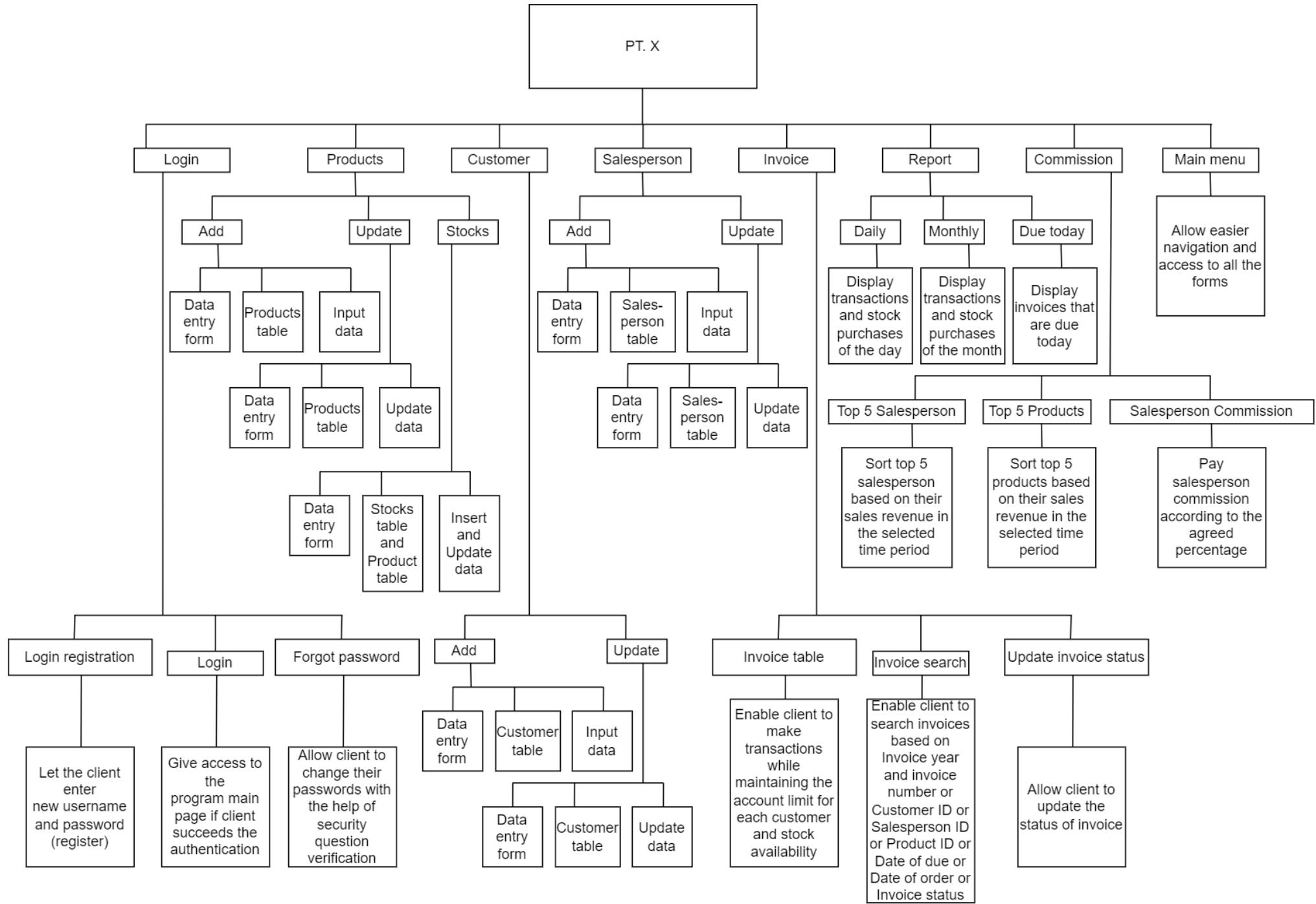


CRITERION B: DESIGN

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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

2. Login registration

LOGIN REGISTRATION PAGE

Username:

Password:

Re-enter password:

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

Answer

3. Forgot password

enter your username

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

enter new password
confirm new password

4. Add products

Main Menu

Hello, welcome admin!

Add Products

Update Products

Stocks

ADD PRODUCTS

Product ID

4

Product name

Core size

Length

Price

Discounts (%)

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

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

4

Name

Gender

Male Female

Contact number 1

Contact number 2

Area

Bekasi ▾

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

kilimanjо

ACC limit

100000

9. Add salesperson

[Main menu](#)

Welcome admin!

[Add Salesperson](#)

[Update Salesperson](#)

ADD SALESPERSON

Salesperson ID

8

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

7

Search

Name

Budi

Gender

Male Female

Contact number 1

082297421170

Contact number 2

08129395392

Address

gti ie bg

Customer Area

Kalideres

Update

Cancel

Delete record

11. Invoice table

Date 3/20/2023
Invoice no 2023-19
Date of due 4/19/2023
[Main menu](#) [Invoice](#)
Welcome, Admin!

CustomerID

Search

Customer name

Salesperson ID

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 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>	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
<u>26</u>	<u>27</u>	<u>28</u>	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

Filter

Salesperson

Filter

Customer

Filter

Product

Filter

Invoice year

Filter

Invoice number

Filter

Done

13. Update Invoice Status

[Main menu](#) [Invoice](#)

Hello, Welcome admin!

Invoice year

Search

Invoice no.

Invoice status

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	Purchaseqqty	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	
<u>26</u>	<u>27</u>	<u>28</u>	1	<u>2</u>	<u>3</u>	<u>4</u>	
5	6	7	8	9	<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>	1	
2	3	4	5	6	7	8	

≤	March 2023						≥
Sun	Mon	Tue	Wed	Thu	Fri	Sat	
<u>26</u>	<u>27</u>	<u>28</u>	1	<u>2</u>	<u>3</u>	<u>4</u>	
5	6	7	8	9	<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>	1	
2	3	4	5	6	7	8	

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>	1	2	3	4
5	6	7	8	9	<u>10</u>	<u>11</u>
12	13	14	15	16	17	18
19	20	21	22	23	24	25
<u>26</u>	<u>27</u>	<u>28</u>	<u>29</u>	<u>30</u>	<u>31</u>	1
2	3	4	5	6	7	8

To:

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

Product name

Revenue

OK

17. Salesperson Commission

Main menu

Hello Welcome admin!

[Top 5 Salespersons](#)

[Top 5 Products](#)

[Salesperson Commission](#)

Salesperson Commission

Salesperson ID:

Salesperson name:

Revenue:

Percentage:

Commission:

18. Main Menu

Main menu

Welcome admin

What do you want to do?

