

CRITERION B: DESIGN

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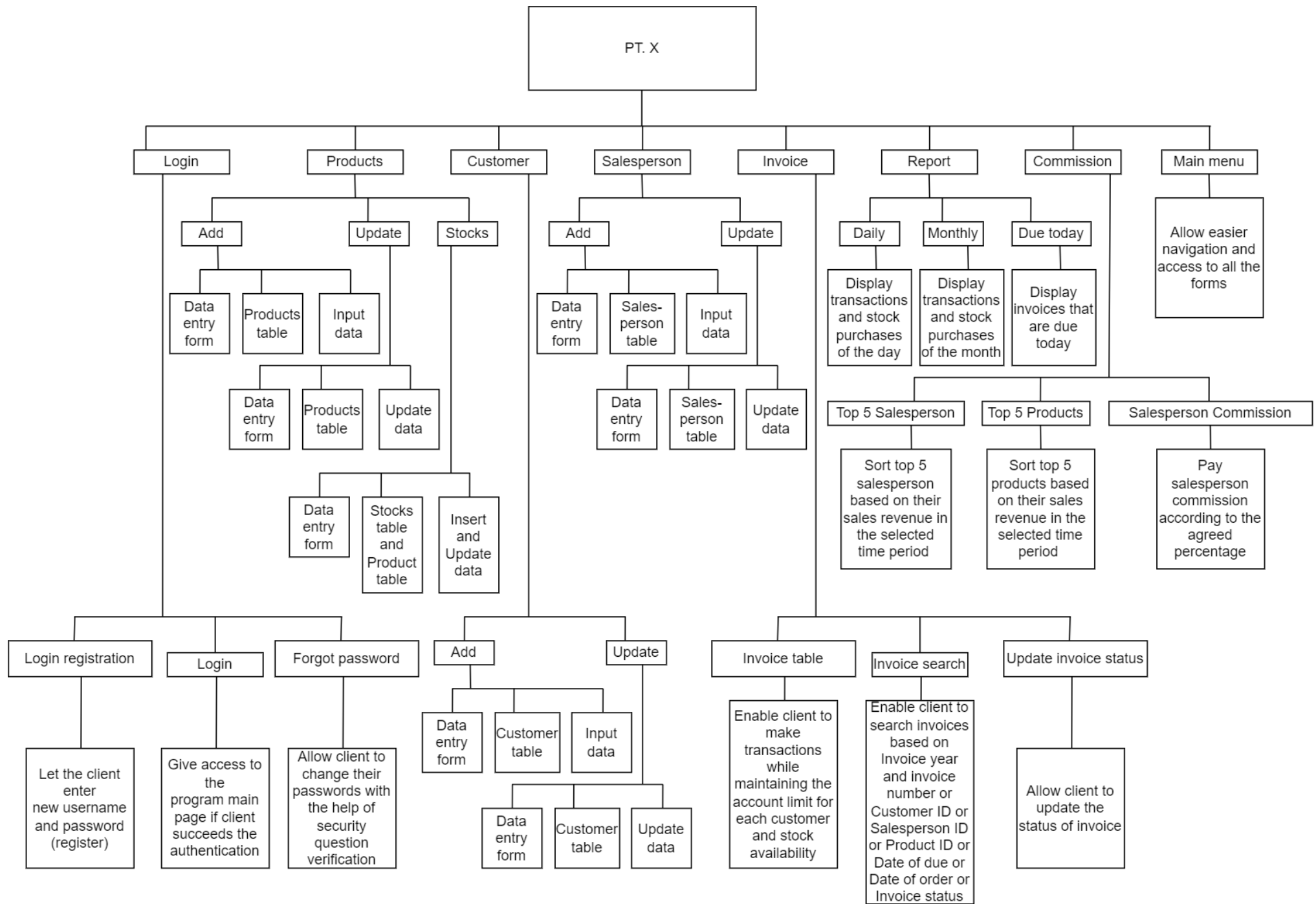
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Top-down diagram



Module Description

1. Login

Users will use this to authenticate themselves by entering the username and password before accessing the program. This will help in the security aspect and prevent privacy issues.

2. Product page

This page consists of 3 sections; add products, update products, and stocks which allow users to insert, update and delete products details as well as update product stocks and insert stock/purchase details respectively.

3. Customers page

This page consists of 2 sections; add customers and update customers which allow users to insert, update and delete customers details.

4. Salesperson page

This page consists of 2 sections; add customers and update customers which allow users to insert, update and delete customers details.

5. Invoice page

This page consists of 3 sections; invoice table, invoice search, and change invoice status which allow users to create transactions while maintaining the product stocks and customers' account limit, search invoices according to the filters criteria, also update invoice status -paid or not paid by the customers.

6. Report

This page consists of 3 sections; daily report, monthly report, and invoices due today to assist the tracking of transactions and stock purchases of the said criteria/section.

7. Commission

This page consists of 3 sections; top 5 salesperson, top 5 products, and salesperson commission which allow users to track the top 5 salesperson and top 5 products based on their sales revenue in the selected time period, also keep track of each salesperson commission to avoid double commission or paying twice.

8. Main menu

The main menu consists of a main menu icon which redirects to the main menu (this icon is also available in all the pages) and buttons that redirect users to all the pages they could work on which is divided into: products, customers, salesperson, invoice, report, and commission.

Input and Output Design

1. Login

Login Page

Welcome to PT. X

Username

Password

Login

Cancel

Login registration

Forgot password?

2. Login registration

LOGIN REGISTRATION PAGE

Username:

Password:

Re-enter password:

security question: What is the sum of your birthdate (dd+mm+yy)?

Answer

Save

Cancel

3. Forgot password

Back

enter your username

Submit

Security questions what is the sum of your birthday (yy+mm+dd)?

Enter your answer

submit

enter new password

confirm new password

Save

4. Add products

Main Menu

Hello, welcome admin!

Add Products

Update Products

Stocks

ADD PRODUCTS

Product ID

Product name

Core size

-

▼

Length

-

▼

Price

Discounts (%)

Save

Cancel

5. Update products

Main Menu

Hello, welcome admin!

Add Products

Update Products

Stocks

UPDATE PRODUCTS

Product name

Jtape

Core size

25 mm ▾

Length

21 m ▾

Price

15000

Discounts

0

Update

Cancel

Delete record

6. Stocks

Main menu

Welcome admin!

Products

Product name

Jtape

Date of purchase

March 2023						
≤						≥
Sun	Mon	Tue	Wed	Thu	Fri	Sat
<u>26</u>	<u>27</u>	<u>28</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>
<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>
<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>	<u>25</u>
<u>26</u>	<u>27</u>	<u>28</u>	<u>29</u>	<u>30</u>	<u>31</u>	<u>1</u>
<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>

Purchase price

Purchase quantity

Total purchase

Calculate

Save

Cancel

7. Add customer

Main menu

Hello, welcome admin !

Add Customer

Update Customer Status

ADD CUSTOMER

Customer ID

Name

Gender ☐ Male ☐ Female

Contact number 1

Contact number 2

Area ▼

Address

ACC limit

Save

Cancel

8. Update customer

Main menu

Hello, welcome admin !

Add Customer

Update Customer Status

UPDATE CUSTOMER STATUS

Customer ID

1

Search

Name

Grace

Gender

☐ Male ☒ Female

Contact number 1

08797162

Contact number 2

09832112

Area

Cengkareng ▾

Address

kilimanjo

ACC limit

100000

Update

Cancel

Delete record

9. Add salesperson

Main menu

Welcome admin!

Add Salesperson

Update Salesperson

ADD SALESPERSON

Salesperson ID

Name

Gender ☐ Male ☐ Female

Contact number 1

Contact number 2

Address

Customer Area

Save

Cancel

10. Update salesperson

Main menu

Welcome admin!

Add Salesperson

Update Salesperson

UPDATE SALESPERSON

Salesperson ID

Name

Gender ☐ Male ☒ Female

Contact number 1

Contact number 2

Address

Customer Area

11.Invoice table

Date 3/20/2023
Invoice no 2023-19
Date of due 4/19/2023

Main menuInvoice

Welcome, Admin!

CustomerID

Search

Customer name

Salesperson ID

1▼

Product ID

Search

Quantity

Calculate

Salesperson name

Product name

Total before discount

Core size

Total after discount

Add products

Length

Price

Discount (%)

Grand total: 0

Invoice status:

-▼

Finish

12. Invoice Search

Main menuInvoice

Hello, Welcome admin!

Date of order

March 2023						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
<u>26</u>	<u>27</u>	<u>28</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>
<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>
<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>	<u>25</u>
<u>26</u>	<u>27</u>	<u>28</u>	<u>29</u>	<u>30</u>	<u>31</u>	<u>1</u>
<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>

Filter

Date of due

March 2023						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
<u>26</u>	<u>27</u>	<u>28</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>
<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>
<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>	<u>25</u>
<u>26</u>	<u>27</u>	<u>28</u>	<u>29</u>	<u>30</u>	<u>31</u>	<u>1</u>
<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>

Filter

Invoice status

▼

Filter

Salesperson

Filter

Customer

Filter

Product

Filter

Invoice year

Invoice number

Filter

Done

13. Update Invoice Status

Main menuInvoice

Hello, Welcome admin!

Invoice year

Invoice no.

Invoice status

Search

▼

Update

14. Report

Main menu

3/3/2023

Hello, Welcome admin!

