

### Individual Contribution to the Project

Testing a newly designed and completed software product at its intended working location/s and seeing it working as intended without bugs, getting stuck, crashes and unexpected results is the ultimate satisfaction that a software developer derives from his efforts. The degree of success of any newly developed software application forms a good yardstick for the assessment of the real worth of a software developer.

My success in developing a highly satisfactory system for recording, monitoring and retrieving data in multiple formats and combinations cannot be attributed to any single factor; in fact there were several factors that contributed to the success of this project. I will now proceed to briefly outline them.

My efforts at trying to find a suitable solution from the internet did not meet with much success for the reason that the bulk of the websites that came up in google searches contained very little useful information compatible with our present requirements, and I was compelled to give it and look elsewhere for better results. Out of the websites searched, I found Maven repository to be quite informative. Among others, it has many java modules of which I found the following to be quite useful for my purposes:

<u>Module</u>	<u>Purpose</u>
itext-2.1.7	convert jasper report file into Adobe Acrobat Reader File format.
poi.3.6	convert jasper report file into MS Excel file format.
jdt-compiler-3.1.1	MMRS Application runs without installing Netbeans application.
jt400	Access IBM Power 7 features from Java code (for example: establish IBM DB2 database connection.)
jcalendar-1.4	Date chooser (Gives calendar to select date from.)

Further, RPG Program code snippets and other i-series related support were taken mainly from the following web sites:

- <http://code400.com/>
- <http://publib.boulder.ibm.com/eserver/ibmi.html>
- <http://www.midrange.com/>
- <http://www2.systeminetwork.com/uk/>
- <http://search400.techtarget.com/>
- <http://www.itjungle.com/>

I am a Sun Certified Java Programmer having obtained this certification in December 2008.

Additionally, there are 2 different Relational Data Base Management Systems (RDBMS) involved in the development of this MMRS application, namely,

- IBM Power 7 server has DB2 - Data stored in EBCDIC format
- My SQL 5.5 database server - Data stored in hexa decimal format

They operate in two highly differing environments from each other. Linking these two applications (with vastly different formats for storing information) to work in unison for achieving a common specific purpose, even with the learning and work experience behind me was by means an easy task.

More than any other single factor, the academic learning behind me in the related fields and different environments together with my working experience from the year 2000 up to now in five recognized organizations including my present employer – Maliban Biscuit & Maliban Milk came in very handy in accepting the challenge and taking the proposed MMRS Application to a satisfactory conclusion. It will be seen from the tabulation below that I had worked mostly in the capacities of System Analyst, Programmer, and/or in similar capacities more or less related to system maintenance and software developments, although with software applications that vastly differ from one industry to another for the different needs of these different organizations concerned.



Given below are the organizations I worked for along with the respective positions held, which would give a clearer picture of what I described above as the diverse environments associated with these organization, differing from one-another:

- From August 2000, Tec Sri Lanka as a Lecturer ( Teaching software ) - 5 months
- From December 2000, IDM Software International (they assigned me to the People's Bank International Division Project -Support Banking Application.)
- From May 2005, MBC Networks (Maharaja Broadcasting) as Analyst Programmer. Team Size was 3
- From May 2007, Comfort wear (Garment Industry) as Analyst Programmer. Team Size was 10
- From December 2007 Maliban Biscuit, Milk as System Analyst – and from September 2012 as Deputy Manager.

Working under such diverse environments and working with personnel of different types and positions in the hierarchy of the organizations helped me in further broadening my horizons in the related environments and enhancing my capacity and potential for successful handling of human resources and assignments of this nature and magnitude.

When dealing specially with human resources, you need a lot of soft skills to win their confidence, and to motivate them so as to get their maximum contribution and corporation for the success of any project. Working in the above organizations helped me build up my existing skills and further improve on them so as to act with tact and restrain in sensitive areas for better and more efficient management of human resources.

However, despite some scoring points as outlined above, it was not smooth sailing all the way to the winning goal. I had severe problems with my own personal time management. During my normal duty hours, the routine work involved with my substantive post (which is mainly work on the IBM Power 7 Server with System 21 ERP) takes a heavy toll of my time. Since the development of the new MMRS system too had to be achieved within the quickest possible time in addition to performing my day to day work without any snags, very often I had to struggle hard within myself to strike a

reasonable balance between the two so as to attend to both aspects efficiently and expeditiously without maximizing one at the cost of jeopardizing the other.