Products

Salesperson

Customers

Invoice

Commission

Report

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

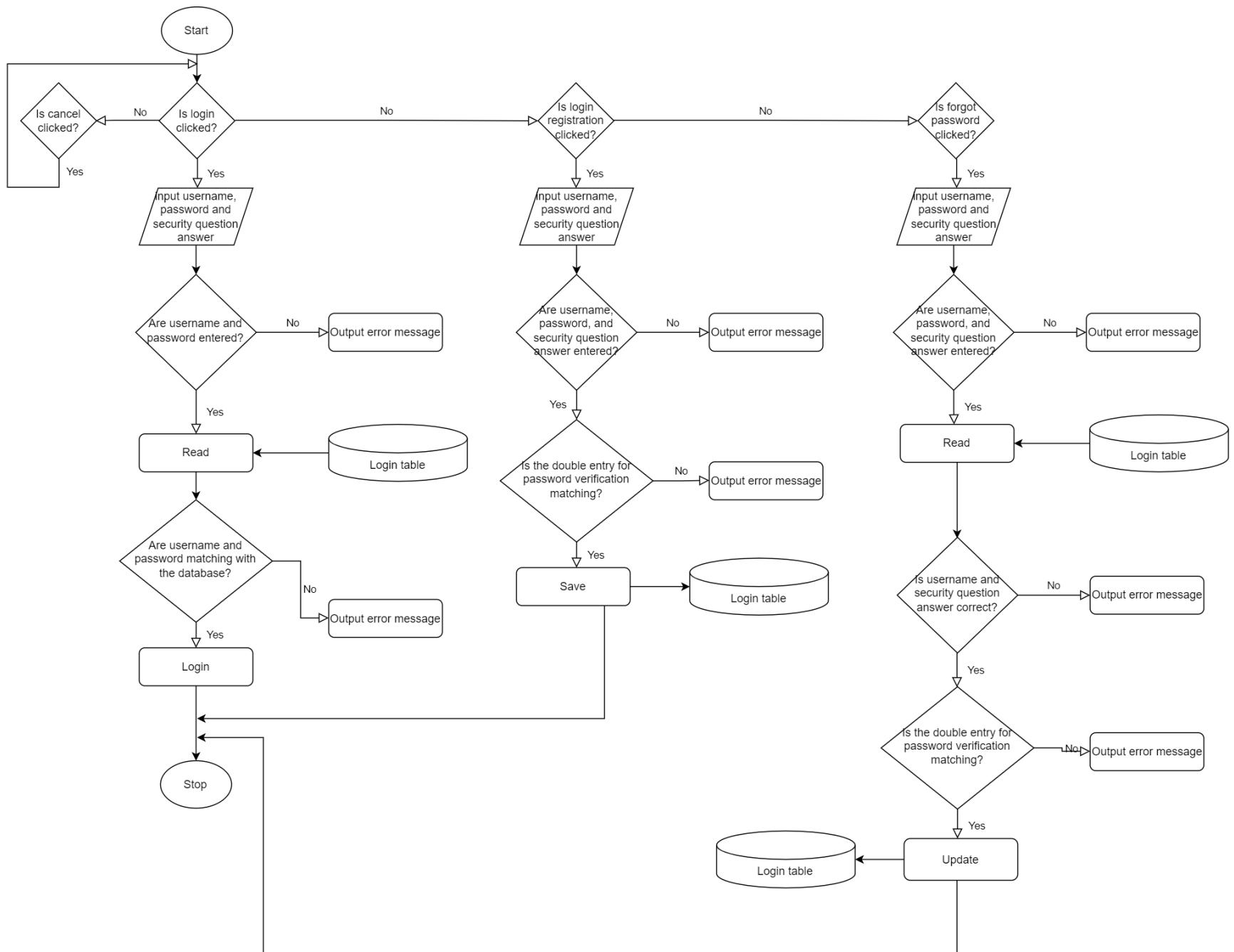
Field Name	Data Type	Description
SalespersonID	Number	ID will be automated
Area	Short Text	Entered manually
Salesname	Long Text	Entered manually
Gender	Short Text	Entered manually using radio button
Contactnumber1	Short Text	Entered manually
Contactnumber2	Short Text	Entered manually
Address	Long Text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

9. Stocks table

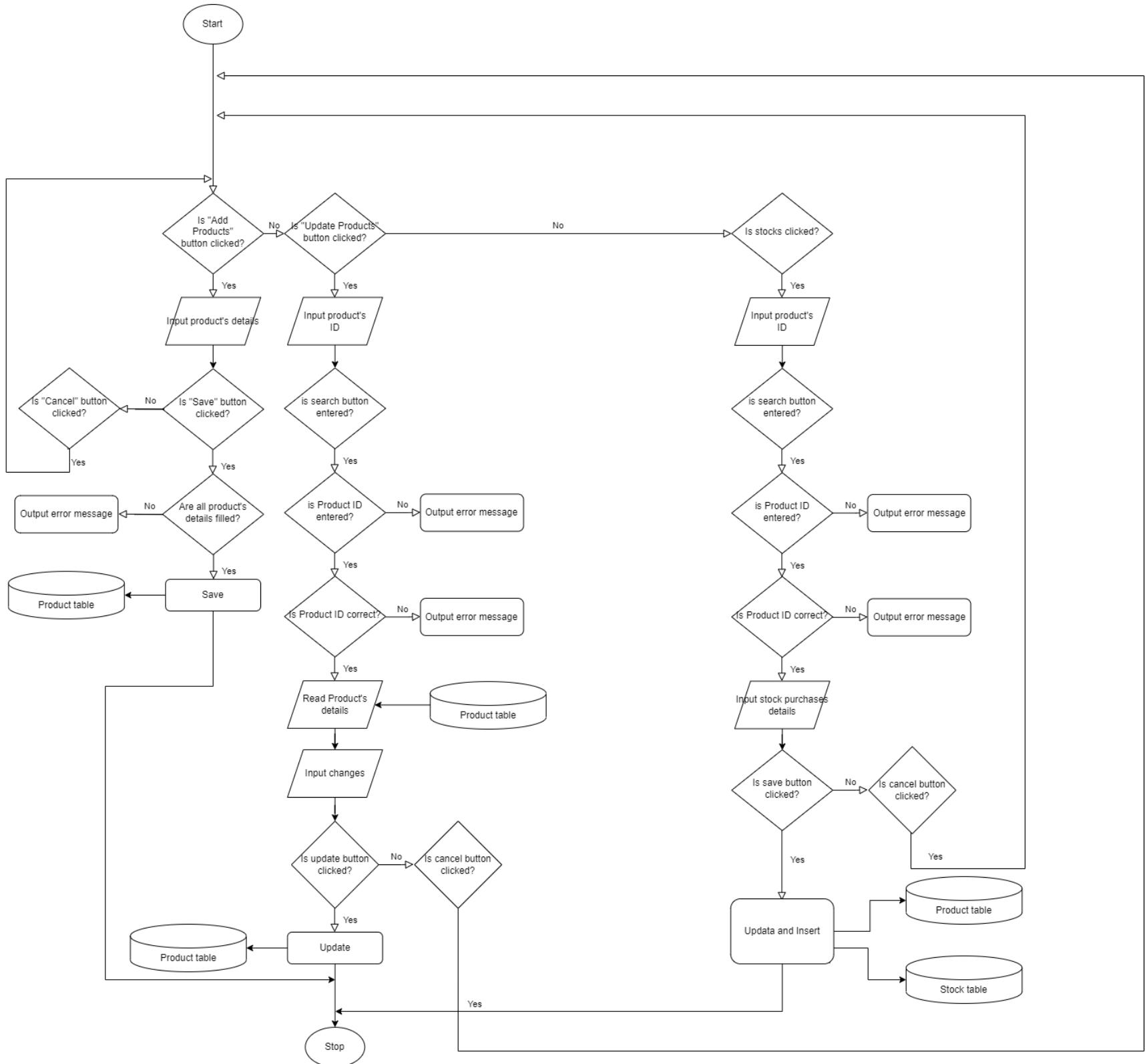
Field Name	Data Type	Description
PurchaseID	Auto Number	Automated numbering
Dateofpurchase	Date/Time	Entered manually using calendar
ProductID	Number	Entered manually
Purchaseprice	Currency	Entered manually
Purchaseqqty	Number	Entered manually
Totalpurchase	Currency	Calculated from calculation coding

