
SALES ORDER MANAGEMENT SYSTEM

Main Form



The screenshot shows a Windows-style window titled "CAMPCO LTD". The window's content area is light beige and contains the text "WELCOME TO SALES ORDER MANAGEMENT SYSTEM" centered. At the bottom of the window, there are three buttons: "Customer", "Employee", and "Exit". The "Customer" button is highlighted with a yellow border.

Form Description

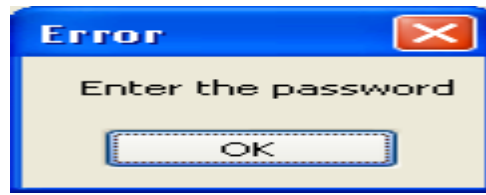
FIELD NAME	TYPE	DESCRIPTION
Customer	Button	On click of Customer loads the Customer Login Form
Employee	Button	On click of Employee loads the Employee Login Form
Exit	Button	Exits the program

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Customer Login From



A screenshot of a Windows application window titled "CAMPCO LTD". The window contains a login form with two text boxes: "CustomerId" (containing "cu00001") and "Password" (empty). Below the text boxes are "OK" and "Cancel" buttons. At the bottom right, there is a "Register Now" button. A blue italicized text "New customers register your name below" is positioned above the "Register Now" button.



From Description

FIELD NAME	TYPE	DESCRIPTION
CustomerId	TextBox	Field to enter the Customer Id
Password	TextBox	Field to enter the Password
Ok	Button	Validates CustomerId and Password and loads the Customer Menu Form
Cancel	Button	Exits the program
Register Now	Button	Loads the Customer Details form that lets the new customer to register his details

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Unit Testing

TEST RESULTS

PASS

SL.NO	USER ACTION	EXPECTED RESULTS	OBSERVED OUTPUT	PASS
1	Customer does not enter CustomerId and clicks 'Ok'	Should display an error message 'enter the CustomerId'	Same	PASS
2	Customer does not enter the Password and clicks 'Ok'	Should display an error message 'enter the Password'	Same	PASS
3	Customer enters invalid CustomerId and click 'Ok'	Should display an error message 'invalid CustomerId'	Same	PASS
4	Customer enters invalid Password and clicks 'Ok'	Should display an error message 'invalid Password'	Same	
5	Customer does not enter CustomerId and Password and clicks 'Ok'	Should display an error message 'enter the CustomerId and password'	Same	PASS PASS
6	Customer enters valid CustomerId and Password and clicks 'Ok'	Should authenticate the customer and load the Customer Menu Form	Same	
7	Customer clicks Cancel	Should unload Customer Login Form	Same	

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8	Customer clicks Register Now	Should load the Customer Registration Form	Same	PASS
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Integration Testing

SL.NO	USER ACTION	EXPECTED RESULTS	OBSERVED OUTPUT	TEST RESULTS
1	Customer enters valid CustomerId and Password and clicks 'Ok'	Should authenticate the customer and load the Customer Menu Form	Same	PASS
2	Customer clicks Cancel	Should unload Customer Login Form and load Main Form	Same	PASS
3	Customer clicks Register Now	Should load the Customer Registration Form	Same	PASS

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Customer Registration Form

CAMPCO LTD

Please fill in the following details

Name	Rahul
Number	9844244589
Address	Thokot
City	Mangalore
District	South Canara
State	Karnataka
Pin Code	574199
Email Id	

CAMPCO LTD

Enter Your EmailId

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Form Description

FIELD NAME	TYPE	DESCRIPTION
Name	TextBox	Field to enter the Customer's Name
Number	TextBox	Field to enter the Customer's Number
Address	TextBox	Field to enter the Customer's Address
City	TextBox	Field to enter the Customer's City
District	TextBox	Field to enter the Customer's District
State	TextBox	Field to enter the Customer's State
Pincode	TextBox	Field to enter the Pincode
EmailId	TextBox	Field to enter the Customer's EmailId
Save	Button	Saves the customer details
Cancel	Button	Exits the program

