#### **Main Form**

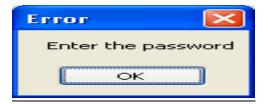


## **Form Description**

FIELD NAME	ТҮРЕ	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

## **Customer Login From**





## **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

## **Unit Testing**

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

8	3	Customer clicks	Should load the	Same	PASS
		Register Now	Customer		
			Registration Form		

## **Integration Testing**

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

## **Customer Registration Form**

<b>■</b> CAMPCO LTD		
Please fill in the following details		
Name	Rahul	
Number	9844244589	
${f Address}$	Thokot	
City	Mangalore	
District	South Canara	
State	Karnataka	
Pin Code	574199	
Email Id		
Save	Cancel	



# **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	Should display the	Same	PASS
	details except Name	error message		
	and clicks 'Save'	'enter the name'		
2	Customer enters all the	Should display the	Same	PASS

	details except Number	error message		
	and clicks 'Save'	'enter the number'		
3	Customer enters all the	Should display the	Same	PASS
	details except address	error message		
	and clicks 'Save'	'enter the address'		
4	Customer enters all the	Should display the	Same	PASS
	details except City and	error message		
	clicks 'Save'	'enter the city'		
5	Customer enters all the	Should display the	Same	PASS
	details except District	error message		
	and clicks 'Save'	'enter the district'		
6	Customer enters all the	Should display the	Same	PASS
	details except State and	error message		
	clicks 'Save'	'enter the state'		
7	Customer enters all the	Should display the	Same	PASS
	values except EmailId	error message		
	and clicks 'Save'	'enter your		
		EmailId'		
8	After entering all the	Must save the	Same	PASS
	values customer clicks	customer details		
	'Save'	and load the		
		following Customer		
		Id form		
9	Customer clicks cancel	Should exit the	Same	PASS
		program		
		1	•	

**Customer Id Form** 





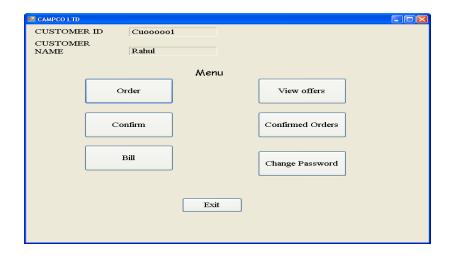
## **From Description**

FIELD NAME	ТҮРЕ	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**

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**



## **Form Description**

FIELD NAME	ТҮРЕ	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	OBSERVED	TEST
		RESULTS	OUTPUT	RESULTS
1	Customer clicks	Should load the	Same	PASS
	'Order'	Order form that		
		helps the customer		
		in placing the		
		orders		
2	Customer clicks 'View	Should load the	Same	PASS
	Offers'	View Offer form		
		that displays the		

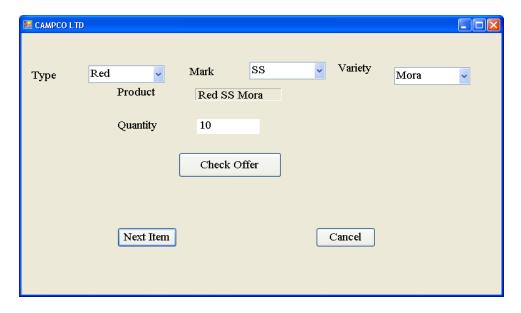
		offers received by		
		the customer		
3	Customer clicks	Should load the	Same	PASS
	'Confirm'	Confirmation form		
		which helps the		
		customer in		
		confirming the		
		orders		
4	Customer clicks	Should load the	Same	PASS
	'Confirmed Orders'	Confirmed Orders		
		form which		
		displays the orders		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

# **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

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





## **Form Description**

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

		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

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

# **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
7	Customer clicks 'Exit'	Should exit the program	Same	PASS

#### Offer form





#### **Form Description**

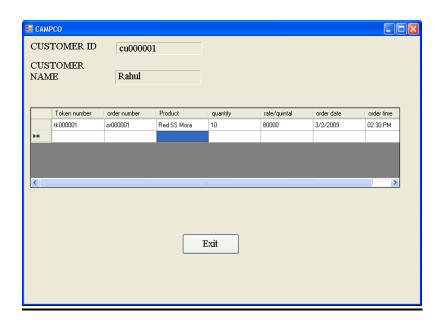
FIELD NAME	ТҮРЕ	DESCRIPTION
Туре	Label	Field that displays the type of
		arecanut
Mark	Label	Field that displays the mark of
		arecanut
Variety	Label	Field that displays the variety of
		arecanut
Product	Label	Field that Displays the Product
		(Product=Type+Mark+Variety)