Flowchart

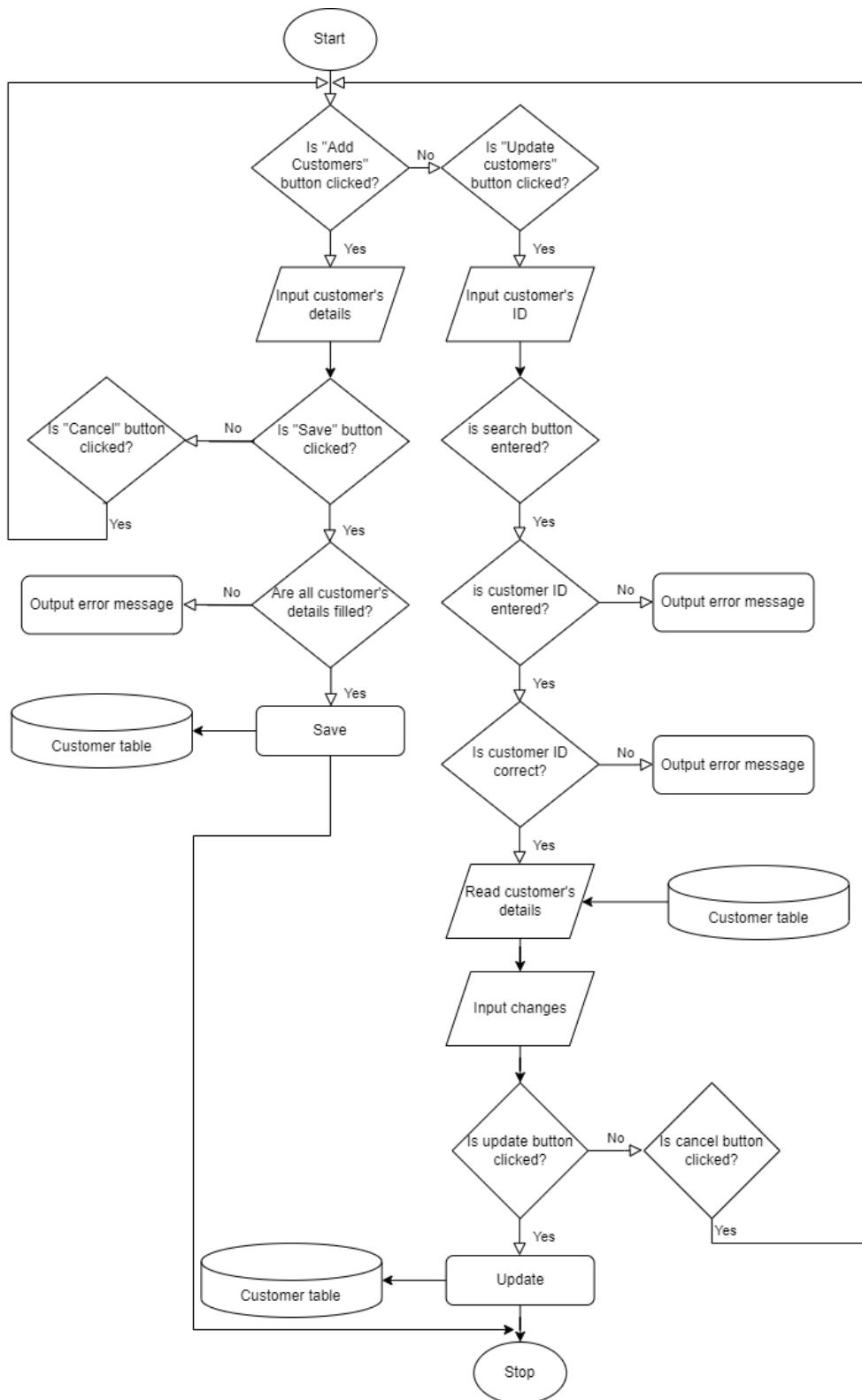
Module 1: Login page



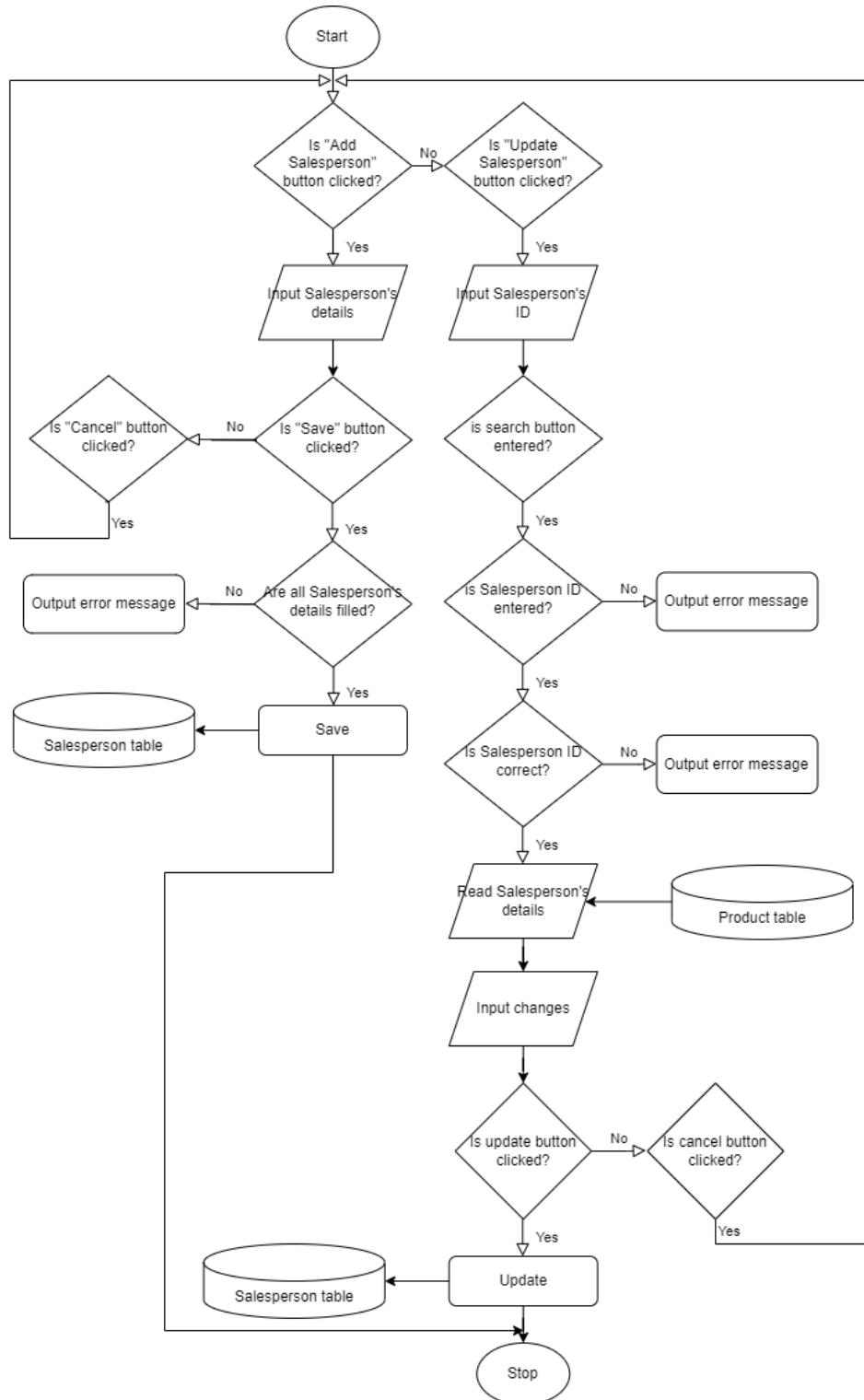
Module 2: Products



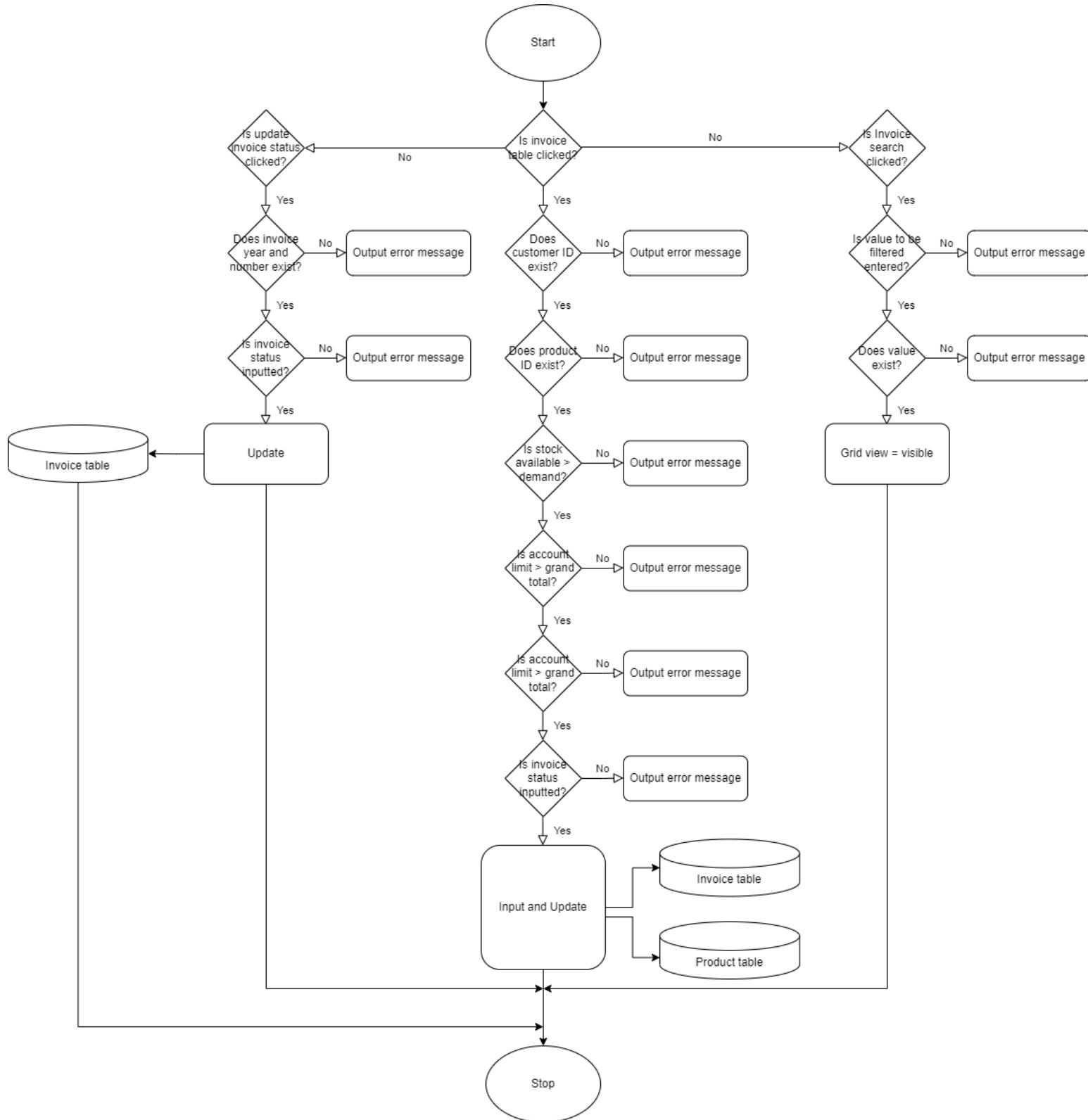
Module 3: Customers



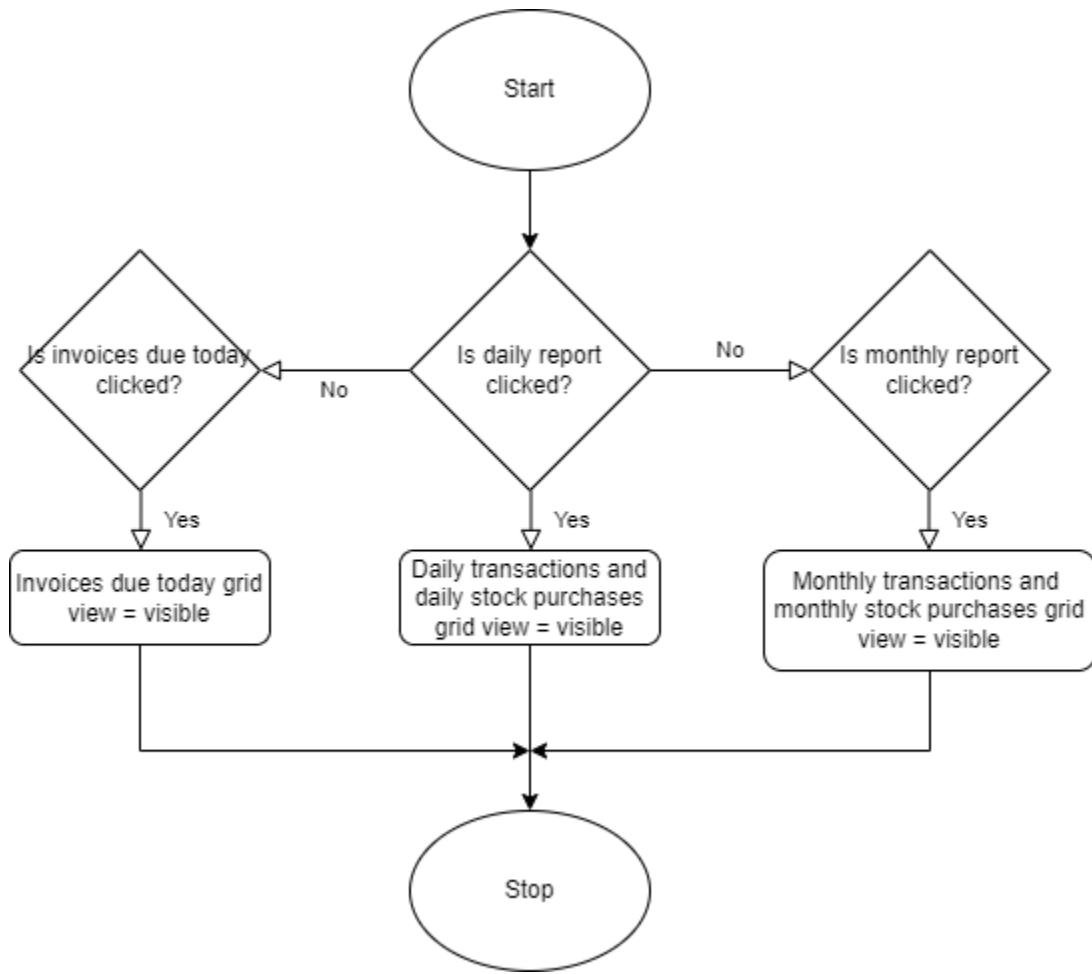
Module 4: Salesperson



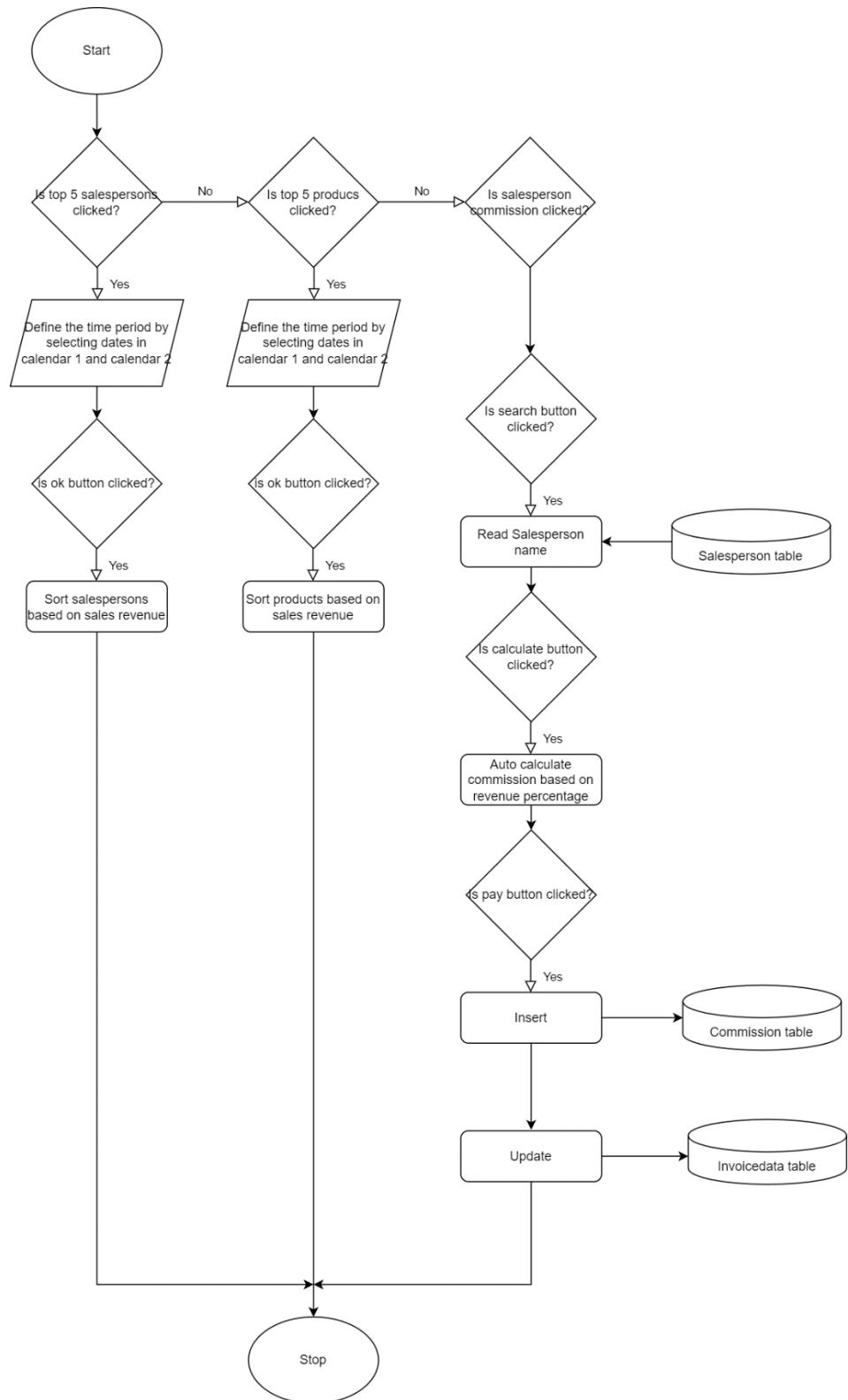
Module 5: Invoice



Module 6: Report



Module 7: Commission



Extensibility of Program

- 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
            Label1.Text = "1"
            Label15.Text = a
        Else
            invoiceNumber = x("Invoicenumber")
            Label1.Text = invoiceNumber + 1
            Label15.Text = a
        End If
    End While
    x.Close()
```

- 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	Report	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			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

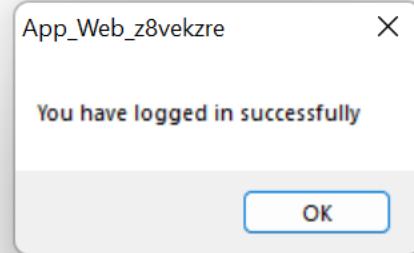
Test 1

Login Page

Welcome to PT. X

Username

Password



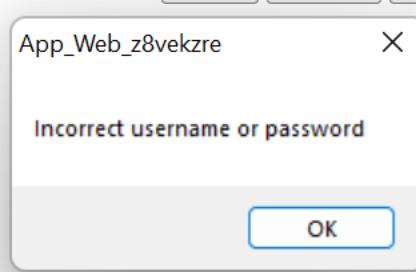
Test 2

Login Page

Welcome to PT. X

Username

Password



Test 3

LOGIN REGISTRATION PAGE

Username:

Password:

Re-enter password:

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

Answer

App_Web_qv9-lphd



Entered username already existed, please enter a different one

Test 4

LOGIN REGISTRATION PAGE

Username:

Password:

Re-enter password:

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

Answer

App_Web_qv9-lphd



Please enter the username and password

Test 5

LOGIN REGISTRATION PAGE

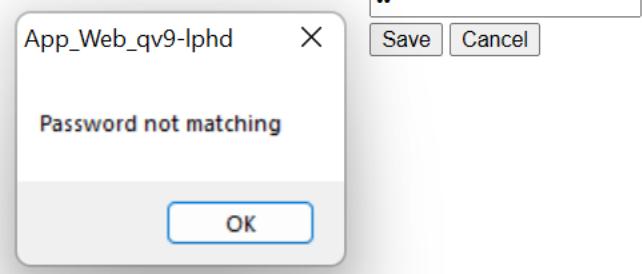
Username:

Password:

Re-enter password:

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

Answer



Test 6

LOGIN REGISTRATION PAGE

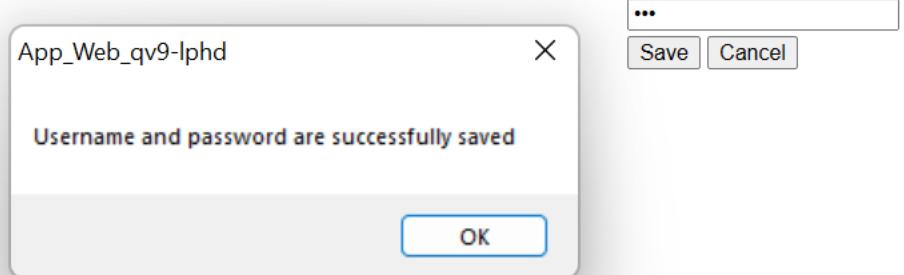
Username:

Password:

Re-enter password:

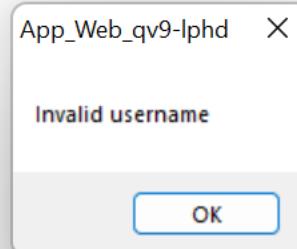
security question: What is the sum of your birthdate (dd+mm+yy)?

Answer



Test 7

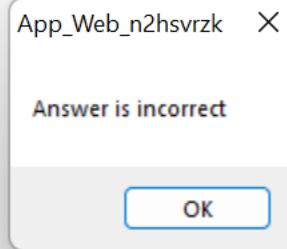
enter your username



Test 8

enter your username

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

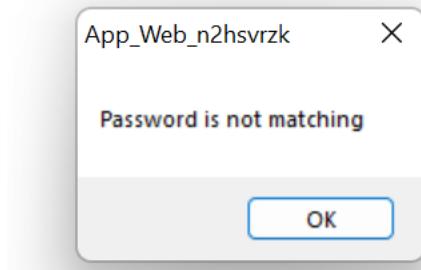


Test 9

[Back](#)
enter your username

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

enter new password
confirm new password

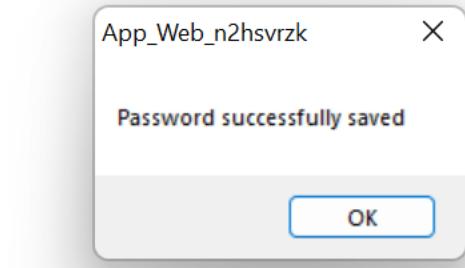


Test 10

[Back](#)
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 (%)

App_Web_n2hsrvzk X

Product details successfully saved