Transaction tracking

Daily report

Monthly report

Invoices due today

Daily Transactions

Dateoforder	Invyear	Invoicenumber	ProductID	Quantity	Price	Discount	Total	Status
3/3/2023 12:00:00 AM	2023	2	3	5	15000	0	75000	Paid
3/3/2023 12:00:00 AM	2023	3	1	8	10000	0	80000	Paid
3/3/2023 12:00:00 AM	2023	4	2	4	12000	1	47520	Paid
3/3/2023 12:00:00 AM	2023	4	3	1	15000	0	15000	Paid
3/3/2023 12:00:00 AM	2023	4	1	2	10000	0	20000	Paid
3/3/2023 12:00:00 AM	2023	5	3	5	15000	0	75000	Paid
3/3/2023 12:00:00 AM	2023	6	2	5	12000	1	59400	Paid
3/3/2023 12:00:00 AM	2023	7	3	5	15000	0	75000	Paid

Daily Stock Purchases

Dateofpurchase	ProductID	Purchaseprice	Purchaseqty	Totalpurchase
3/3/2023 12:00:00 AM	3	5000	200	1000000

15. Top 5 Salesperson

Main menu

Hello Welcome admin!

Top 5 Salespersons

Top 5 Products

Salesperson Commission

Top 5 Salesperson

From:

To:

≤		March 2023						≥					
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
<u>26</u>	<u>27</u>	<u>28</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>26</u>	<u>27</u>	<u>28</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>
<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>
<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>	<u>25</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>	<u>25</u>
<u>26</u>	<u>27</u>	<u>28</u>	<u>29</u>	<u>30</u>	<u>31</u>	<u>1</u>	<u>26</u>	<u>27</u>	<u>28</u>	<u>29</u>	<u>30</u>	<u>31</u>	<u>1</u>
<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>

OK

Salesperson name

Revenue

16.Top 5 products

Main menu

Hello Welcome admin!

Top 5 Salespersons

Top 5 Products

Salesperson Commission

Top 5 Products

From:

≤	March 2023						≥
Sun	Mon	Tue	Wed	Thu	Fri	Sat	
<u>26</u>	<u>27</u>	<u>28</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	
<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	
<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	
<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>	<u>25</u>	
<u>26</u>	<u>27</u>	<u>28</u>	<u>29</u>	<u>30</u>	<u>31</u>	<u>1</u>	
<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	

To:

≤	March 2023						≥
Sun	Mon	Tue	Wed	Thu	Fri	Sat	
<u>26</u>	<u>27</u>	<u>28</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	
<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	
<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	
<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>	<u>25</u>	
<u>26</u>	<u>27</u>	<u>28</u>	<u>29</u>	<u>30</u>	<u>31</u>	<u>1</u>	
<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	

OK

Product name

Revenue

17.Salesperson Commission

Main menu

Hello Welcome admin!

Top 5 Salespersons

Top 5 Products

Salesperson Commission

Salesperson Commission

Salesperson ID: 1 ▾ Search

Salesperson name:

Revenue:

Percentage:

Commission:

Calculate

Pay

18.Main Menu

Main menu

Welcome admin !
What do you want to do?

Products

Customers

Salesperson

Invoice

Report

Commission

File Structure (Database)

Legends

Primary key
Foreign key
Compound key

1. Commission table

Field Name	Data Type	Description
Commission transaction	Auto Number	ID will be automated
SalesID	Number	Entered using drop down list
Commission	Currency	Auto calculated based on the agreed percentage when entering the revenue
Received	Date	Today date

2. Customer table

Field Name	Data Type	Description
CustID	Number	ID will be automated
Custname	Long Text	Entered manually
Gender	Long Text	Entered manually using radio button
Contnum1	Short Text	Entered manually
Contnum2	Short Text	Entered manually
Area	Short Text	Entered manually
Deliveryaddress	Long Text	Entered manually using drop down list
ACCLimit	Currency	Entered manually

3. Invoice data table

Field Name	Data Type	Description
Invyear	Number	Today year
InvoiceID	Number	ID will be automated
CustomerID	Number	Entered manually
SalespersonID	Number	Entered manually using drop down list
Commissionstatus	Short Text	Initial set to be "No"

4. Invoice table

Field Name	Data Type	Description
Dateoforder	Date/Time	Date of order is set to be today's date
Invyear	Number	Today year
Invoicenumber	Number	ID will be automated

Status	Short Text	There will be two statuses: paid and not paid
Dateofdue	Date/Time	Date of due is set to be 30 days after date of order

5. Login table

Field Name	Data Type	Description
Uname	Long Text	Entered manually under the login registration page
Pword	Short Text	Entered manually under the login registration page
Ans	Short Text	Entered manually under the login registration page

6. Product table

Field Name	Data Type	Description
ProductID	Number	ID will be automated
Productname	Long Text	Entered manually
Coresize	Short Text	Entered manually using dropdownlist
Length	Short Text	Entered manually using dropdownlist
Price	Number	Entered manually
Discounts	Number	Entered manually
Stocklevel	Number	Stock level at start is set to 0. After adding new products, users will be directed to the stock page to input the stock

7. Product transaction table

Field Name	Data Type	Description
TransactionID	Auto Number	Automated numbering
Invyear	Number	Today year
Invoicenumber	Number	ID will be automated
ProductID	Number	Entered manually
Quantity	Number	Entered manually
Price	Currency	Taken from the product table
Discounts	Number	Taken from the product table
Total	Currency	Result is gotten from the calculation coding

8. Salesperson table

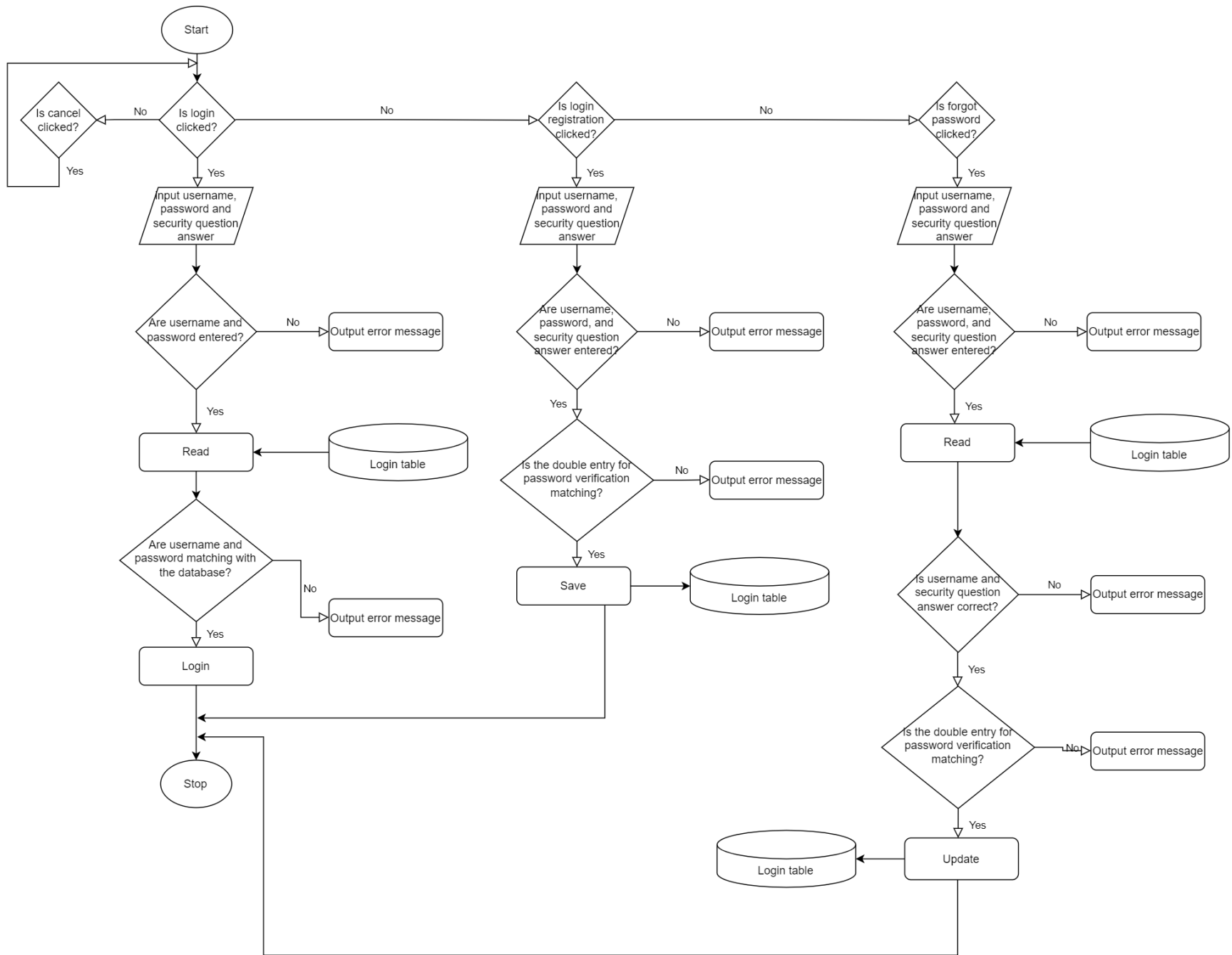
Field Name	Data Type	Description
SalespersonID	Number	ID will be automated
Area	Short Text	Entered manually
Salesname	Long Text	Entered manually
Gender	Short Text	Entered manually using radio button
Contactnumber1	Short Text	Entered manually
Contactnumber2	Short Text	Entered manually
Address	Long Text	Entered manually
Commission	Currency	Calculated from calculation coding

