

Sales Outlet Management System

**Project Document Submitted By
D.L.C.Amarasinghe (962291465V)
To The
Software Engineering Panel**

In partial fulfilment of the requirement
For passing 1st Semester software project

Software Engineering Level 1
of The

Institute of Java & Software Engineering



2017

Content

No	Title	Page No
1.	Usecase Diagram	1
2.	Entity Relationship Diagram	2
3.	User Interfaces	3-22
3.1.	User Login	3
3.2.	Place Order - Retail Panel	4-5
3.3.	Place Order – WholeSale Panel	6-8
3.4.	Place Good Receive Note	9-11
3.5.	Customer Payment Panel	12-14
3.6.	Supplier Payment Panel	15-16
3.7.	Manage Customer Panel	17
3.8.	Manage Product Panel	18
3.9.	Manage Supplier Panel	19
3.10.	Daily Sales Report Dialog	20-21
3.11.	Essential Reports Dialog	22
4.	User Friendly Features	22

3. User Interfaces

3.1. User Login



The screenshot shows a software window titled "RUHUNU RASARA Sales Outlet Teller System". The window features a background image of various fruits. At the top left is a logo with the text "RUHUNU RASARA" and "Marketing & Financing" below it. The main title "RUHUNU RASARA Sales Outlet" is in a yellow box, and "Teller System" is in another yellow box below it. There are two input fields: "USER ID" with the value "0134611" and "PASSWORD" with the value "*****". Below these fields are two buttons: "LOGIN" (light blue) and "CANCEL" (pink). At the bottom, a small text line reads "Department of Agriculture 2017 @ copyright All Rights Reserved".

Figure 3.1.1

User can get the access to the system by entering User ID and its corresponding password correctly. If any user enters his/her username and password the system automatically recognize the account and the user is allowed to enter to the system. (Figure 3.1.1)

3.2. Place Order - Retail Panel

Place Order - Retail

Order ID: D1015 Order Date: 2017-09-15

Transaction Date: Fri 2017.09.15

Product Code: P1009 Description: Youghurt Unit Qty: 1

Selling U/Price Rs. 30.0 Qty: Discount: 0.00 Qty On Hand: 235.0

Product Code	Description	Unit Qty	Selling U/Price	Qty	Amount	Discount
P1002	Broiler Chicken	1 kg	410	1	410	5
P1004	Papaw	1 kg	100	0.5	50	0
P1007	Butter Cake	1 kg	450	1	450	6
P1008	Curd	1	160	2	320	4
P1009	Youghurt	1	30	5	150	5

No of Products: 5 Total Amount and Total Discount: 1380.0 - 20.0

NET AMOUNT: 1360.0

Remove Item **Add Order**

Figure 3.2.1

RUHUNU RASARA Sales Outlet
Labuduwa Government Farm
Labuduwa, Akmeemana, Galle
TEL NO :- 0912235559

ORDER ID : D1015 PAYMENT ID : CP1015 ORDER DATE : 2017-09-15

CUSTOMER ID : null

Code	Description	Unit Qty	Qty	Unit Price	Net Total
P1002	Broiler Chicken	1 kg	1.000	410.00	405.00000
P1004	Papaw	1 kg	0.500	100.00	50.00000
P1007	Butter Cake	1 kg	1.000	450.00	444.00000
P1008	Curd	1	2.000	160.00	316.00000
P1009	Youghurt	1	5.000	30.00	145.00000

TOTAL BILL VALUE : 1380.00
Total Discount : 20.00
NET BILL VALUE : 1360.00
NO OF PRODUCTS : 5 IS PAYED : NotPaid

DATE : September 15, 2017 TIME : 08:14

THANK YOU COME AGAIN

Page 1 of 1

Figure 3.2.2

When a customer comes to the shop to buy goods for retail, user should use the panel 'Place Order-Retail'.

Order ID(Label)

The system automatically generates the corresponding Order ID which should come next and it is loaded to the Order ID label. (Figure 3.2.1)

Product Code(Combo Box)

Product Codes of the Product table have loaded to the 'Product Code' combo box. When user selects an item code, other fields(description, unit qty, selling unit price and qty on hand) fill automatically at the same time with reference to the selected product code. (Figure 3.2.1)

So, user can select the required products by going through the description.