OK

Test 12

Main Menu
Hello, welcome admin!
[Add Products](#) [Update Products](#) [Stocks](#)

UPDATE PRODUCTS

Product ID

App_Web_n2hsrvzk X

Please enter a correct product ID

OK

Test 13

Main Menu

Hello, welcome admin!

Add Products Update Products Stocks

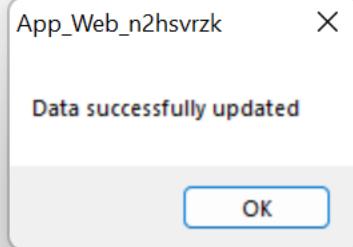
UPDATE PRODUCTS

Product name

O tape

Core size

32 mm ▾



Length

40 m ▾

Price

30000

Discounts

2

Test 14

Main Menu
Hello, welcome admin!
[Add Products](#) [Update Products](#) [Stocks](#)

UPDATE PRODUCTS

Product name

Core size

Length

Price

Discounts

App_Web_n2hsrvzk ×

Delete record?

Main Menu

Hello, welcome admin!

Add Products Update Products Stocks

UPDATE PRODUCTS

Product name

Core size

Length

Price

Discounts

App_Web_n2hsrvzk

X

Record successfully deleted

OK

Test 15

Main menu

Welcome admin!

Products

ADD STOCK

Product ID

App_Web_z8vekzre

X

Please enter a correct product ID

OK

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 X

Stocks updated

[OK](#)

Test 17

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

App_Web_lbpgujxv X

Customer's details is successfully saved

OK

Test 18

Main menu
Hello, welcome admin !
Add Customer Update Customer Status
UPDATE CUSTOMER STATUS

Customer ID Search

App_Web_lbpgujxv X

Please enter a correct customer ID

OK

Test 19

Main menu
Hello, welcome admin !
Add Customer Update Customer Status
UPDATE CUSTOMER STATUS

Customer ID Search

Name

Gender Male Female

Contact number 1

Contact number 2

Area

Address

ACC limit

App_Web_lbpgujxv X

Data successfully updated

OK

Update Cancel Delete record

Test 20

Main menu
Hello, welcome admin !
[Add Customer](#) [Update Customer Status](#)
UPDATE CUSTOMER STATUS

Customer ID

Name

Gender Male Female

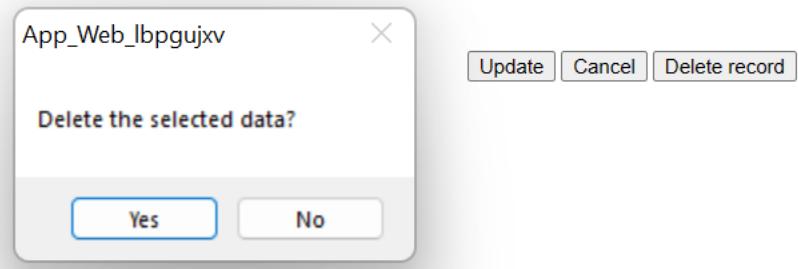
Contact number 1

Contact number 2

Area

Address

ACC limit



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



Update Cancel Delete record

Data successfully deleted

OK

Test 21

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

ADD SALESPERSON

Salesperson ID	<input type="text" value="8"/>
Name	<input type="text" value="Maman"/>
Gender	<input checked="" type="radio"/> Male <input type="radio"/> Female
Contact number 1	<input type="text" value="082297421170"/>
Contact number 2	<input type="text" value="08129395392"/>
Address	<input type="text" value="Jl rose"/>
Customer Area	<input type="text" value="Patimura"/>