9. Stocks table

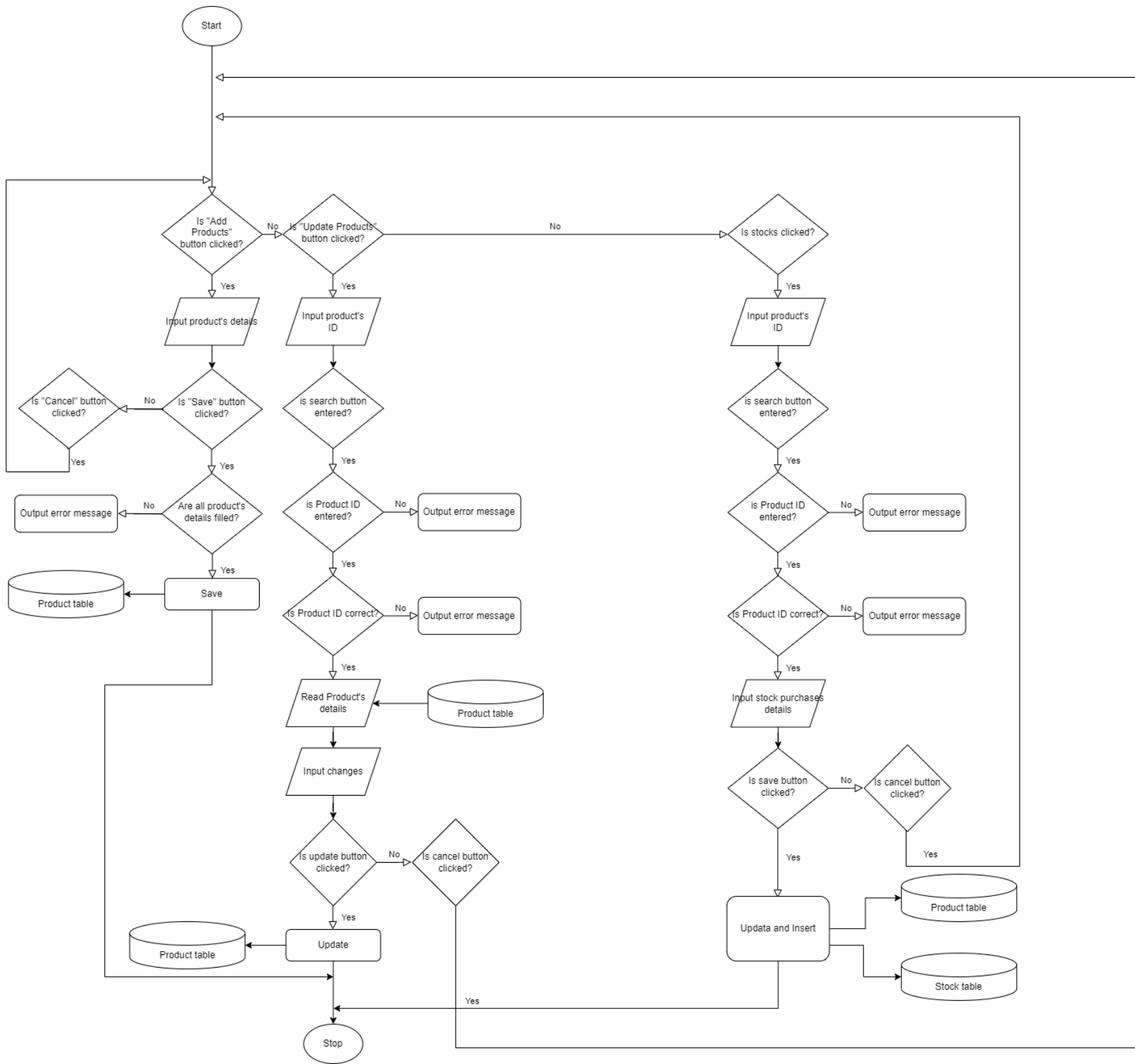
Field Name	Data Type	Description
PurchaseID	Auto Number	Automated numbering
Dateofpurchase	Date/Time	Entered manually using calendar
ProductID	Number	Entered manually
Purchaseprice	Currency	Entered manually
Purchaseqty	Number	Entered manually
Totalpurchase	Currency	Calculated from calculation coding