Integration Testing

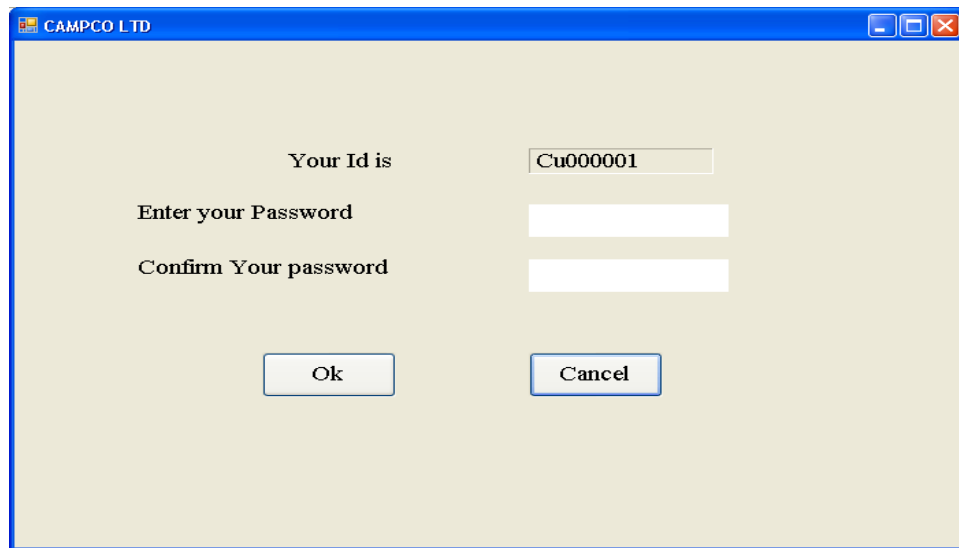
SL.NO	USER ACTION	EXPECTED RESULTS	OBSERVED OUTPUT	TEST RESULTS
1	Customer enters all the details except Name and clicks 'Save'	Should display the error message 'enter the name'	Same	PASS
2	Customer enters all the	Should display the	Same	PASS

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	details except Number and clicks 'Save'	error message 'enter the number'		
3	Customer enters all the details except address and clicks 'Save'	Should display the error message 'enter the address'	Same	PASS
4	Customer enters all the details except City and clicks 'Save'	Should display the error message 'enter the city'	Same	PASS
5	Customer enters all the details except District and clicks 'Save'	Should display the error message 'enter the district'	Same	PASS
6	Customer enters all the details except State and clicks 'Save'	Should display the error message 'enter the state'	Same	PASS
7	Customer enters all the values except EmailId and clicks 'Save'	Should display the error message 'enter your EmailId'	Same	PASS
8	After entering all the values customer clicks 'Save'	Must save the customer details and load the following Customer Id form	Same	PASS
9	Customer clicks cancel	Should exit the program	Same	PASS

Customer Id Form

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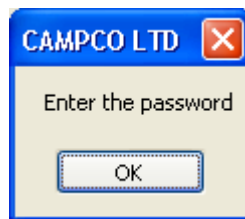
Windows window titled "CAMPCO LTD" with standard minimize, maximize, and close buttons.

Labels and input fields:

- Label: "Your Id is" followed by a text box containing "Cu000001".
- Label: "Enter your Password" followed by an empty text box.
- Label: "Confirm Your password" followed by an empty text box.

Buttons:

- "Ok" button
- "Cancel" button



Windows dialog box titled "CAMPCO LTD" with a close button.

Label and input field:

- Label: "Enter the password" followed by an empty text box.

Buttons:

- "OK" button

From Description

FIELD NAME	TYPE	DESCRIPTION
Id	Label	Field that displays the Customer Id
Enter Password	TextBox	Field that lets the customer to enter his password
Confirm Password	TextBox	Field that lets the customer to confirm his password
Ok	Button	Saves the CustomerId and password
Cancel	Button	Exits the program

Unit Testing

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SL.NO	USER ACTION	EXPECTED RESULTS	OBSERVED OUTPUT	TEST RESULTS
1	Customer does not enter Password and clicks 'Ok'	Should display an error message 'enter the password'	Same	PASS
2	Customer does not Confirm the Password and clicks 'Ok'	Should display an error message 'Confirm the Password'	Same	PASS
3	Customer enters and confirms the password and clicks 'Ok'	Should save the CustomerId and Password and load the customer login form	Same	PASS
4	Customer clicks 'Cancel'	Should exit the program	Same	PASS

Customer Menu Form

The screenshot shows a window titled "CAMPCO LTD" with a light beige background. At the top left, there are two labels: "CUSTOMER ID" and "CUSTOMER NAME". Next to "CUSTOMER ID" is a text box containing "Cuooooo1". Next to "CUSTOMER NAME" is a text box containing "Rahul". Below these, the word "Menu" is centered. There are seven buttons arranged in two columns: "Order", "Confirm", and "Bill" on the left; "View offers", "Confirmed Orders", and "Change Password" on the right. At the bottom center, there is an "Exit" button. The window has a blue title bar with standard Windows controls (minimize, maximize, close) on the right.