Order Table

After filling qty and discount, user can put these product details into the 'List of Products' table. Product Count, Total Amount, Total Discount, Net Amount update simultaneously, when user adds these product details. (Figure 3.2.1)

If system user adds a product which was previously added to the 'List of Products' table, that product record updates in that table.

Remove Item(Button)

User can remove a record from 'List of Products' table by using this button.


Add Order(Button)

Adding payment details to the Customer Payment table, order to the Orders table, order details to the Order Detail table and updating product stock of the Product table, occur in relation to the database by clicking on this button.

After that, an invoice is also generated including all the details. (Figure 3.2.2)

Data validation features have been added to this panel. User can not enter product details to the 'List of Products' table, if user has typed an invalid qty or an invalid discount to the text fields. System user has to enter correct data to those text fields to proceed.

3.3. Place Order – Wholesale Panel



RUHUNU RASARA
Assessing & Processing

Ruhunu Rasara Sales Outlet

Transaction Date: **Fri 2017.09.15**

[Home Page](#)

[Place Order \(Retail\)](#)

[Place Order \(Wholesale\)](#)

[Good Receive Note](#)

[Customer Payment](#)

[Supplier Payment](#)

[Manage Customer](#)

[Manage Products](#)

[Manage Supplier](#)

[Transaction Reports](#)

[Essential Reports](#)

[Log Out](#)

Place Order - Wholesale

Order ID: **D1016**
Order Date: **2017-09-15**

Customer ID: **C1008**
Customer Name: **Ms. K.D.C.L.De Silva**

Product Code: **P1008**
Description: **Curd**
Unit Qty: **1**

Selling U/Price Rs. **155.0**
Qty:
Discount: **0.00**
Qty On Hand: **37.0**

Product Code	Description	Unit Qty	Selling U/Price	Qty	Amount	Discount
P1002	Broiler Chicken	1 kg	400	5.0	2,000	0
P1003	Pork	1 kg	500	4.0	2,000	10
P1007	Butter Cake	1 kg	440	10.0	4,400	5
P1009	Youghurt	1	28	60.0	1,680	15
P1008	Curd	1	155	15.0	2,325	10

No of Products: **5**
Total Amount and Total Discount: **12405.0 - 40.0**
NET AMOUNT: 12365.0

[Remove Item](#)
[Add Order](#)

Figure 3.3.1

RUHUNU RASARA Sales Outlet

Labuduwa Government Farm
Labuduwa, Akmeemana, Galle
TEL NO :- 0912235559

ORDER ID : **D1016** PAYMENT ID : **CP1016** ORDER DATE : **2017-09-15**
CUSTOMER ID : **C1008**

Code	Description	Unit Qty	Qty	Unit Price	Net Total
P1002	Broiler Chicken	1 kg	5.000	400.00	2000.00000
P1003	Pork	1 kg	4.000	500.00	1990.00000
P1007	Butter Cake	1 kg	10.000	440.00	4395.00000
P1008	Curd	1	15.000	155.00	2315.00000
P1009	Youghurt	1	60.000	28.00	1665.00000

TOTAL BILL VALUE : **12405.00**
Total Discount : **40.00**
NET BILL VALUE : 12365.00
NO OF PRODUCTS : **5** IS PAYED : **NotPaid**

DATE : **September 15, 2017** TIME : **08:18**

THANK YOU COME AGAIN

Figure 3.3.2

When a customer come to the shop to buy goods for WholeSale, user should use the panel 'Place Order-WholeSale'.

Customer ID(Combo Box)

Customer IDs of the Customer table have loaded to the customer ID combo box. When user selects a customer ID, customer name text field fills automatically at the same time with reference to the selected customer ID. (Figure 3.3.1)

So, user can select customers by going through their name.

Order ID(Label)

The system automatically generates the corresponding Order ID which should come next and it is loaded to the Order ID label. (Figure 3.3.1)

Product Code(Combo Box)

Product Codes of the Product table have loaded to the 'Product Code' combo box. When user selects an item code, other fields(description, unit qty, selling unit price and qty on hand) fill automatically at the same time with reference to the selected product code. (Figure 3.3.1)

So, user can select the required products by going through the description.