Flowchart

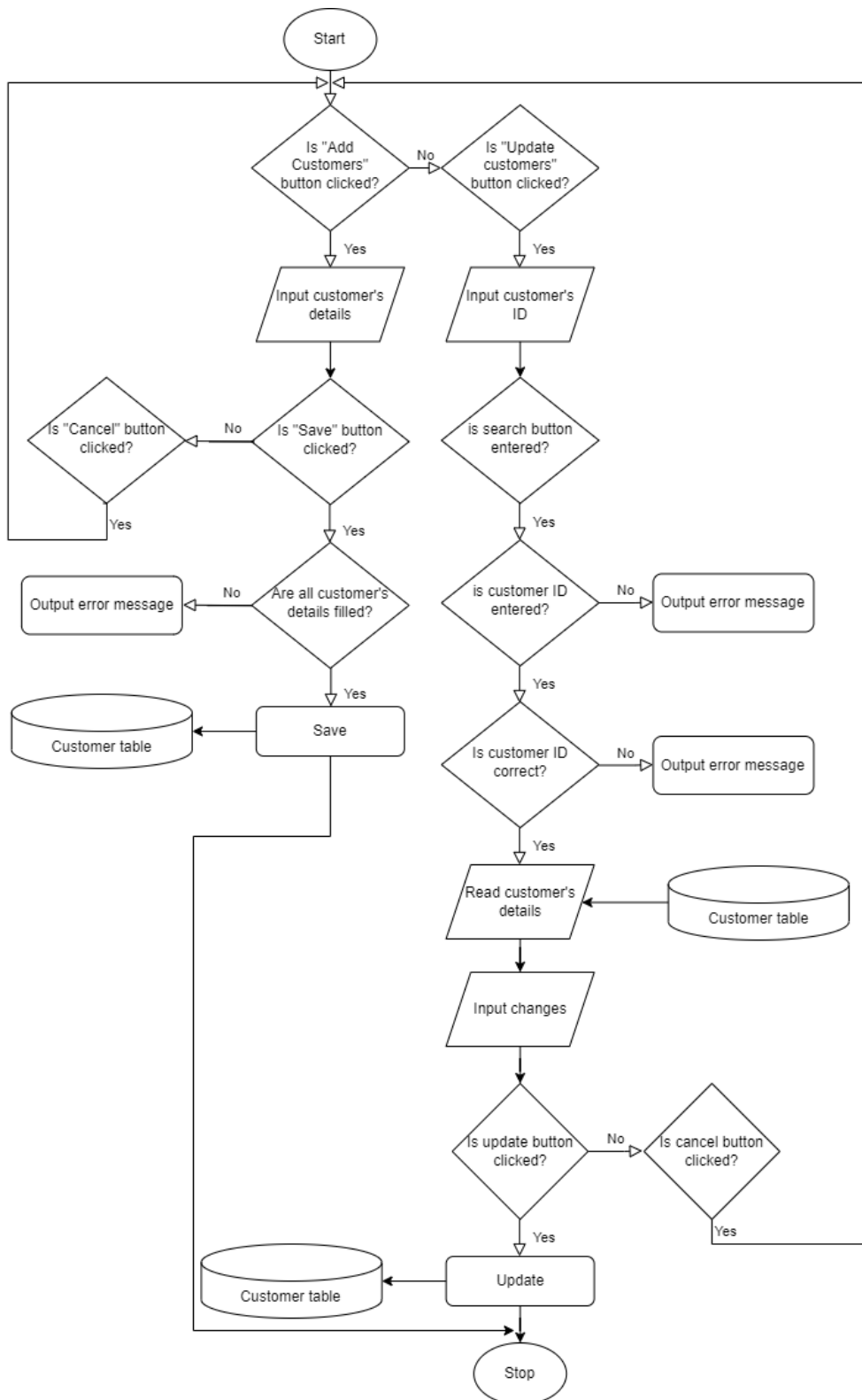
Module 1: Login page



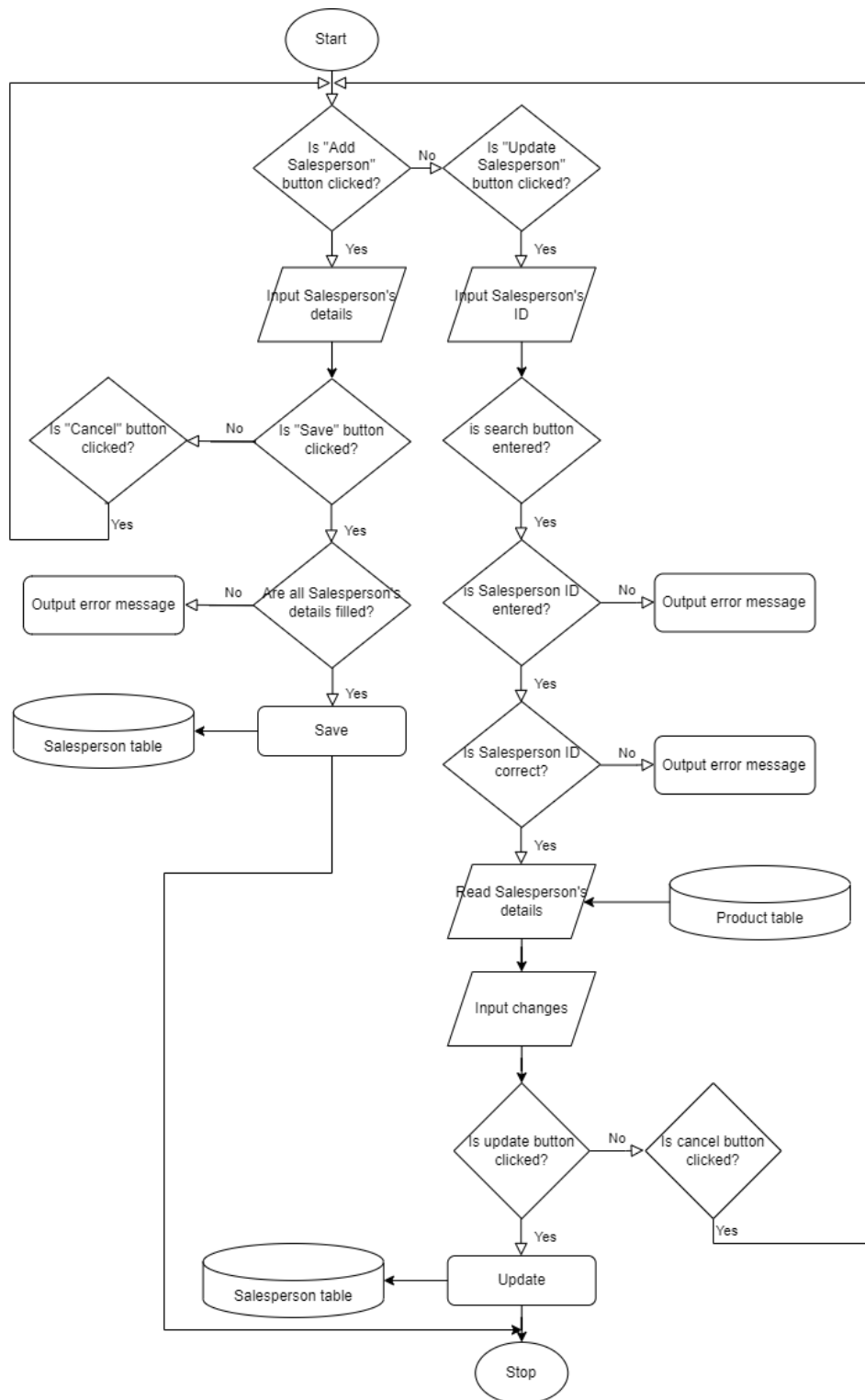
Module 2: Products



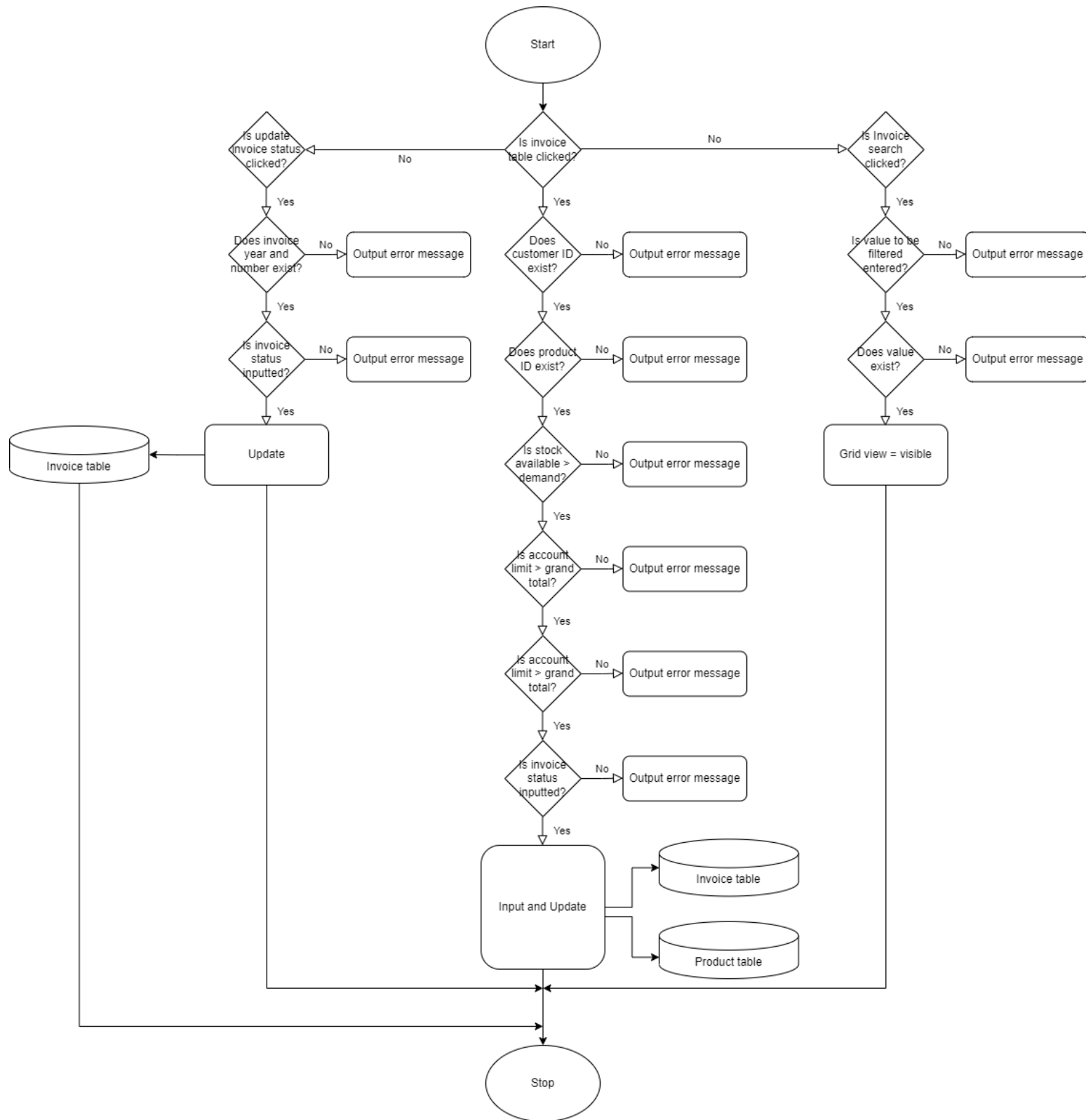
Module 3: Customers



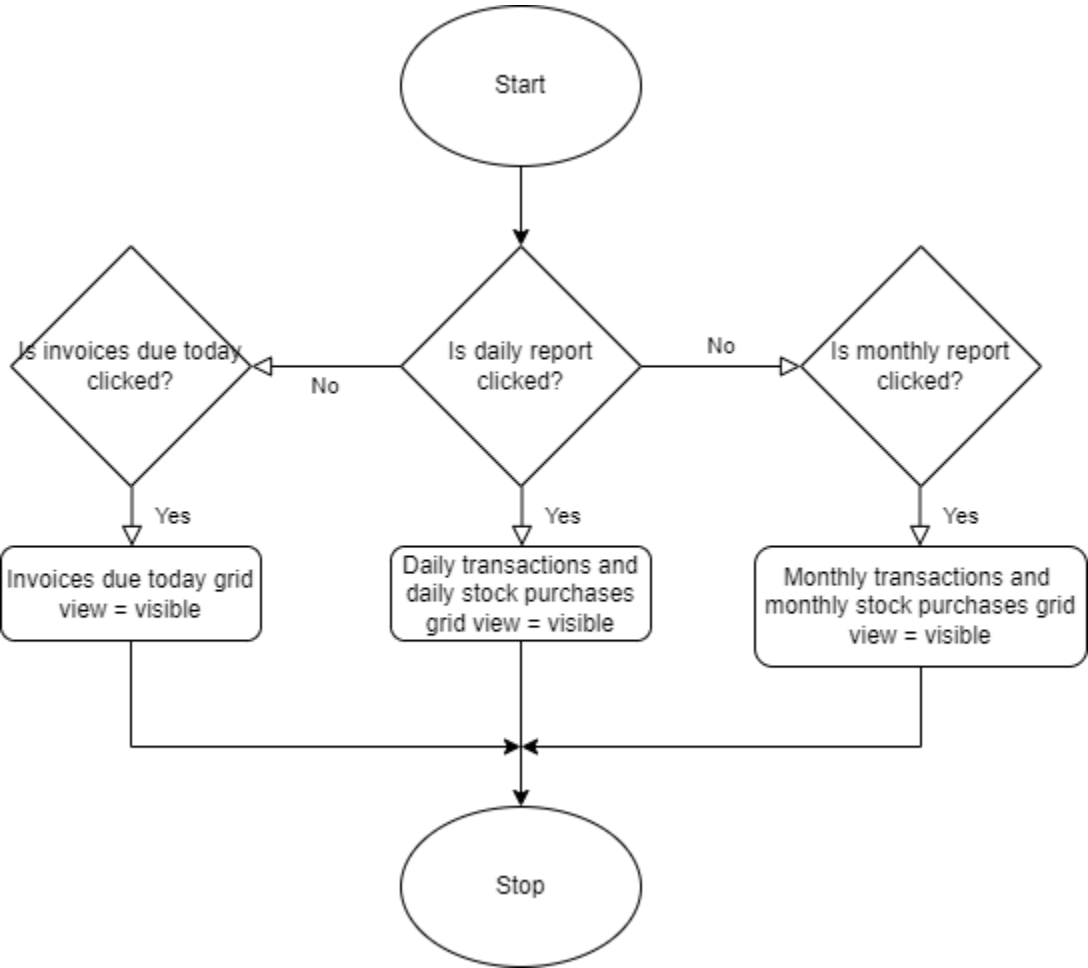
Module 4: Salesperson



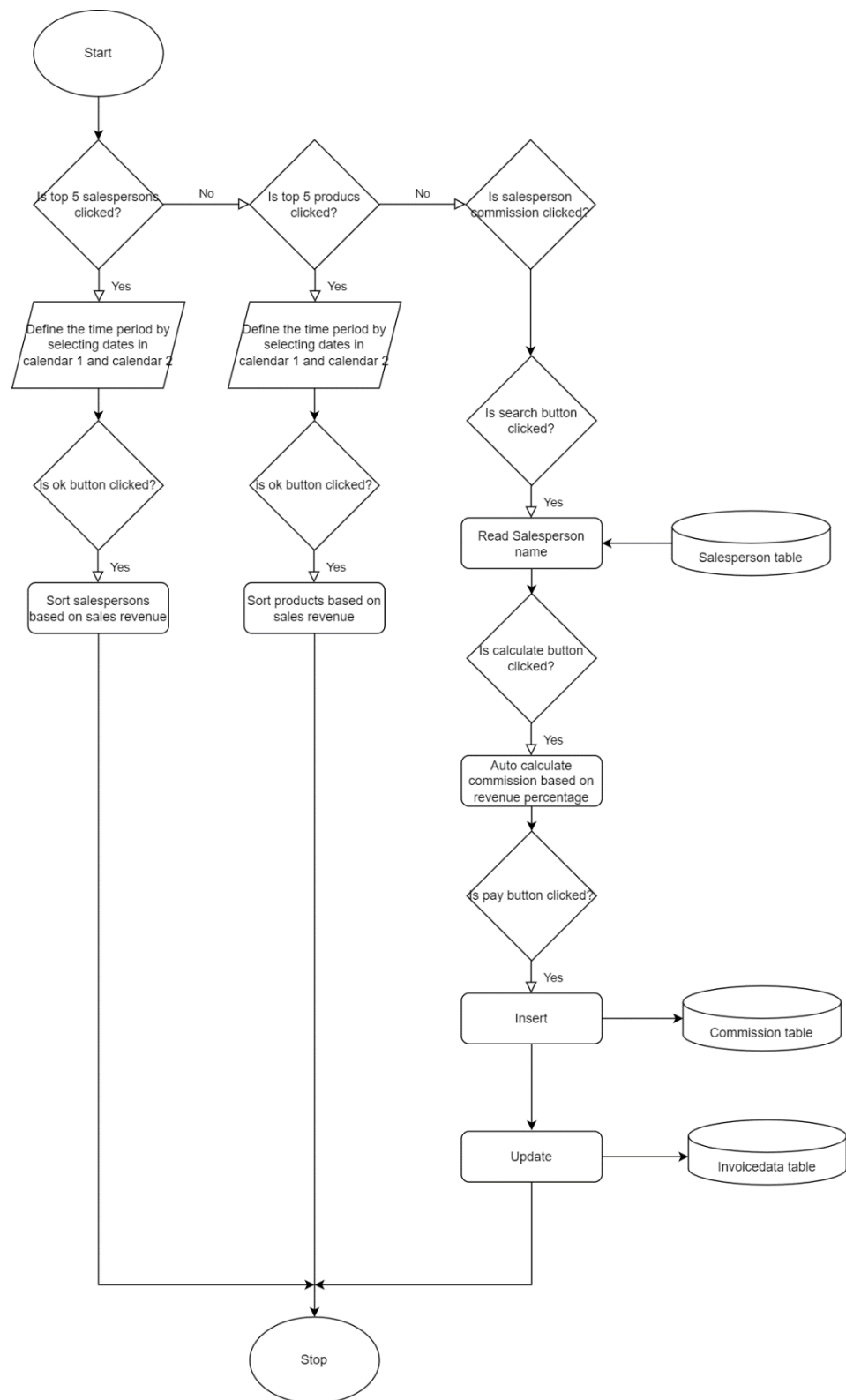
Module 5: Invoice



Module 6: Report



Module 7: Commission



Extensibility of Program

1. Comment lines are used to explain the functions of certain codes to let the user understand the working system of the specific codes to help future programmers.

```
Protected Sub Page_Load(ByVal sender As Object, ByVal e As System.EventArgs) Handles Me.Load
    'TO CALCULATE DUE DATE AUTOMATICALLY
    Label14.Text = Session("Loginname")
    Label2.Text = Today.Date
    Label3.Text = DateAdd("d", 30, Today.Date)
    Dim a As Integer
    a = Today.Year

    'TO INCREMENT INVOICE NUMBER EACH TIME A TRANSACTION IS FINISHED. HOWEVER EVERY YEAR, THE INVOICE NUMBER SHOULD START FROM 1 AGAIN.
    Dim x As Data.IDataReader = CType(ReadInvoiceTable.Select(DataSourceSelectArguments.Empty), Data.IDataReader)
    Dim invoicenumber As Integer
    Dim yrdate As Date
    Dim year As Integer
    While x.Read()
        yrdate = x("Dateoforder")
        year = yrdate.Year
        If year < Today.Year Then
            Label11.Text = "1"
            Label15.Text = a
        Else
            invoicenumber = x("Invoicenumber")
            Label11.Text = invoicenumber + 1
            Label15.Text = a
        End If
    End While
    x.Close()
```

2. Meaningful identifiers for variables which allows user to understand the use of certain variables.

```
Dim i, j, temp As Integer
i = 0
j = 0
For i = 0 To count - 2
    For j = i To count - 1
        If revenue(i) < revenue(j) Then
            temp = revenue(j)
            revenue(j) = revenue(i)
            revenue(i) = temp
            temp = salesid(j)
            salesid(j) = salesid(i)
            salesid(i) = temp
        End If
    Next
Next
ListBox2.Items.Clear()
ListBox1.Items.Clear()
For i = 0 To 4
    ListBox2.Items.Add(revenue(i))
    Dim o As Data.IDataReader = CType(ReadsalesID.Select(DataSourceSelectArguments.Empty), Data.IDataReader)
    While o.Read()
        If salesid(i) = o("SalespersonID") Then
            ListBox1.Items.Add(o("Salesname"))
        End If
    End While
Next
```

3. Modularity

Divide problems by using meaningful modules. This will allow a more organized planning of development and a more thorough testing of each module. Modules also allow future developers understand the various parts of the programs.