App_Web_z8vekzre X

Data successfully saved

OK

Test 22

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

UPDATE SALESPERSON

Salesperson ID	<input type="text" value="9"/>	<input type="button" value="Search"/>
----------------	--------------------------------	---------------------------------------

App_Web_z8vekzre X

Please enter a correct salesperson ID

OK

Test 23

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

Salesperson ID

Name

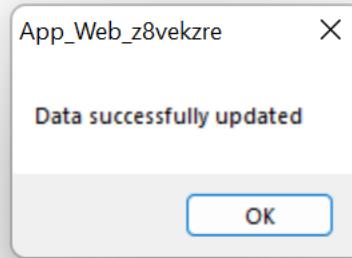
Gender Male Female

Contact number 1

Contact number 2

Address

Customer Area



Test 24

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

Salesperson ID

Name

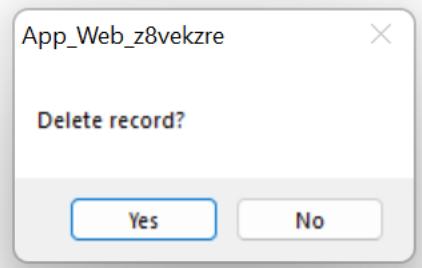
Gender Male Female

Contact number 1

Contact number 2

Address

Customer Area



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

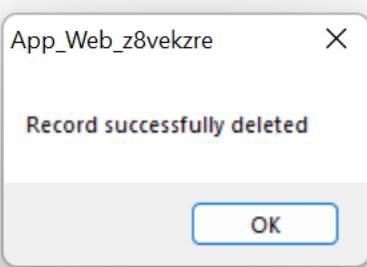
Customer Area

Dadap

Update

Cancel

Delete record



Test 25

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

Welcome, admin!

CustomerID

7

Customer name

Salesperson ID

1

Product ID

Quantity

Salesperson name

Product name

Total before
discount

Core size

Total after
discount

Length

App_Web_n2hsrvzk

X

Price

Please enter the correct customer ID

Discount (%)

Grand total: 0

Invoice status:

Test 26

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

Welcome, admin!

CustomerID

3

Customer name

Juli

Salesperson ID

5 ▾

Product ID

9

Quantity

Salesperson name

Product name

Total before
discount

Core size

Total after
discount

Length

App_Web_n2hsrvzk

X

Price

Please enter the correct Product ID

Discount (%)

Grand total: 0

Invoice status: - ▾

Test 27

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

Welcome, admin!

CustomerID

3

Customer name

Juli

Salesperson ID

5

Product ID

3

Quantity

10000

Salesperson name

Bima

Product name Jtape

Total before
discount

Core size 25 mm

Total after
discount

Length 21 m

Price 15000

Discount (%) 0

App_Web_n2hsrvzk

Sorry, quantity is not enough. Stock available: 567

Grand total: 0

Invoice status:

Test 28

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

Welcome, admin!

CustomerID

3

Customer name

Juli

Salesperson ID

5 ▾

Product ID

3

Quantity

Salesperson name

Bima

Product name Jtape

Total before
discount

Core size

25 mm

Total after
discount

Length

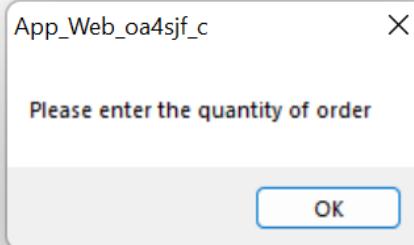