Order Table

After filling qty and discount, user can put these product details into the 'List of Products' table. Product Count, Total Amount, Total Discount, Net Amount update simultaneously, when user adds these product details. (Figure 3.3.1)

If system user adds a product which was previously added to the 'List of Products' table, that product updates in that table.

Remove Item(Button)

User can remove a record from 'List of Products' table by using this button.


Add Order(Button)

Adding payment details to the Customer Payment table, order to the Orders table, order details to the Order Detail table and updating product stock of the Product table, occur in relation to the database by using this button.

After that, an invoice is also generated including all the details. (Figure 3.3.2)

Data validation features have been added to this panel. User can not enter product details to the 'List of Products' table, if user has typed an invalid qty or an invalid discount to the text fields. System user has to enter correct data to those text fields to proceed.

3.4. Place Good Receive Note



RUHUNU RASARA
Agriculture & Horticulture

Ruhunu Rasara Sales Outlet

Transaction Date: **Fri 2017.09.15**

Home Page

Place Order (Retail)

Place Order (Wholesale)

Good Receive Note

Customer Payment

Supplier Payment

Manage Customer

Manage Products

Manage Supplier

Transaction Reports

Essential Reports

Log Out

Place Good Receive Note

Good Receive Note ID: **D1007**

Supplier ID: **S1004**

Product Code: **P1008**

U/Price (Wholesale) Rs.: **155.0**

Unit Qty: **1**

Qty On Hand: **22.0**

GRN Date: **2017-09-15**

Supplier Name: **Weehena Farm**

Description: **Curd**

U/Price (Retail) Rs.: **160.0**

Buying U/Price Rs.: **150.0**

Buying Qty:

List of Products

Product Code	Description	Unit Qty	Buying U/Price	Buying Qty	Amount
P1002	Broiler Chicken	1 kg	390	20	7,800
P1003	Pork	1 kg	480	25	12,000
P1006	Mango	1 kg	115	10	1,150
P1004	Papaw	1 kg	90	15	1,350
P1008	Curd	1	150	25	3,750

No of Products: **5**

Total Amount: **26050.0**

Remove Item

Add GR Details

Figure 3.4.1

RUHUNU RASARA Sales Outlet

Labuduwa Government Farm
Labuduwa, Akmeemana, Galle
TEL NO :- 0912235559

ORDER ID : D1007 PAYMENT ID : SP1008 ORDER DATE : 2017-09-15

SUPPLIER ID : S1004 SUPPLIER NAME : Weehena Farm

Code	Description	Unit Qty	Qty	Unit Price	Net Total
P1002	Broiler Chicken	1 kg	20.000	390.00	7800.00000
P1003	Pork	1 kg	25.000	480.00	12000.00000
P1004	Papaw	1 kg	15.000	90.00	1350.00000
P1006	Mango	1 kg	10.000	115.00	1150.00000
P1008	Curd	1	25.000	150.00	3750.00000

TOTAL BILL VALUE : 26050.00

NO OF PRODUCTS : 5 **PAYED STATUS : NotPaid**

DATE : September 15, 2017 **TIME : 08:29**

THANK YOU COME AGAIN

Figure 3.4.2

When a supplier comes to the shop to supply goods, system user should use the panel 'Place Good Receive Note'.

Good Receive Note ID(Label)

The system automatically generates the corresponding GRN ID which should come next and it is loaded to the GRN ID label. (Figure 3.4.1)

Supplier ID(Combo Box)

Supplier IDs of the Supplier table have loaded to the supplier ID combo box. When user selects a supplier ID, 'Supplier Name' text field fills automatically at the same time with reference to the selected supplier ID. (Figure 3.4.1)

So, user can select the supplier by going through their name.

Product Code(Combo Box)

Product Codes of the Product table have loaded to the 'Product Code' combo box. When user selects an item code, other fields(description, unit qty, selling unit price and qty on hand) fill automatically at the same time with reference to the selected product code. (Figure 3.4.1)

So, user can select the required products by going through the description.