4. Data structure for database

Data structure is given to allow users or future developers to easily identify the content of each entity that is recorded in the database.

5. Data dictionary

Data dictionary is given to provide descriptions of the fieldname (how it is entered, what it means etc.)

6. Flowchart

Flowchart functions to help future developers to understand the technical weaknesses in the program and how it works. This will allow them to easily recognize the logic towards the solutions of problems.

Test Plan

No.	Module Name	Section / Button name	Test Purpose	Expected Result	Actual Outcome
1	Login Page	Login	Normal data of admin	"You have logged in successfully" and give access to the main page	Yes
2			Abnormal data	"Incorrect username or password" message box	Yes
3		Login registration	Existing usernames	"Entered username already existed, please enter a different one" message box	Yes
4			Empty textboxes	"Please enter the username and password" message box	Yes
5			Not matching passwords	"Password is not matching" message box	Yes
6			Normal data	"Username and password are successfully saved"	Yes
7		Forgot password?	Username does not exist	"Invalid username"	Yes
8			Answer to security questions is incorrect	"Answer is incorrect"	Yes
9			Not matching passwords	"Password is not matching"	Yes
10			Normal data	"Password successfully saved"	Yes
11	Products	Add products	Normal data	"Product details successfully saved" and refreshes the page	Yes
12		Update products	Product ID does not exist	"Please enter a correct product ID"	Yes
13			Normal data	"Data successfully updated"	Yes
14			Delete record	"Delete record?" If yes, "Record successfully deleted" record deleted and refreshes the page	Yes
15		Stocks	Product ID does not exist	"Please enter a correct product ID"	Yes
16			Normal data	"Stocks updated" and insert stock details into the stock table and update stock level in the product table	Yes
17	Customers	Add customers	Normal data	"Customer's details is successfully saved" and refreshes the page	Yes
18		Update customers	Customer ID does not exist	"Please enter a correct customer ID"	Yes
19			Normal data	"Data successfully updated"	Yes
20			Delete record	"Delete record?" If yes, "Data successfully deleted" record deleted and refreshes the page	Yes
21	Salesperson	Add salesperson	Normal data	" Data successfully saved" and refreshes the page	Yes