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

## **Intergartion testing**

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

## View offer



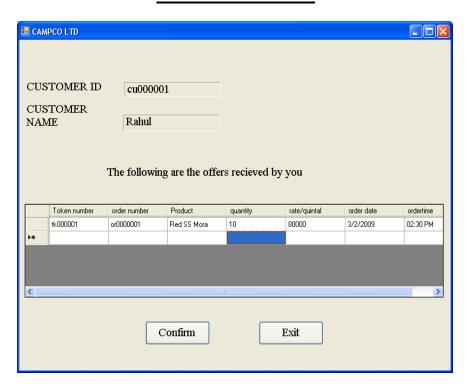
## **Form Description**

FIELD NAME	ТҮРЕ	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**

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

## **Confirmation Form**



## **Form Description**

FIELD NAME	ТҮРЕ	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	Should display an	Same	PASS
	select the orders placed	error message		
	by him and clicks	'select the orders		
	'confirm'	placed by you'		
2	Customer selects the	Must load the	Same	PASS
	orders placed by him	message box		
	and clicks 'confirm'	displaying the		
		message about the		
		confirmation		
3	Customer clicks Exit	Should unload the		
		confirmation form		
		and load the main		
		menu form		

#### **Integration testing**

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

# Form to load the confirmed order form

<b>⊞</b> Form1					X
CUSTOMER ID	cu000001				
CUSTOMER NAME	rahul				
Enter your ord	er number	or0l	00001		
OK		Clear	(	Cancel	

## **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

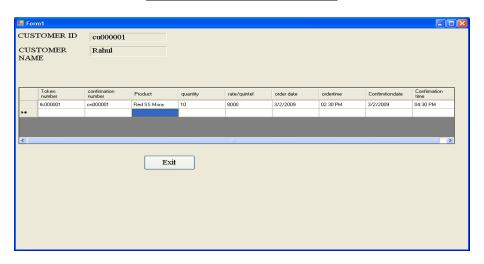
## **Unit Testing**

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**

SL.NO	USER ACTION	EXPECTED	OBSERVED	TEST
		RESULTS	OUTPUT	RESULTS
		<u> </u>	~	7.466
1	Customer enters the	Should load the	Same	PASS
	order number and clicks	confirmed order		
	'Ok'	form		
2	Customer clicks 'cancel'	Should unload the	Same	PASS
		above form and		
		load the Customer		
		Menu Form		

## **Confirmed Order Form**



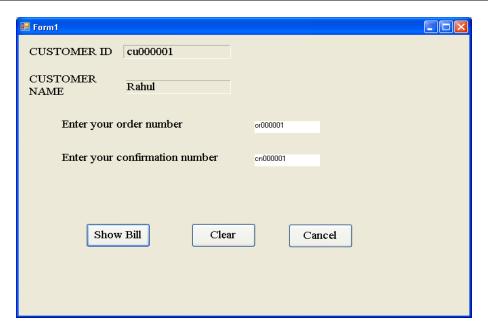
FIELD NAME	ТҮРЕ	DESCRIPTION
CustomerId	Label	Field that displays the customer Id
Customer Name	Label	Field that displays the customer
		name
Token number	DataGridView	Displays the token number in
		token number column
Confirmation number	DataGridView	Displays the confirmation number
		in token number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

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	Same	PASS
		above form and		
		load main menu		
		form		

#### On click of bill on Customer Menu Form load the following form



## **Form Description**

FIELD NAME	TYPE	DESCRIPTION
------------	------	-------------

Customer Id	Label	Field that displays the customer Id
Customer Name	Label	Field that displays the customer
		name
Enter your order	TextBox	Field that prompts the customer to
number		enter his order number
Enter your	TextBox	Field that prompts the customer to
Confirmation number		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**

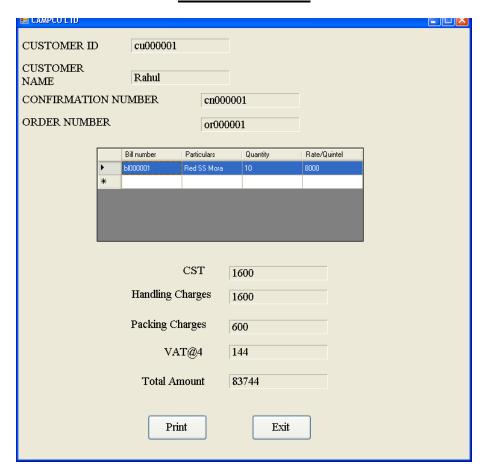
1	Customer does not enter	Should display an	Same	PASS
	the order number and	error message		
	clicks 'Show Bill'	'enter the order		
		number'		
2	Customer enters the	Should display an	Same	PASS
	invalid order number	error message 'the		
	and clicks 'Show Bill'	order number is		
		invalid'		
3	Customer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

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

# **Integration testing**

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

#### **Bill Details form**



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

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

	load main menu	
	form	

## On click of change password load the following form

FIELD NAME	ТҮРЕ	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 fileds
Cancel	Button	Unloads the above form and loads
		the customer main menu form

Customer details

## **Form Description:**

Field Name	Туре	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

#### **Test cases:**

# **Unit testing**

SI.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'	'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

# **Integration testing**

7	After entering all the values	Customer details must be added to the
	customer clicks on 'OK'	data base along with customer ID and
		should load the following form.
8	Customer clicks on 'Cancel'	Should exit the program