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Form Description

FIELD NAME	TYPE	DESCRIPTION
Order	Button	Loads the form which helps the customer in placing the orders
View Offers	Button	Loads the form which helps customer in viewing the offers given to him
Confirm	Button	Loads the form which helps the customer to confirm the orders placed by him
Confirmed Orders	Button	Loads the form that helps the customer to view the orders confirmed by him
Bill	Button	Loads the Bill form that gives bill details to the customer
Change Password	Button	Loads the form that helps the customer to change the password
Exit	Button	Exits the program

Unit Testing

SL.NO	USER ACTION	EXPECTED RESULTS	OBSERVED OUTPUT	TEST RESULTS
1	Customer clicks 'Order'	Should load the Order form that helps the customer in placing the orders	Same	PASS
2	Customer clicks 'View Offers'	Should load the View Offer form that displays the	Same	PASS

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		offers received by the customer		
3	Customer clicks 'Confirm'	Should load the Confirmation form which helps the customer in confirming the orders	Same	PASS
4	Customer clicks 'Confirmed Orders'	Should load the Confirmed Orders form which displays the orders confirmed by him	Same	PASS
5	Customer clicks 'Bill'	Should load the Bill Details form that gives the bill details to the customer	Same	PASS
6	Customer clicks 'Change Password'	Should load the form which helps the customer in changing password	Same	PASS
7	Customer clicks 'Exit'	Should Exit the program	Same	PASS

Integration Testing

SL.NO	USER ACTION	EXPECTED RESULTS	OBSERVED OUTPUT	TEST RESULTS
1	Customer clicks 'Order'	Should load the Order form	Same	PASS
2	Customer clicks 'View Offers'	Should load the View Offer form	Same	PASS
3	Customer clicks 'Confirm'	Should load the Confirmation form	Same	PASS
4	Customer clicks 'Confirmed Orders'	Should load the Confirmed Order form	Same	PASS

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5	Customer Clicks 'Bill'	Should load the Bill form	Same	PASS
6	Customer clicks Change Password	Should load the change password form	Same	PASS
7	Customer clicks 'Exit'	Should Exit the program	Same	PASS

Order form

CAMPCO LTD

Type: Red Mark: SS Variety: Mora

Product: Red SS Mora

Quantity: 10

Check Offer

Next Item Cancel

CAMPCO LTD

Please check for the offer

OK

Form Description

FIELD NAME	TYPE	DESCRIPTION
Type	ComboBox	Field to select the desired Type of

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		Arecanut
Mark	ComboBox	Field to select the desired Mark of Arecanut
Variety	ComboBox	Field to select the desired Variety of Arecanut
Product	Label	Displays the Product (Product=Type+Mark+Variety)
Quantity	TextBox	Field to enter the desired quantity of the product
CheckOffer	Button	Filed to check the offers given to the customer
NextItem	Button	Field to place the order for next item
Cancel	Button	Unloads the Order form and loads the Customer Menu form

Unit Testing

SL.NO	USER ACTION	EXPECTED RESULTS	OBSERVED OUTPUT	TEST RESULTS
1	Customer does not selects type, mark and variety and clicks 'Check Offer'	Should display an error message, 'select the desired type, mark and variety'	Same	PASS
2	Customer selects type and mark and does not select variety and clicks 'Check Offer'	Should display an error message, 'select the desired variety'	Same	PASS
3	Customer selects type and variety and does not select mark, and clicks 'Check offer'	Should display an error message, 'select the desired mark'	Same	PASS
4	Customer selects mark and variety and does not select type, and clicks 'Check offer'	Should display an error message, 'select the desired type'	Same	PASS