22		Update salesperson	Salesperson ID does not exist	"Please enter a correct salesperson ID"	Yes
23			Normal data	"Data successfully updated"	Yes
24			Delete record	"Delete record?" If yes, "Record successfully deleted" record deleted and refreshes the page	Yes
25	Invoice	Invoice table	Customer ID does not exist	"Please enter the correct customer ID"	Yes
26			Product ID does not exist	"Please enter the correct Product ID"	Yes
27			Demand exceeds stock level	"Sorry, quantity is not enough. Stock available: " & num	Yes
28			Quantity not entered	"Please enter the quantity of order"	Yes
29			Account limit exceeded	"Transaction exceeds the account limit, please delete some items. Account limit = Rp." & limit	Yes
30			Normal data	"Data successfully saved"	Yes
31			Invoice status not entered	"Please enter the invoice status"	Yes
32			Normal data	"Invoice successfully created"	Yes
33			Starting invoice ID from 1 in the beginning of every year		
34		Invoice search	Filter criteria not entered	"Please enter filter criteria"	Yes
35			Normal data	Shows the grid view for the selected filter criteria	Yes
36		Update invoice status	Invoice year or number not entered	"Please enter the invoice year and number"	Yes
37			Incorrect invoice year or number	"Please enter correct invoice year and number"	Yes
38			Invoice status not entered	"Please enter invoice status"	Yes
39			Normal data	"Data successfully saved"	Yes
40	Report	Daily Report	On client click	Daily report grid view visible	Yes
41		Monthly Report	On client click	Monthly report grid view visible	Yes
42		Invoices due today	On client click	Invoices due today report grid view visible	Yes
43	Commission	Top 5 Salespersons	Normal data	Use list boxes to display 5 salesperson names and their revenues in descending order based on sales revenues	Yes
44		Top 5 Products	Normal data	Use list boxes to display 5 product names and their revenues in	Yes

				descending order based on sales revenues	
45		Salesperson Commission	All the commission status for the selected salesperson ID is yes	"The selected salesperson does not have any revenue "	Yes
46			Normal data	"Commission progress saved"	Yes

Test Evidence

Test 1

Login Page

Welcome to PT. X

Username

admin

Password

.....

Login

Cancel

Login registration

Forgot password?

App_Web_z8vekzre



You have logged in successfully

OK

Test 2

Login Page

Welcome to PT. X

Username

admin

Password

..

Login

Cancel

Login registration

Forgot password?

App_Web_z8vekzre



Incorrect username or password

OK

Test 3

LOGIN REGISTRATION PAGE

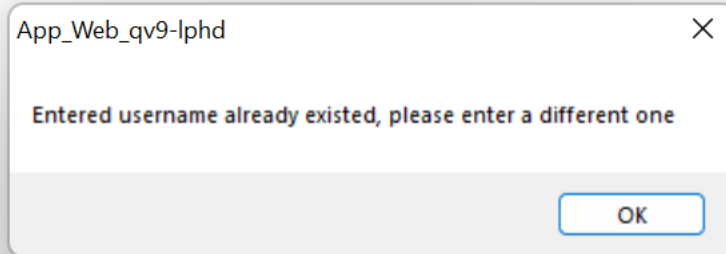
Username:

Password:

Re-enter password:

security question: What is the sum of your birthdate (dd+mm+yy)?

Answer



Test 4

LOGIN REGISTRATION PAGE

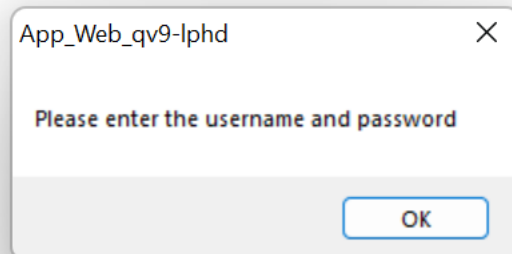
Username:

Password:

Re-enter password:

security question: What is the sum of your birthdate (dd+mm+yy)?

Answer



Test 5

LOGIN REGISTRATION PAGE

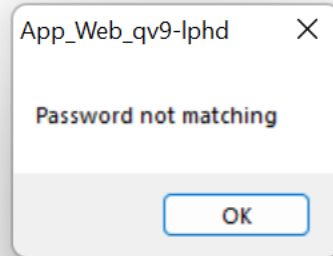
Username:

Password:

Re-enter password:

security question: What is the sum of your birthdate (dd+mm+yy)?

Answer



Test 6

LOGIN REGISTRATION PAGE

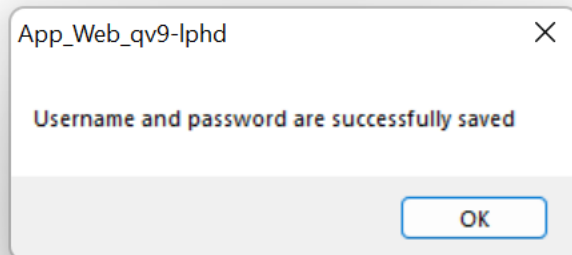
Username:

Password:

Re-enter password:

security question: What is the sum of your birthdate (dd+mm+yy)?

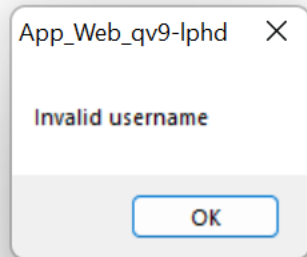
Answer



Test 7

[Back](#)

enter your username [Submit](#)



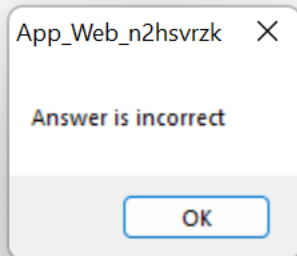
Test 8

[Back](#)

enter your username [Submit](#)

Security questions what is the sum of your birthday (yy+mm+dd)?

Enter your answer [submit](#)



Test 9

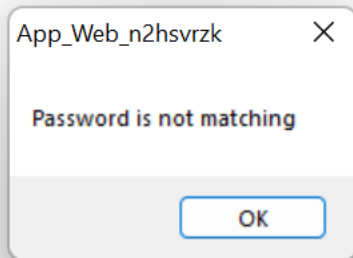
enter your username

Security questions what is the sum of your birthday (yy+mm+dd)?

Enter your answer

enter new password

confirm new password



Test 10

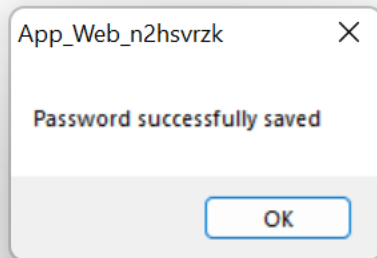
enter your username

Security questions what is the sum of your birthday (yy+mm+dd)?

Enter your answer

enter new password

confirm new password



Test 11

Main Menu

Hello, welcome admin!

Add Products

Update Products

Stocks

ADD PRODUCTS

Product ID

Product name

Core size

Length

Price

Discounts (%)

Save

Cancel

App_Web_n2hsvrzk

×

Product details successfully saved

OK

Test 12

Main Menu

Hello, welcome admin!

Add Products

Update Products

Stocks

UPDATE PRODUCTS

Product ID

Search

App_Web_n2hsvrzk

×

Please enter a correct product ID

OK

Test 13

Main Menu

Hello, welcome admin!

Add ProductsUpdate ProductsStocks

UPDATE PRODUCTS

Product name

O tape

Core size

32 mm ▾

Length

40 m ▾

Price

30000

Discounts

2

Update

Cancel

Delete record

App_Web_n2hsvrzk

×

Data successfully updated

OK

Test 14

Main Menu

Hello, welcome admin!

Add Products

Update Products

Stocks

UPDATE PRODUCTS

Product name

O tape

Core size

32 mm ▾

Length

40 m ▾

Price

30000

Discounts

2

Update

Cancel

Delete record

App_Web_n2hsvrzk

Delete record?

Yes

No

Main Menu

Hello, welcome admin!

Add Products

Update Products

Stocks

UPDATE PRODUCTS

Product name

O tape

Core size

32 mm ▾

Length

40 m ▾

Price

30000

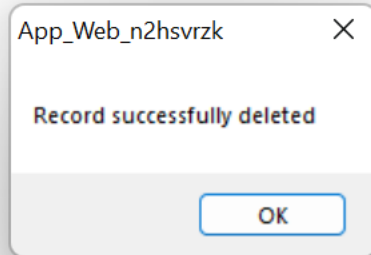
Discounts

2

Update

Cancel

Delete record



Test 15

Main menu

Welcome admin!

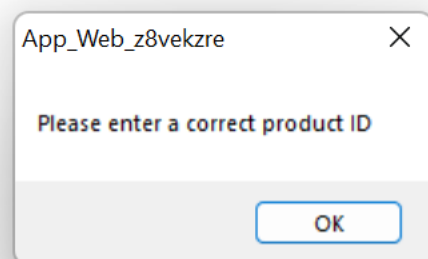
Products

ADD STOCK

Product ID

4

Search



Test 16

Main menu

Welcome admin!

Products

Product name

Jtape

Date of purchase

March 2023						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
26	27	28	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	1
2	3	4	5	6	7	8

Purchase price

4000

Purchase quantity

150

Total purchase

600000

Calculate

Save

Cancel

App_Web_z8vekzre

×

Stocks updated

OK

Test 17

Main menu

Hello, welcome admin !