Order Table

After filling qty and discount, user can put these product details into the 'List of Products' table. Product Count, Total Amount update simultaneously, when user adds these product details. (Figure 3.4.1)

If system user adds a product which was previously added to the 'List of Products' table, that product updates in that table.

Remove Item(Button)

User can remove a record from 'List of Products' table by using this button.


Add Order(Button)

Adding payment details to the Customer Payment table, order to the Supplier Orders table, good receive details to the Good Receive Detail table and updating product stock of the Product table, occur in relation to the database by using this button.

After that, an invoice is also generated including all the details. (Figure 3.4.2)

Data validation features have been added to this panel. User can not enter product details to the 'List of Products' table, if user has typed an invalid buying qty or an invalid buying unit price to the text fields. System user has to enter correct data to those text fields to proceed.

3.5. Customer Payment Panel

**RUHUNU RASARA**
Assessing & Prioritizing

Ruhunu Rasara Sales Outlet

Transaction Date **Sun 2017.09.10**

Home Page

Place Order (Retail)

Place Order (WholeSale)

Good Receive Note

Customer Payment

Supplier Payment

Manage Customer

Manage Products

Manage Supplier

Transaction Reports

Essential Reports

Log Out

Customer Payments

Order ID **D1008** Payment ID **CP1008** Payment Date **2017-09-10**

Total Bill Value Rs. **2120.0** No of Products **3**

Net Bill Value Rs. **2120.0** Total Discount Rs. **0.0**

☒ CASH PAYMENTS


Cash Rs. **2500** Balance Rs. **380.0**

☐ CHEQUE PAYMENTS

Cheque No. Bank-Branch Code

PRINT BILL

Figure 3.5.1

**RUHUNU RASARA**
Assessing & Prioritizing

Ruhunu Rasara Sales Outlet

Transaction Date **Sun 2017.09.10**

Home Page

Place Order (Retail)

Place Order (WholeSale)

Good Receive Note

Customer Payment

Supplier Payment

Manage Customer

Manage Products

Manage Supplier

Transaction Reports

Essential Reports

Log Out

Customer Payments

Order ID **D1008** Payment ID **CP1008** Payment Date **2017-09-10**

Total Bill Value Rs. **2120.0** No of Products **3**

Net Bill Value Rs. **2120.0** Total Discount Rs. **0.0**

☐ CASH PAYMENTS

Cash Rs. Balance Rs.

☒ CHEQUE PAYMENTS

Cheque No. **451289** Bank-Branch Code **7010003**

PRINT BILL

Figure 3.5.2

Customer Bill

RUHUNU RASARA Sales Outlet
 Labuduwa Government Farm
 Labuduwa, Akmeemana, Galle
 TEL NO :- 0912235559

ORDER ID : D1008 PAYMENT ID : CP1008 ORDER DATE : 2017-08-12

Code	Description	Unit Qty	Qty	Unit Price	Discount	Net Total
P1001	Elaikiri	1 Liter	4.000	80.00	0.00	320.00000
P1002	Broiler Chicken	1 kg	2.000	400.00	0.00	800.00000
P1003	Pork	1 kg	2.000	500.00	0.00	1000.00000

TOTAL BILL VALUE 2120.00
 Total Discount 0.00
NET BILL VALUE 2120.00
 NO OF PRODUCTS 3

Cheque No 451289 Bank-Branch 7010003

DATE : September 10, 2017 TIME : 13:14

THANK YOU COME AGAIN

Page 1 of 1

Figure 3.5.3

When a customer wants to pay for the invoice, system user can use this panel.

Order ID(Combo Box)

All the Order IDs related to the orders that are not paid, load to this combo box.

So, the system user can select the relevant Order ID with the help of the invoice.

(Figure 3.5.1)

Consequently relevant payment ID, total bill value, net bill value, total discount and No of products also load to the labels of payment ID, total bill value, net bill value, total discount, No of products respectively. (Figure 3.5.1)

Cash Payments(Radio Button)

User can select 'Cash Payments' radio button, if customer makes payments from cash. When user enters cash amount that is paid, balance is calculated automatically in the 'Balance' text field. (Figure 3.5.1)

Cheque Payments(Radio Button)

User can select this radio button, if customer makes payments from cheques.