21 m

Price

15000

Discount (%)

0



Grand total: 0

Invoice status: - ▾

Test 29

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

Welcome, admin!

CustomerID

3

Customer name

Juli

Salesperson ID

5

Product ID

3

Quantity

200

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

X

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

3

Customer name

Juli

Salesperson ID

5

Product ID

3

Quantity

10

Salesperson name

Bima

Product name Jtape

Total before
discount 150000

Core size 25 mm

Total after
discount 150000

Length 21 m

App_Web_oa4sjf_c

Data successfully saved

Price 15000

Grand total: 0

Invoice status:

Test 31

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

Invoice

Welcome, admin!

CustomerID

3

Search

Customer name

Juli

Salesperson ID

5

Product ID

Search

Quantity

Calculate

Salesperson name

Bima

Product name

Total before
discount

Core size

Total after
discount

Add products

Length

App_Web_oa4sjf_c

X

Price

Please enter the invoice status

OK

Discount (%)

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: -

Finish

Test 32

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

Welcome, admin!

CustomerID

3

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

X

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 x

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

Salesperson ID 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:

89°F Partly sunny Search  6:04 PM 3/22/2023

Untitled Page x

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

Salesperson ID 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:

89°F Partly sunny Search  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>	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

App_Web_oa4sjf_c X

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>	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

▼

Filter

Salesperson

Filter

Customer

Filter

Product

Filter

Invoice year

Invoice number

Filter

Done

Test 35

[Main menu](#) [Invoice](#)

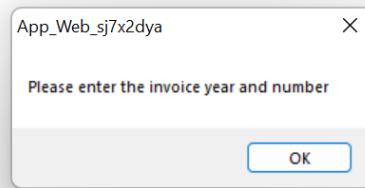
Hello, Welcome admin!