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5	Customer does not enter the quantity, and clicks 'Check offer'	Should display an error message, 'enter the quantity'	Same	PASS
6	Customer clicks 'next item' before clicking 'check offer'	Should display an error message, 'check for the offers first'	Same	PASS
7	Customer clicks 'next item'	Should clear all the fields and let the user to place order for next item	Same	PASS
8	Customer clicks 'Exit'	Should exit the program	Same	PASS

Integration Testing

SL.NO	USER ACTION	EXPECTED RESULTS	OBSERVED OUTPUT	TEST RESULTS
1	Customer does not enter either type, mark, variety or/and quantity And clicks 'check offer'	Should display an error message, 'select the desired type or/and mark or/and variety or/and quantity'	Same	PASS
2	Customer selects the type, mark, variety and quantity and clicks 'check offer'	Should load the following Offer form	Same	PASS
3	Customer clicks 'next item'	Should clear all the fields and let the user to place order for next item	Same	PASS
4	Customer clicks 'Exit'	Should exit the program	Same	PASS

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Offer form

CAMPCO LTD

You placed the following orders

Type Mark Variety

Product

Quantity

Order Number

The following are the Offers recieved by you

Type Mark Variety

Product

Quantity

Rate/Quintal

Token Number

CAMPCO LTD

Please confirm your orders within 24 hours else your orders will be cancelled

Form Description

FIELD NAME	TYPE	DESCRIPTION
Type	Label	Field that displays the type of arecanut
Mark	Label	Field that displays the mark of arecanut
Variety	Label	Field that displays the variety of arecanut
Product	Label	Field that Displays the Product (Product=Type+Mark+Variety)

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Quantity	Label	Field that displays the quantity
Order number	Label	Field that displays the order number
Rate/quintal	Label	Field that displays that displays the rate per quintal of the product
Token number	Label	Field that displays the Token number
Ok	Button	Loads the message box that gives the notification for confirmation
Cancel	Button	Loads the message box displaying the message 'your order will be cancelled'

Integration testing

1	Customer clicks 'OK'	Should load the message box that gives notification for confirmation of the orders placed by the customer	Same	PASS
2	Customer clicks 'Cancel'	Loads the message box displaying the message 'your order will be cancelled'	Same	PASS

View offer

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Token number	order number	Product	quantity	rate/quintal	order date	order time
tk000001	or000001	Red SS Mora	10	80000	3/2/2009	02:30 PM

Form Description

FIELD NAME	TYPE	DESCRIPTION
Customer Id	Label	Displays the customer id
CustomerName	Label	Display the Customer Name
Token number	DataGridView	Displays the Token number in token number column
Order number	DataGridView	Displays the order number in order number column
Product	DataGridView	Displays the product in product column
Quantity	DataGridView	Displays the quantity in quantity column
Rate/Quintal	DataGridView	Displays the Rate per quintal in Rate/quintal column
Order Date	DataGridView	Displays the date of order
Order Date	DataGridView	Displays the time of order
Exit	Button	Exits the program

Integration Testing

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1	Customer clicks 'Exit'	Should unload the view offer form and load the customer menu form	Same	PASS
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Confirmation Form

CAMPCO LTD

CUSTOMER ID

CUSTOMER NAME

The following are the offers recieved by you

	Token number	order number	Product	quantity	rate/quintal	order date	ordertime
**	tk000001	or000001	Red SS Mora	10	80000	3/2/2009	02:30 PM

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Form Description

FIELD NAME	TYPE	DESCRIPTION
Customer Id	Label	Displays the customer id
Customer Name	Label	Displays the customer name
Order number	DataGridView	Displays the order number in order number column
Token number	DataGridView	Displays the Token number in token number column
Product	DataGridView	Displays the product in product column
Quantity	DataGridView	Displays the quantity in quantity column
Rate/Quintal	DataGridView	Displays the Rate per quintal in Rate/quintal column
Order date	DataGridView	Displays the date of order
Order time	DataGridView	Displays the time of order
Confirm	Button	Lets the customer to confirm the selected orders
Exit	Button	Exits the program

Unit testing

1	Customer does not select the orders placed by him and clicks 'confirm'	Should display an error message 'select the orders placed by you'	Same	PASS
2	Customer selects the orders placed by him and clicks 'confirm'	Must load the message box displaying the message about the confirmation	Same	PASS
3	Customer clicks Exit	Should unload the confirmation form and load the main menu form		

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Integration testing

1	Customer selects the orders placed by him and clicks 'confirm'	Must load the message box displaying the message about the confirmation	Same	PASS
2	Customer clicks Exit	Should unload the confirmation form and load the main menu form		

Form to load the confirmed orderform

The screenshot shows a Windows application window titled "Form1". The form has a light beige background and a blue border. It contains the following elements:

- CUSTOMER ID:** A text box containing the value "cu000001".
- CUSTOMER NAME:** A text box containing the value "rahul".
- Enter your order number:** A label followed by a text box containing the value "or000001".
- Buttons:** Three buttons are located at the bottom: "OK", "Clear", and "Cancel".

