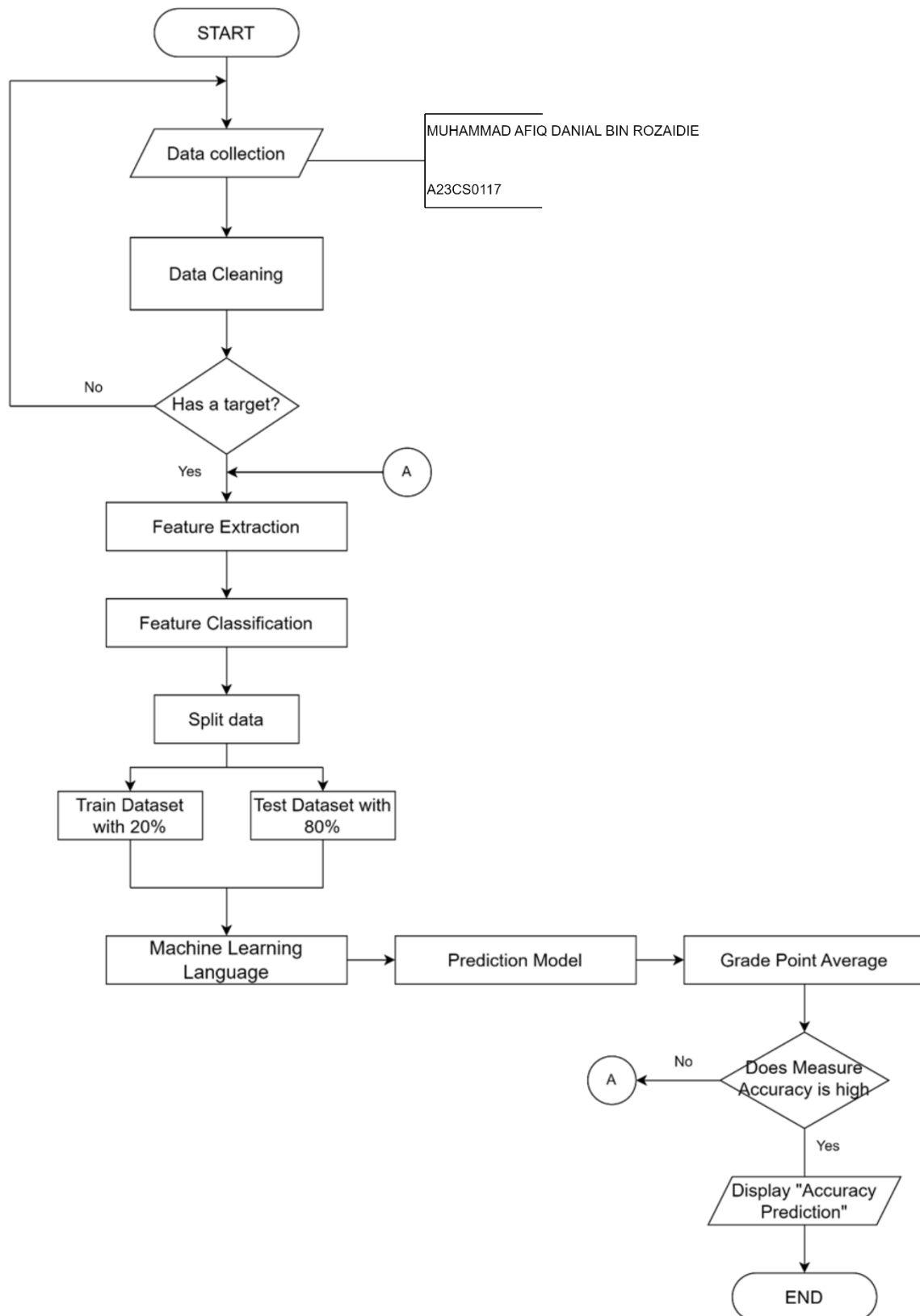Does Measure Accuracy is high

No → A

Yes

Display "Accuracy Prediction"

END

SET 2

1. Start
2. deposit = 0.10 // MUHAMMAD AFIQ DANIAL BIN ROZAIDIE A23CS0117
3. Get the name, duration, package, customer_Type
4. if customer_Type = Regular
   4.1 discount = 0.10
5. else
   5.1 discount = 0
6. End if
7. if package = 1
   7.1 price = 150
8. else
   8.1 price = 250
9. End if
10. price = rental * duration
11. deposit_Payment = deposit * price
12. total_Discount = discount * price
13. balance = price – total_Discount
14. Display name, deposit_Payment, total_Discount, balance
15. End

SET 3

1. Start
2. product = 1 // MUHAMMAD AFIQ DANIAL BIN ROZAIDIE A23CS0117
3. Enter num
4. while (num != 0)
      4.1 product = product * num
      4.2 enter num
5. end while
6. if (product % 4 = 0 && product % 5 = 0 && product % 7 = 0)
      6.1 display product, "is multiple of 4, 5 and 7"
7. else if (product % 4 = 0 && product % 5 = 0)
      7.1 display product, "is multiple of 4 and 5"
8. else if (product % 4 = 0 && product % 7 = 0)
      8.1 display product, "is multiple of 4 and 7"
9. else if (product % 5 = 0 && product % 7 = 0)
      9.1 display product, "is multiple of 5 and 7"
10. else if (product % 4 = 0)
      10.1 display product, "is multiple of 4"
11. else if (product % 5 = 0)
      11.1 display product, "is multiple of 5"
12. else if (product % 7 = 0)
      12.1 display product, "is multiple of 7"
13. end if
14. Stop

SET 4

Start

num =1, product = 1

MUHAMMAD AFIQ DANIAL BIN ROZAIDIE
A23CS0117

product = product * num

Enter num

num != 0 — True

False

product % 2=0 && product % 3=0 && product % 5=0 — True → Print product, "is an even number and multiple of 3 and 5"

False

product % 2!=0 && product % 3=0 && product % 5=0 — True → Print product, "is an odd number and multiple of 3 and 5"

False

product % 2=0 && product % 3=0 — True → Print product, "is an even number and multiple of 3"

False

product % 2!=0 && product % 3=0 — True → Print product, "is an odd number and multiple of 3"

False

A

A

product % 2=0 && product % 5=0 — True → Print product, "is an even number and multiple of 5"

False

product % 2!=0 && product % 5=0 — True → Print product, "is an odd number and multiple of 5"

False

product % 2=0 — True → Print product, "is an even number"

False

product % 2!=0 — True → Print product, "is an even number"

False

B

B

End

4