Date of order	<table border="1" style="margin-bottom: 10px;"> <tr> <td style="text-align: center; padding: 2px;"><</td> <td style="text-align: center; padding: 2px;">March 2023</td> <td style="text-align: center; padding: 2px;">></td> </tr> <tr> <th>Sun</th> <th>Mon</th> <th>Tue</th> <th>Wed</th> <th>Thu</th> <th>Fri</th> <th>Sat</th> </tr> <tr> <td>26</td> <td>27</td> <td>28</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> <tr> <td>5</td> <td>6</td> <td>7</td> <td>8</td> <td>9</td> <td>10</td> <td>11</td> </tr> <tr> <td>12</td> <td>13</td> <td>14</td> <td>15</td> <td>16</td> <td>17</td> <td>18</td> </tr> <tr> <td>19</td> <td>20</td> <td>21</td> <td>22</td> <td>23</td> <td>24</td> <td>25</td> </tr> <tr> <td>26</td> <td>27</td> <td>28</td> <td>29</td> <td>30</td> <td>31</td> <td>1</td> </tr> <tr> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> <td>8</td> </tr> </table> <input type="button" value="Filter"/>							<	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
<	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																																																					
Date of due	<table border="1" style="margin-top: 10px;"> <tr> <td style="text-align: center; padding: 2px;"><</td> <td style="text-align: center; padding: 2px;">March 2023</td> <td style="text-align: center; padding: 2px;">></td> </tr> <tr> <th>Sun</th> <th>Mon</th> <th>Tue</th> <th>Wed</th> <th>Thu</th> <th>Fri</th> <th>Sat</th> </tr> <tr> <td>26</td> <td>27</td> <td>28</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> <tr> <td>5</td> <td>6</td> <td>7</td> <td>8</td> <td>9</td> <td>10</td> <td>11</td> </tr> <tr> <td>12</td> <td>13</td> <td>14</td> <td>15</td> <td>16</td> <td>17</td> <td>18</td> </tr> <tr> <td>19</td> <td>20</td> <td>21</td> <td>22</td> <td>23</td> <td>24</td> <td>25</td> </tr> <tr> <td>26</td> <td>27</td> <td>28</td> <td>29</td> <td>30</td> <td>31</td> <td>1</td> </tr> <tr> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> <td>8</td> </tr> </table> <input type="button" value="Filter"/>							<	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
<	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																																																					
Invoice status	<input type="button" value="Not paid ▾"/> <input type="button" value="Filter"/>																																																										
Salesperson	<input type="text"/> <input type="button" value="Filter"/>																																																										
Customer	<input type="text"/> <input type="button" value="Filter"/>																																																										
Product	<input type="text"/> <input type="button" value="Filter"/>																																																										