Add Customer

Update Customer Status

ADD CUSTOMER

Customer ID

4

Name

Loli

Gender

☐ Male ☒ Female

Contact number 1

08797162

Contact number 2

099867

Area

Depok

Address

Citra 3 extension

ACC limit

1000000

Save

Cancel

App_Web_lbpgujxv



Customer's details is successfully saved

OK

Test 18

Main menu

Hello, welcome admin !

Add Customer

Update Customer Status

UPDATE CUSTOMER STATUS

Customer ID

5

Search

App_Web_lbpgujxv

×

Please enter a correct customer ID

OK

Test 19

Main menu

Hello, welcome admin !

Add Customer

Update Customer Status

UPDATE CUSTOMER STATUS

Customer ID

4

Search

Name

Loli

Gender

☒ Male ☐ Female

Contact number 1

08797162

Contact number 2

099867

Area

Depok ▼

Address

Citra 3 extension

ACC limit

1000000

App_Web_lbpgujxv

×

Data successfully updated

OK

Update

Cancel

Delete record

Test 20

Main menu

Hello, welcome admin !

Add CustomerUpdate Customer Status

UPDATE CUSTOMER STATUS

Customer ID4Search

NameLoli

GenderMaleFemale

Contact number 108797162

Contact number 2099867

AreaDepok

AddressCitra 3 extension

ACC limit1000000

App_Web_lbpgujxv

Delete the selected data?

YesNo

UpdateCancelDelete record

Main menu

Hello, welcome admin !

Add Customer

Update Customer Status

UPDATE CUSTOMER STATUS

Customer ID

4

Search

Name

Loli

Gender

☒ Male ☐ Female

Contact number 1

08797162

Contact number 2

099867

Area

Depok

Address

Citra 3 extension

ACC limit

1000000

Update

Cancel

Delete record

App_Web_lbpgujxv

×

Data successfully deleted

OK

Test 21

[Main menu](#)
Welcome admin!
[Add Salesperson](#) [Update Salesperson](#)
ADD SALESPERSON

Salesperson ID

Name

Gender ☒ Male ☐ Female

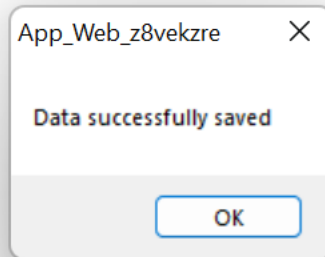
Contact number 1

Contact number 2

Address

Customer Area

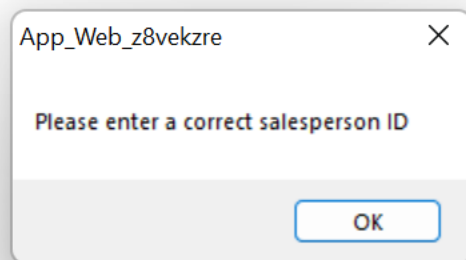
[Save](#) [Cancel](#)



Test 22

[Main menu](#)
Welcome admin!
[Add Salesperson](#) [Update Salesperson](#)
UPDATE SALESPERSON

Salesperson ID [Search](#)



Test 23

Main menu

Welcome admin!

Add Salesperson

Update Salesperson

UPDATE SALESPERSON

Salesperson ID

8

Search

Name

Maman

Gender

☒ Male ☐ Female

Contact number 1

082297421170

Contact number 2

08129395392

Address

Jl rose

Customer Area

Dadap

Update

Cancel

Delete record

App_Web_z8vekzre

×

Data successfully updated

OK

Test 24

Main menu

Welcome admin!

Add Salesperson

Update Salesperson

UPDATE SALESPERSON

Salesperson ID

8

Search

Name

Maman

Gender

☒ Male ☐ Female

Contact number 1

082297421170

Contact number 2

08129395392

Address

Jl rose

Customer Area

Dadap

Update

Cancel

Delete record

App_Web_z8vekzre

Delete record?

Yes

No

Main menu

Welcome admin!

Add Salesperson

Update Salesperson

UPDATE SALESPERSON

Salesperson ID

Name

Gender ☒ Male ☐ Female

Contact number 1

Contact number 2

Address

Customer Area

App_Web_z8vekre X

Record successfully deleted

Test 25

Date 3/14/2023
Invoice no 2023-9
Date of due 4/13/2023

Invoice

Welcome, admin!

CustomerID

7

Search

Customer name

Salesperson ID

1

Product ID

Search

Quantity

Calculate

Salesperson name

Product name

Total before discount

Core size

Total after discount

Add products

Length

Price

Discount (%)

App_Web_n2hsvrzk

Please enter the correct customer ID

OK

Grand total: 0
Invoice status: -

Finish

Test 26

Date 3/14/2023
Invoice no 2023-9
Date of due 4/13/2023

Welcome, admin!

CustomerID

Customer name Juli

Salesperson ID

▼

Product ID

Quantity

Salesperson name	Product name	Total before discount	
	Core size	Total after discount	<input type="button" value="Add products"/>
	Length		
	Price		
	Discount (%)		

Grand total: 0
Invoice status: - ▼

App_Web_n2hsvrzk

Please enter the correct Product ID

Test 27

Date 3/14/2023
Invoice no 2023-9
Date of due 4/13/2023

Welcome, admin!

CustomerID

Customer name Juli

Salesperson ID

▼

Product ID

Quantity

Salesperson name Bima Product name Jtape Total before discount

Core size 25 mm Total after discount

Length 21 m

Price 15000

Discount (%) 0

Grand total: 0
Invoice status: - ▼

App_Web_n2hsvrzk

✕

Sorry, quantity is not enough. Stock available: 567

Test 28

Date 3/14/2023
Invoice no 2023-9
Date of due 4/13/2023

Welcome, admin!

CustomerID	<input type="text" value="3"/>	<input type="button" value="Search"/>
------------	--------------------------------	---------------------------------------

Customer name Juli

Salesperson ID	<input type="button" value="5"/> ▼	Product ID	<input type="text" value="3"/>	<input type="button" value="Search"/>	Quantity	<input type="text"/>	<input type="button" value="Calculate"/>
----------------	------------------------------------	------------	--------------------------------	---------------------------------------	----------	----------------------	--

Salesperson name	Bima	Product name	Jtape	Total before discount
------------------	------	--------------	-------	-----------------------

Core size	25 mm	Total after discount	<input type="button" value="Add products"/>
-----------	-------	----------------------	---

Length 21 m

Price 15000

Discount (%) 0

Grand total: 0
Invoice status: ▼

App_Web_oa4sjf_c

×

Please enter the quantity of order

Test 29

Date 3/14/2023
Invoice no 2023-9
Date of due 4/13/2023

Welcome, admin!

CustomerID

Customer name Juli

Salesperson ID

▼

Product ID

Quantity

Salesperson name Bima Product name Jtape Total before discount 3000000

Core size 25 mm Total after discount 3000000

Length 21 m

Price 15000

Discount (%) 0

App_Web_oa4sjf_c

Transaction exceeds the account limit, please delete some items.
Account limit = Rp.1000000

Grand total: 0
Invoice status: - ▼

Test 30

Date 3/14/2023
Invoice no 2023-9
Date of due 4/13/2023

Welcome, admin!

CustomerID	<input type="text" value="3"/>	<input type="button" value="Search"/>
------------	--------------------------------	---------------------------------------

Customer name Juli

Salesperson ID	<input type="text" value="5"/> ▼	Product ID	<input type="text" value="3"/>	<input type="button" value="Search"/>	Quantity	<input type="text" value="10"/>	<input type="button" value="Calculate"/>
----------------	----------------------------------	------------	--------------------------------	---------------------------------------	----------	---------------------------------	--

Salesperson name	Bima	Product name	Jtape	Total before discount	150000
------------------	------	--------------	-------	-----------------------	--------

Core size	25 mm	Total after discount	150000	<input type="button" value="Add products"/>
-----------	-------	----------------------	--------	---

Length	21 m
--------	------

Price	15000
-------	-------

Discount (%)	0
--------------	---

App_Web_oa4sjf_c

×

Data successfully saved

OK

Grand total: 0
Invoice status: - ▼

Test 31

Date 3/14/2023
Invoice no 2023-9
Date of due 4/13/2023

Welcome, admin!

CustomerID

Customer name

Juli

Salesperson ID

5

▼

Product ID

Quantity

Salesperson name

Bima

Product name

Total before discount

Core size

Total after discount

Length

Price

Discount (%)

App_Web_oa4sjf_c

×

Please enter the invoice status

Invoicenumber	ProductID	Productname	Coresize	Length	Price	Quantity	Discount	Total	
9	3	Jtape	25 mm	21 m	15000	10	0	150000	Delete

Grand total: 150000
Invoice status:

-

▼

Test 32

Date 3/14/2023
Invoice no 2023-9
Date of due 4/13/2023

Welcome, admin!

CustomerID

Customer name Juli

Salesperson ID

Product ID

Quantity

Salesperson name Bima Product name Total before discount

Core size Total after discount

Length

Price

Discount (%)

App_Web_oa4sjf_c

×

Invoice successfully created

Invoicenumber	ProductID	Productname	Coresize	Length	Price	Quantity	Discount	Total	
9	3	Jtape	25 mm	21 m	15000	10	0	150000	Delete

Grand total: 150000
Invoice status:

Test 33

Untitled Page

localhost:59760/CS%20IA%20code2/Invoicetable.aspx

Date 3/22/2023

Invoice no 2023-30

Date of due 4/21/2023

Main menu | Invoice

Welcome, Admin!