System user can enter the cheque No and the bank – branch code for relevant text fields.

(Figure 3.5.2)


After that, a bill is generated including all the details. (Figure 3.5.3)

Data validation features have been added to this panel. User can't print the bill, if cash amount is less than the net bill value or entries are invalid for the text fields of Cash, Cheque No, Bank – Branch Code.

System user has to enter appropriate data to those text fields to proceed.

3.6. Supplier Payment Panel

Dash Board

**RUHUNU RASARA**
Assessing & Prioritizing

Ruhunu Rasara Sales Outlet

Transaction Date **Mon 2017.09.11**

[Home Page](#)

[Place Order \(Retail\)](#)

[Place Order \(Wholesale\)](#)

[Good Receive Note](#)

[Customer Payment](#)

[Supplier Payment](#)

[Manage Customer](#)

[Manage Products](#)

[Manage Supplier](#)

[Transaction Reports](#)

[Essential Reports](#)

[Log Out](#)

Supplier Payments

GRN ID **D1003** Payment ID **SP1004** Payment Date **2017-09-11**

Total Bill Value Rs. **7950.0** No of Products **3**

☒ CASH PAYMENTS

Cash Rs. **8000** Balance Rs. **50.0**


☐ CHEQUE PAYMENTS

Cheque No. Amount Rs. **7950.0**

ACCEPT

Figure 3.6.1

Dash Board

**RUHUNU RASARA**
Assessing & Prioritizing

Ruhunu Rasara Sales Outlet

Transaction Date **Mon 2017.09.11**

[Home Page](#)

[Place Order \(Retail\)](#)

[Place Order \(Wholesale\)](#)

[Good Receive Note](#)

[Customer Payment](#)

[Supplier Payment](#)

[Manage Customer](#)

[Manage Products](#)

[Manage Supplier](#)

[Transaction Reports](#)

[Essential Reports](#)

[Log Out](#)

Supplier Payments

GRN ID **D1003** Payment ID **SP1004** Payment Date **2017-09-11**

Total Bill Value Rs. **7950.0** No of Products **3**

☐ CASH PAYMENTS

Cash Rs. Balance Rs.

☒ CHEQUE PAYMENTS

Cheque No. **124567** Amount Rs. **7950.0**

ACCEPT

Figure 3.6.2

When a system user wants to pay for an invoice of a supplier, system user can use this panel.

GRN ID(Combo Box)

All the GRN IDs related to the supplier orders that are not paid, load to this combo box. So, the system user can select the relevant GRN ID with the help of the invoice.

(Figure 3.6.1)

Consequently relevant payment ID, total bill value, No of products also load to the labels of payment ID, total bill value, No of products respectively. (Figure 3.6.1)

Cash Payments(Radio Button)

User can select 'Cash Payments' radio button, if user makes payments to the supplier from cash.

Cheque Payments(Radio Button)

User can select this radio button, if user makes payments to the supplier from cheques. System user can enter the cheque No for the relevant text field. (Figure 3.6.2)

Finally, user can update 'Supplier Payment' table with cheque No, payment date, paid status by using 'Accept' button.

Data validation features have been added to this panel. User can't save data, if cash amount is less than the total bill value or entries are invalid for the text fields of Cash, Cheque No.

System user has to enter appropriate data to those text fields to proceed.

3.7. Manage Customer Panel

Manage Customer

Customer ID: C1010

Customer Name: Mr. D.Senevirathna

Address: No.2, Dodangahawatta, Hirimbura Rd, Galle

Telephone No: 0711129488

List of Customers

Customer ID	Customer Name	Address	Telephone No
C1001	Mr. Danapala	No.20, Wackwella Rd, Galle	0912243622
C1002	Mr. Gunapala	No.200, Thalpitaya, Galle	0718557468
C1003	Mr. Amarapala	No.100, Baddegama Rd, Galle	0912258471
C1004	Mr. Somapala	No.10, Ginigama, Galle	0771458752
C1005	Mr. Jinapala	No.34, Galle Rd, Aluthgama	0914578634
C1006	Miss. Gnanawathee	No.230, Ananda Mawatha, Kithulampitiya, Galle	0774517245
C1007	Miss. Amarawathee	No.1, Galle Road, Ambalangoda	0778115469
C1008	Ms. K.D.C.L.De Silva	No.12, Labuduwa, Akmeemana	0914278545
C1009	Ms. Rubasinghe	No.499/2, Hirimbura Rd, Madawalamulla, Galle	0912246789
C1010	Mr. D.Senevirathna	No.2, Dodangahawatta, Hirimbura Rd, Galle	0711129488