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From Description

FIELD NAME	TYPE	DESCRIPTION
CustomerId	Label	Field that displays the customerId
Customer Name	Label	Field that displays the customer name
Enter order number	TextBox	Field that prompts the customer to enter his order number
Ok	Button	Loads confirmed orders form
Clear	Button	Clears the Order number
Exit	Button	Unloads the above form and loads the main menu form

Unit Testing

SL.NO	USER ACTION	EXPECTED RESULTS	OBSERVED OUTPUT	TEST RESULTS
1	Customer does not enter the order number and clicks 'Ok'	Should display an error message, 'enter the order number'	Same	PASS
2	Customer enters the order number and clicks 'Ok'	Should load the confirmed order form	Same	PASS
3	Customer clicks 'cancel'	Should unload the above form and load the Customer Menu Form	Same	PASS

Integration Testing

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SL.NO	USER ACTION	EXPECTED RESULTS	OBSERVED OUTPUT	TEST RESULTS
1	Customer enters the order number and clicks 'Ok'	Should load the confirmed order form	Same	PASS
2	Customer clicks 'cancel'	Should unload the above form and load the Customer Menu Form	Same	PASS

Confirmed Order Form

Form1

CUSTOMER ID: cu000001

CUSTOMER NAME: Rahul

Token number	confirmation number	Product	quantity	rate/quintel	order date	ordertime	Confirmationdate	Confirmation time
tk000001	cn000001	Red SS Mosa	10	8000	3/2/2009	02:30 PM	3/2/2009	04:30 PM

Exit

FIELD NAME	TYPE	DESCRIPTION
CustomerId	Label	Field that displays the customer Id
Customer Name	Label	Field that displays the customer name
Token number	DataGridView	Displays the token number in token number column
Confirmation number	DataGridView	Displays the confirmation number in token number column
Product	DataGridView	Displays the Product in token product column
Quantity	DataGridView	Displays the quantity in quantity column

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Rate/Quintal	DataGridView	Displays the Rate per quintal in Rate/quintal column
Order Date	DataGridView	Displays the date of Order
Order Time	DataGridView	Displays the time of Order
Confirmation Date	DataGridView	Displays the date of confirmation
Confirmation Time	DataGridView	Displays the time of confirmation
Exit	Button	Unloads the confirmed order form and loads the main menu form

Integration testing

1	Customer clicks 'Exit'	Should unload the above form and load main menu form	Same	PASS
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On click of bill on Customer Menu Form load the following form

The screenshot shows a Windows application window titled "Form1". Inside the window, there are four text input fields arranged vertically. The first field is labeled "CUSTOMER ID" and contains the text "cu000001". The second field is labeled "CUSTOMER NAME" and contains the text "Rahul". The third field is labeled "Enter your order number" and contains the text "or000001". The fourth field is labeled "Enter your confirmation number" and contains the text "cn000001". Below these fields, there are three buttons: "Show Bill", "Clear", and "Cancel". The "Show Bill" button is highlighted with a blue border.

Form Description

FIELD NAME	TYPE	DESCRIPTION
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Customer Id	Label	Field that displays the customer Id
Customer Name	Label	Field that displays the customer name
Enter your order number	TextBox	Field that prompts the customer to enter his order number
Enter your Confirmation number	TextBox	Field that prompts the customer to enter his Confirmation number
Show Bill	Button	Loads the following Bill Details Form
Clear	Button	Clears the Order and confirmation number
Cancel	Button	Unloads the above form and loads the main menu form