CustomerID

Search

Customer name

Salesperson ID

1

Product ID

Search

Quantity

Calculate

Salesperson name

Product name

Total before discount

Core size

Total after discount

Add products

Length

Price

Discount (%)

Grand total: 0

Invoice status: -

Finish

89°F

Partly sunny

Search

zoom

ENG

6:04 PM

3/22/2023

Untitled Page

localhost:59760/CS%20IA%20code2/Invoicetable.aspx

Date 3/22/2024

Invoice no 2024-1

Date of due 4/21/2024

Main menu | Invoice

Welcome, !

CustomerID

Search

Customer name

Salesperson ID

1

Product ID

Search

Quantity

Calculate

Salesperson name

Product name

Total before discount

Core size

Total after discount

Add products

Length

Price

Discount (%)

Grand total: 0

Invoice status: -

Finish

89°F

Partly sunny

Search

zoom

ENG

6:05 PM

3/22/2024

Test 34

Main menu

Invoice

Hello, Welcome admin!

Date of order

≤	March 2023						≥
Sun	Mon	Tue	Wed	Thu	Fri	Sat	
<u>26</u>	<u>27</u>	<u>28</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	
<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	
<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	
<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>	<u>25</u>	
<u>26</u>	<u>27</u>	<u>28</u>	<u>29</u>	<u>30</u>	<u>31</u>	<u>1</u>	
<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	

Filter

App_Web_oa4sjf_c

Please enter filter criteria

OK

Date of due

≤	March 2023						≥
Sun	Mon	Tue	Wed	Thu	Fri	Sat	
<u>26</u>	<u>27</u>	<u>28</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	
<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	
<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	
<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>	<u>25</u>	
<u>26</u>	<u>27</u>	<u>28</u>	<u>29</u>	<u>30</u>	<u>31</u>	<u>1</u>	
<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	

Filter

Invoice status

▼

Filter

Salesperson

Filter

Customer

Filter

Product

Filter

Invoice year

Invoice number

Filter

Done

Test 35

Main menu

Invoice

Hello, Welcome admin!

Date of order

< March 2023 >

Sun

Mon

Tue

Wed

Thu

Fri

Sat

26

27

28

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

1

2

3

4

5

6

7

8

Filter

Date of due

< March 2023 >

Sun

Mon

Tue

Wed

Thu

Fri

Sat

26

27

28

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

1

2

3

4

5

6

7

8

Filter

Invoice status

Not paid

□

Filter

Salesperson

Filter

Customer

Filter

Product

Filter

Invoice year

Invoice number

Filter

Done

Date of order	Date of due	Invoice year	Invoice number	Customer name	Salesperson name	Product name	Price	Discounts	Quantity	Total	Status
3/13/2023 12:00:00 AM	4/12/2023 12:00:00 AM	2023	8	Grace	Bima	Tan tape	12000	1	1	11880	Not paid
3/13/2023 12:00:00 AM	4/12/2023 12:00:00 AM	2023	8	Grace	Bima	Jtape	15000	0	1	15000	Not paid
3/14/2023 12:00:00 AM	4/13/2023 12:00:00 AM	2023	9	Juli	Bima	Jtape	15000	0	10	150000	Not paid
3/15/2023 12:00:00 AM	4/14/2023 12:00:00 AM	2023	10	Grace	Bima	Tan tape	12000	1	1	11880	Not paid

Test 36

Main menu Invoice

Hello, Welcome admin!

Invoice year

Invoice no.

Invoice status

App_Web_sj7x2dya

Please enter the invoice year and number

OK

2023

Search

▼ Update

Test 37

Main menu Invoice

Hello, Welcome admin!

Invoice year

Invoice no.

Invoice status

App_Web_sj7x2dya

Please enter correct invoice year and number

OK

2023

100

Search

▼ Update

Test 38

Main menu Invoice

Hello, Welcome admin!

Invoice year

Invoice no.

Invoice status

App_Web_sj7x2dya

Please enter invoice status

OK

2023

9

Search

Invyear	Invoicenumber	Custname	Salesname	Productname	Price	Discounts	Total	Status	Dateofdue
2023	9	Juli	Bima	Jtape	150000	0	150000	Not paid	4/13/2023 12:00:00 AM

▼ Update

Test 39

Main menu Invoice

Hello, Welcome admin!

Invoice year

Invoice no.

Invoice status

App_Web_sj7x2dya

Data successfully updated

OK

2023

9

Search

Invyear	Invoicenumber	Custname	Salesname	Productname	Price	Discounts	Total	Status	Dateofdue
2023	9	Juli	Bima	Jtape	150000	0	150000	Not paid	4/13/2023 12:00:00 AM

Paid ▼ Update

Test 40

Main menu

3/15/2023

Hello, Welcome admin!

Transaction tracking

Daily report

Monthly report

Invoices due today

Daily Transactions

Dateoforder	Invyear	Invoicenumber	ProductID	Quantity	Price	Discount	Total	Status
3/15/2023 12:00:00 AM	2023	10	2	1	12000	1	11880	Not paid

Daily Stock Purchases

Test 41

Main menu

3/15/2023

Hello, Welcome admin!

Transaction tracking

Daily report

Monthly report

Invoices due today

From 3/1/2023 to 3/31/2023

Monthly Transaction

Dateoforder	Invyear	Invoicenumber	ProductID	Quantity	Price	Discount	Total	Status
3/2/2023 12:00:00 AM	2023	1	3	5	15000	0	75000	Paid
3/3/2023 12:00:00 AM	2023	2	3	5	15000	0	75000	Paid
3/3/2023 12:00:00 AM	2023	3	1	8	10000	0	80000	Paid
3/3/2023 12:00:00 AM	2023	4	2	4	12000	1	47520	Paid
3/3/2023 12:00:00 AM	2023	4	3	1	15000	0	15000	Paid
3/3/2023 12:00:00 AM	2023	4	1	2	10000	0	20000	Paid
3/3/2023 12:00:00 AM	2023	5	3	5	15000	0	75000	Paid
3/3/2023 12:00:00 AM	2023	6	2	5	12000	1	59400	Paid
3/3/2023 12:00:00 AM	2023	7	3	5	15000	0	75000	Paid
3/13/2023 12:00:00 AM	2023	8	2	1	12000	1	11880	Not paid
3/13/2023 12:00:00 AM	2023	8	3	1	15000	0	15000	Not paid
3/14/2023 12:00:00 AM	2023	9	3	10	15000	0	150000	Paid
3/15/2023 12:00:00 AM	2023	10	2	1	12000	1	11880	Not paid

Monthly Stock Purchases

Dateofpurchase	ProductID	Purchaseprice	Purchaseqty	Totalpurchase
3/1/2023 12:00:00 AM	1	9000	12	108000
3/3/2023 12:00:00 AM	3	5000	200	1000000
3/1/2023 12:00:00 AM	3	4000	150	600000

Test 42

Main menu

3/15/2023

Hello, Welcome admin!

Transaction tracking

Daily report

Monthly report

Invoices due today

Dateoforder	Dateofdue	Invyear	Invoicenumber	ProductID	Quantity	Price	Discount	Total
1/31/2022 12:00:00 AM	3/15/2023 12:00:00 AM	2022	1	1	1	10000	0	10000

Test 43

Main menu

Hello Welcome admin!

Top 5 Salespersons

Top 5 Products

Salesperson Commission

Top 5 Salesperson

From:

≤

December 2022

≥

Sun

Mon

Tue

Wed

Thu

Fri

Sat

27

28

29

30

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

1

2

3

4

5

6

7

To:

≤

March 2023

≥

Sun

Mon

Tue

Wed

Thu

Fri

Sat

26

27

28

1

2

3

4

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7

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9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

1

2

3

4

5

6

7

8

OK

Salesperson name

Revenue

Bima

Supri

Yadi

Yana

Hito

157520

134400

80000

75000

75000

Test 44

Main menu

Hello Welcome admin!

Top 5 Salespersons

Top 5 Products

Salesperson Commission

Top 5 Products

From:

To:

≤

November 2022

≥

Sun

Mon

Tue

Wed

Thu

Fri

Sat

30

31

1

2

3

4

5

6

7

8

9

10

11

12

13

14

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17

18

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21

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29

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1

2

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7

8

9

10

≤

March 2023

≥

Sun

Mon

Tue

Wed

Thu

Fri

Sat

26

27

28

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21

22

23

24

25

26

27

28

29

30

31

1

2

3

4

5

6

7

8

OK

Product name

Revenue

Jtape

G tape

Tan tape

O tape

M tape

382520

162520

141920

0

0

Test 45

Main menu

Hello Welcome admin!

Top 5 Salespersons

Top 5 Products

Salesperson Commission

Salesperson Commission

Salesperson ID:

1

Search

Salesperson name:

Revenue:

Percentage:

Commission:

Calculate

Pay

App_Web_xzbeopd9

X

The selected salesperson does not have any revenue

OK

Test 46

Main menu

Hello Welcome admin!

Top 5 Salespersons

Top 5 Products

Salesperson Commission

Salesperson Commission

Salesperson ID: 1 ▾ Search

Salesperson name:
Supri

Revenue:
11880

Percentage:
0.2

Commission:
23.76

Calculate

Pay

App_Web_xzbeopd9

Commission progress saved

OK