Figure 3.7.1

Basically, user can handle 'Customer' table through this panel.

New Customer(Button)

User can get the customer ID that should come next in the 'Customer' table to the 'Customer ID' label. After filling all the text fields, user can add customer to the 'Customer' table of the database by using the button 'Add New'.

Add New/Remove/Update(Buttons)

System user can perform basic curd operations to the Customer table.

List of Customers(Table)

All the data in the Customer table of the database has loaded to this table.

So, user can easily browse customers. When user selects a customer from this table, all the details related to the customer, load to the relevant text fields. (Figure 3.7.1)

So, user can do basic curd operations such as delete, update. (Figure 3.7.1)

Also, data validation features have been added to the text fields in this panel.

3.8. Manage Product Panel

Manage Products

Product Code: P1002

Product Description: Broiler Chicken

Selling U/Price (Retail): 410.0

Selling U/Price (Wholesale): 400.0

Buying U/Price: 390.0

Unit Qty: 1 kg

Qty On Hand: 17.0

List of Products

Product Code	Product Description	U/Price(Retail)	U/Price(Wholesale)	Buying U/Price	Unit Qty	Qty On Hand
P1001	Elakiri	80	80	75	1 Liter	25
P1002	Broiler Chicken	410	400	390	1 kg	17
P1003	Pork	500	500	480	1 kg	7.5
P1004	Papaw	100	95	90	1 kg	26
P1005	Pineapple	140	140	130	1 kg	11
P1006	Mango	120	120	115	1 kg	10
P1007	Butter Cake	450	440	430	1 kg	32
P1008	Curd	160	155	150	1	39
P1009	Youghurt	30	28	25	1	235
P1010	Watalappan	440	435	430	1 kg	62

Figure 3.8.1

Basically, user can handle 'Product' table through this panel.

New Product(Button)

User can get the product ID that should come next in the 'Product' table to the 'Product ID' label. After filling all the text fields, user can add product to the 'Product' table of the database by using the button 'Add New'.

Add New/Remove/Update(Buttons)

System user can perform basic curd operations to the Product table.

List of Products(Table)

All the data in the Product table of the database has loaded to this table.

So, user can easily browse products. When user selects a product from the table, all the details related to the product, load to the relevant text fields. (Figure 3.8.1)

So, user can do basic curd operations such as delete, update. (Figure 3.8.1)

Also, data validation features have been added to the text fields in this panel.

3.9. Manage Supplier Panel

Manage Supplier

Supplier ID: S1003

Supplier Name: Labuduwa Farm

Address: Labuduwa, Akmeemana, Galle

Telephone No: 0912235559

List of Suppliers

Supplier ID	Supplier Name	Address	Telephone No
S1001	Mr. D. Senevirathna	No.2, Dodangahawatta, Hirimbura Rd, Galle	0711129488
S1002	Mr. D.L. Amaradasa	No.45, Temple Rd, Galle	0764589456
S1003	Labuduwa Farm	Labuduwa, Akmeemana, Galle	0912235559
S1004	Weehena Farm	No.45, Leeds Road, Talagaha, Galle	0912247869

Figure 3.9.1

Basically, user can handle 'Customer' table through this panel.

New Customer(Button)

User can get the supplier ID that should come next in the 'Supplier' table to the 'Supplier ID' label. After filling all the text fields, user can add supplier to the 'Supplier' table of the database by using the button 'Add New'.

Add New/Remove/Update(Buttons)

System user can perform basic curd operations to the Supplier table.