Invoice year	<input type="text"/>																																																										
Invoice number	<input type="text"/> <input type="button" value="Filter"/> <input type="button" value="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

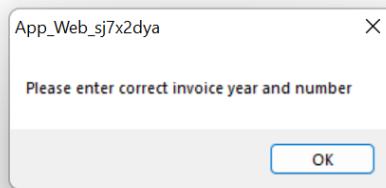
Main menu Invoice
Hello, Welcome admin!
Invoice year
Invoice no.
Invoice status



2023
100
Search
Update

Test 37

Main menu Invoice
Hello, Welcome admin!
Invoice year
Invoice no.
Invoice status

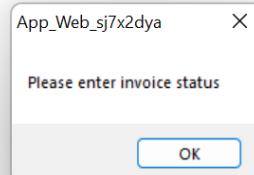


2023
100
Search
Update

Test 38

Main menu Invoice
Hello, Welcome admin!
Invoice year
Invoice no.

Invoice status



Invyear	Invoicenumber	Custname	Salesname	Productname	Price	Discounts	Total	Status	Dateofdue
2023	9	Juli	Bima	Jtape	15000	0	150000	Not paid	4/13/2023 12:00:00 AM

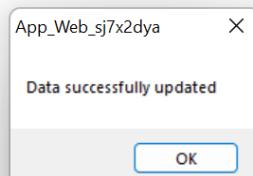
Search

Update

Test 39

Main menu Invoice
Hello, Welcome admin!
Invoice year
Invoice no.

Invoice status



Invyear	Invoicenumber	Custname	Salesname	Productname	Price	Discounts	Total	Status	Dateofdue
2023	9	Juli	Bima	Jtape	15000	0	150000	Not paid	4/13/2023 12:00:00 AM

Search

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

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
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

OK

Salesperson name

Bima
Supri
Yadi
Yana
Hito

Revenue

157520
134400
80000
75000
75000

Test 44

Main menu

Hello Welcome admin!

[Top 5 Salespersons](#)

[Top 5 Products](#)

[Salesperson Commission](#)

Top 5 Products

From:

November 2022						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
<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>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>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>

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

Jtape
G tape
Tan tape
O tape
M tape

Revenue

382520
162520
141920
0
0

Test 45

Main menu

Hello Welcome admin!

[Top 5 Salespersons](#)

[Top 5 Products](#)

[Salesperson Commission](#)

Salesperson Commission

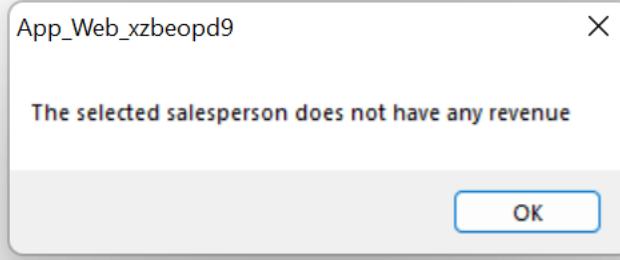
Salesperson ID:

Salesperson name:

Revenue:

Percentage:

Commission:



Test 46

Main menu

Hello Welcome admin!

[Top 5 Salespersons](#) [Top 5 Products](#) [Salesperson Commission](#)

Salesperson Commission

Salesperson ID:

Revenue:

Salesperson name:

Percentage:

Commission:

App_Web_xzbeopd9 X

Commission progress saved