Unit Testing

1	Customer does not enter the order number and clicks 'Show Bill'	Should display an error message 'enter the order number'	Same	PASS
2	Customer enters the invalid order number and clicks 'Show Bill'	Should display an error message 'the order number is invalid'	Same	PASS
3	Customer does not enter the confirmation number and clicks 'Show Bill'	Should display an error message 'enter the confirmation number'	Same	PASS
4	Customer enters the invalid confirmation number and clicks 'Show Bill'	Should display an error message 'the confirmation number is invalid'	Same	PASS
5	Customer enters the	Should load the Bill		

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	valid Order number confirmation number and clicks 'Show Bill'	form		
6	Customer clicks 'Exit'	Should unload the above form and load main menu form	Same	PASS
7	Customer clicks 'Clear'	Should clear order Number and Confirmation Number	Same	PASS

Integration testing

1	Customer enters the valid Order number confirmation number and and clicks 'Show Bill'	Should load the bill form		
2	Customer clicks 'Exit'	Should unload the above form and load main menu form	Same	PASS
3	Customer clicks 'Clear'	Should clear order Number and Confirmation Number	Same	PASS

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Bill Details form

CAMPCO LTD

CUSTOMER ID

CUSTOMER NAME

CONFIRMATION NUMBER

ORDER NUMBER

	Bill number	Particulars	Quantity	Rate/Quintel
▶	bl000001	Red SS Mora	10	8000
*				

CST

Handling Charges

Packing Charges

VAT@4

Total Amount

FIELD NAME	TYPE	DESCRIPTION
CustomerId	Label	Field that displays the customer Id

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Customer Name	Label	Field that displays the customer name
Confirmation number	Label	Field that displays the confirmation
Order number	Label	Field that displays the order number
Particulars	DataGridView	Displays the product in Particulars column
Quantity	DataGridView	Displays the quantity in quantity column
Rate/Quintal	DataGridView	Displays the Rate per quintal in Rate/quintal column
Bill number	DataGridView	Displays the Bill number in Bill number column
CST	Label	Displays the CST
Handling charges	Label	Displays the Handling charges
Packing Charges	Label	Displays the Packing Charges
VAT	Label	Displays the Value Added Tax
Total Amount	Label	Displays the Total Amount
Print	Button	Lets the Customer to print the Bill form
Exit	Button	Unloads the Bill form and loads the Customer Main menu form

Integration testing

1	On Select Of the Particulars Ordered by the customer	Should display the total amount and the charges	Same	PASS
2	On click of 'Print'	Should let the customer to print the bill	Same	PASS
3	Customer clicks 'Exit'	Should unload the above form and	Same	PASS

SALES ORDER MANAGEMENT SYSTEM

		load main menu form		
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On click of change password load the following form

FIELD NAME	TYPE	DESCRIPTION
Enter your Id	TextBox	Field that prompts the customer to enter Customer's Id
Enter your old password	TextBox	Field that prompts the customer to enter Customer's old password
Enter your new password	TextBox	Field that prompts the customer to enter his new password
Confirm your new password	TextBox	Field that prompts the customer to confirm his new password
Ok	Button	Replaces the old password with the new password
Clear	Button	Clears the fields
Cancel	Button	Unloads the above form and loads the customer main menu form

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Customer details

Form Description:

Field Name	Type	Description
Customer name	TextBox	Field To enter the customer name
Email ID	TextBox	To enter Email ID
Contact_no	TextBox	To enter contact number
Address	TextBox	To enter the address
City	TextBox	To enter the city name
District	TextBox	To enter the district name
State	TextBox	To enter the state name
OK	Button	To save the details of customer in database and loads the generated id form
Cancel	Button	Unloads the customer details form and loads the login form

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Test cases:

Unit testing

Sl.No	User Action	Expected Result
1	Customer enters all the details except name and clicks 'OK'	Should display the message box 'Name field must not be left blank'
2	Customer enters all the details except contact number and clicks 'OK'	Should display the message box 'No field must be left blank'
3	Customer enters all the details except address and clicks 'OK'	Should display the message box 'No field must be left blank'
4	Customer enters all the details except city and clicks 'OK'	Should display the message box 'No field must be left blank'
5	Customer enters all the details except district and clicks 'OK'	Should display the message box 'No field must be left blank'
6	Customer enters all the details except state and clicks 'OK'	Should display the message box 'No field must be left blank'
7	After entering all the values customer clicks on 'OK'	Customer details must be added to the data base along with customer ID and should load the form to enter the password
8	Customer clicks on 'Cancel'	Should exit the program