List of Customers(Table)

All the data in the Supplier table of the database has loaded to this table. So, user can easily browse suppliers. When user selects a supplier from the table, all the details related to the supplier, load to the relevant text fields. (Figure 3.9.1)

So, user can do basic curd operations such as delete, update. (Figure 3.9.1)

Also, data validation features have been added to the text fields in this panel.

3.10. Daily Sales Report Dialog

Code	Description	Unit Qty	Sold Qty	Total Amount	Net Amount
P1002	Broiler Chicken	1 kg	6.0	2410.0	2405.0
P1003	Pork	1 kg	4.0	2000.0	1990.0
P1004	Papaw	1 kg	0.5	50.0	50.0
P1007	Butter Cake	1 kg	11.0	4850.0	4839.0
P1008	Curd	1	17.0	2645.0	2631.0
P1009	Youghurt	1	65.0	1830.0	1810.0

Select Transaction Date: 2017-09-15 (YYYY-MM-DD)

View Report Print Report

Figure 3.10.1

DAILY TRANSACTION REPORT

TRANSACTION DATE : 2017-09-15 PRINTING DATE : September 15,

Code	Description	Unit Qty	Sold Qty	Total Qty	Net Qty
P1002	Broiler Chicken	1 kg	6.000	2410.00000	2405.00000
P1003	Pork	1 kg	4.000	2000.00000	1990.00000
P1004	Papaw	1 kg	0.500	50.00000	50.00000
P1007	Butter Cake	1 kg	11.000	4850.00000	4839.00000
P1008	Curd	1	17.000	2645.00000	2631.00000
P1009	Youghurt	1	65.000	1830.00000	1810.00000

END OF THE REPORT

PRINTING TIME : 08:36

Page 1 of 1

Figure 3.10.2

System user can take transaction reports for a selected day. This report contains daily sales of the sales outlet and it can also be taken as a print out. When user enters a day which the report should be taken, user can visualize the report, if such report exists related to the transaction date. (Figure 3.10.1)

Daily sales table contains the whole qty that was sold, total amount that was earned in sales and net amount that gets after deducting the discounts, for each sold product in the particular entered day. (Figure 3.10.1)

Finally, system user can print this report. (Figure 3.10.2)

Data validation features have been applied in this panel. User can't view any report, unless the entered date matches with the correct date format, mentioned in this panel. System user has been avoided clicking the 'Print Report' button, by disabling that button, if any record does not exist with regard to the 'Daily Sales' table.

3.11. Essential Reports Dialog

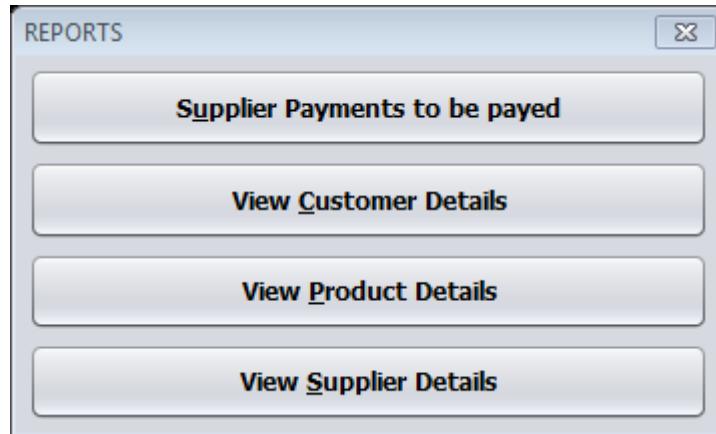


Figure 3.11.1

Basically user can view essential reports through this dialog. (Figure 3.11.1)

Supplier Payments to be Payed

System user can view suppliers who have not been paid for their supplier orders, loads to this report. The report contains the total number of products that was bought without making payments and total amount that is to be paid for each supplier who are not paid by the sales outlet.

View Customer Details

User can view the 'Customer' table in the database.

View Product Details

User can view the 'Customer' table in the database.

View Supplier Details

User can view the 'Customer' table in the database.

4. User Friendly Features

In addition to the above mentioned details, all the panels and dialogs have been included tool - tip texts to make the user convenient in using the features of the UIs and key binding method to use the designed software using key board.