Furthermore, booking the time of the Maliban Milk Finance and Quality Assurance Departments personnel for consultations, discussions and test runs too posed problems as they were quite often found to be busy with their own work schedules. Therefore, most of the time, I had to settle for telephone conversations as an alternative which was far from satisfactory as telephone conversations were restricted to talking to only one person at a time instead of being able to discuss and tackle problems collectively by working together as a team.

Last, but not least, all the expertise and the knowhow at your command and all your efforts at developing software applications can come to naught unless the project requirements are clearly and precisely defined from the beginning. I remain extremely grateful to all at Maliban Milk who contributed in various ways in ascertaining and defining exact project requirements and goals as a prelude to the other efforts that followed in the development of this Application. There is no doubt that being able to correctly ascertain and define the exact project requirements clearly from its inception contributed in a big way to making the new MMRS Application the success it is today.

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## List of Acronyms and Abbreviations

<b>Term</b>	<b>Definition</b>
CBSE	Component Based Software Engineering
CLP	Command Language Programming
DB2	Database 2
DFD	Data Flow Diagram
EDP	Event Driven Programming
ERP	Enterprise Resource Planning
GUI	Graphical User Interface
IBM	International Business Machine
IDE	Integrated Development Environment
ILE	Integrated Language Environment
MMRS	Maliban Milk Market Return System
OOAD	Object Oriented Analysis and Design
QA department	Quality Assurance department
RAD	Rapid Application Development
RDBMS	Relational Data Base Management System
RPG	Report Program Generator
SDLC	Software Development Life Cycle
SQL	Structured Query Language
SSADM	Structured System Analysis and Design Methodology
UML	Unified Modeling Language

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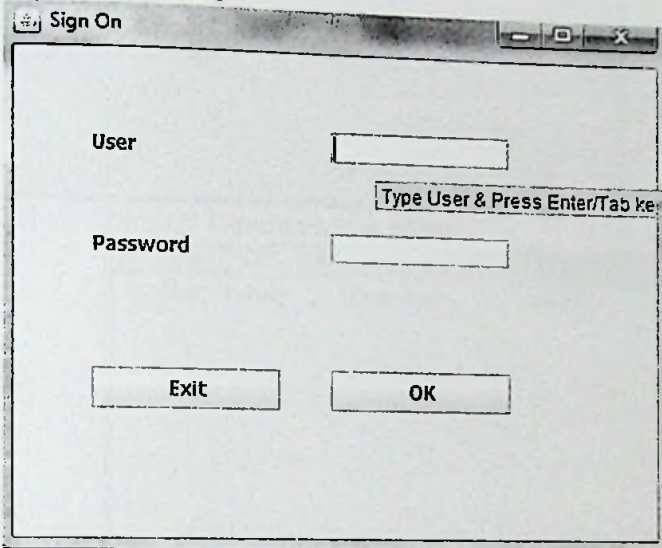


## MMRS User's Manual

Version 1.0

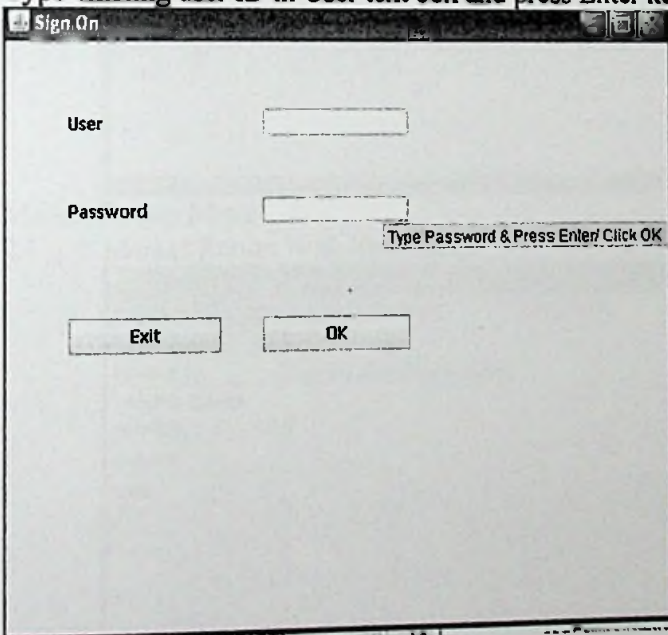
Last revision 28/05/2013

### 1. Sign on to MMRS



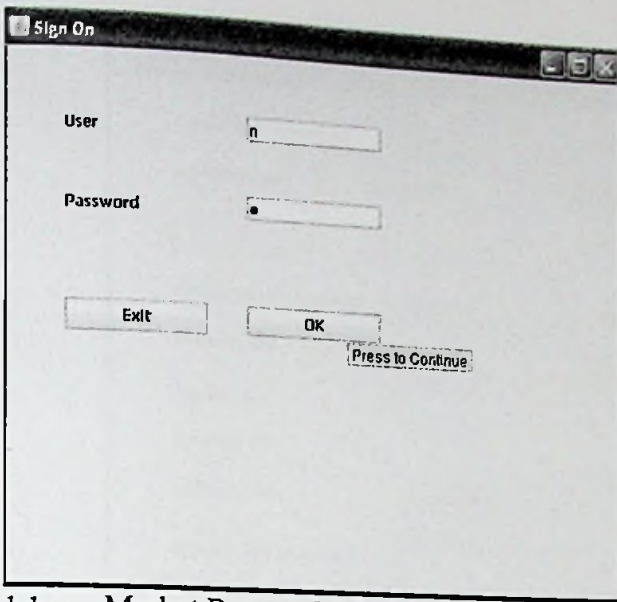
A screenshot of a Windows-style dialog box titled "Sign On". It contains two text input fields: "User" and "Password". Below the fields are two buttons: "Exit" and "OK". A yellow callout box points to the "User" field with the text "Type User & Press Enter/Tab key".

Type existing user ID in User text box and press Enter key or press Tab key.

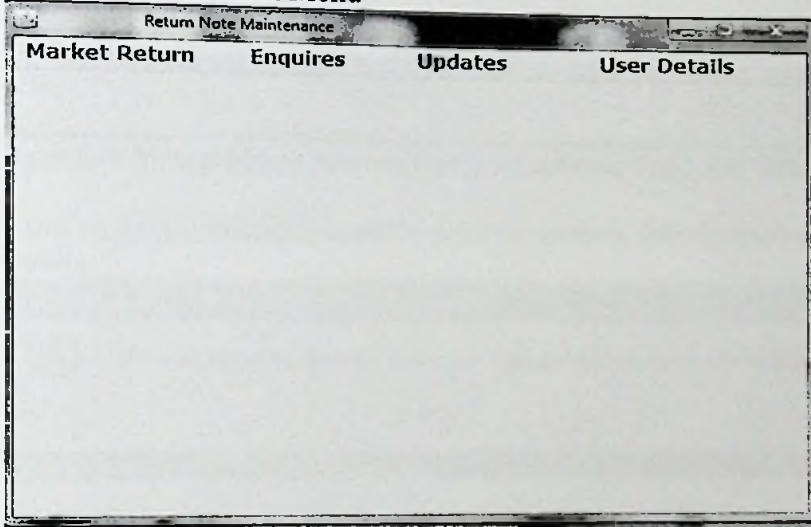


A screenshot of the same "Sign On" dialog box. A yellow callout box points to the "Password" field with the text "Type Password & Press Enter/ Click OK".

Type relevant password in Password text box and press Enter key or click on OK button.

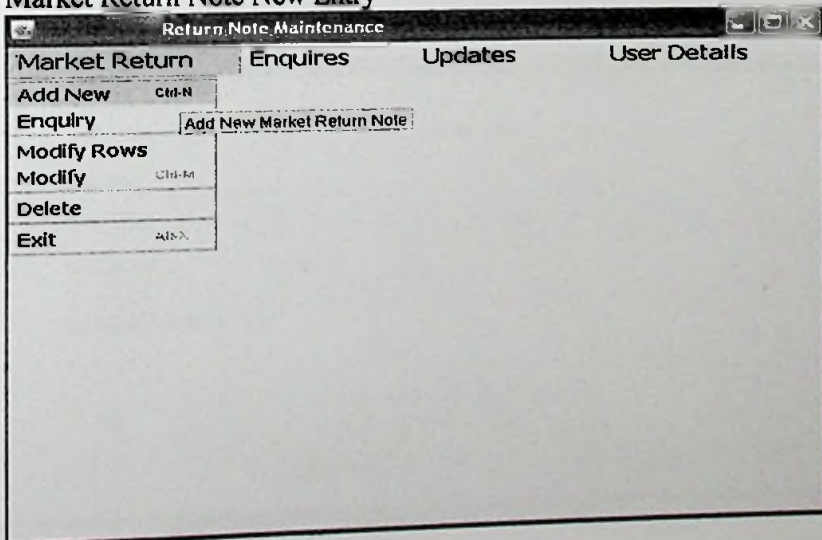


1.1 Market Returns Main Menu



2 Market Return Menu

2.1 Market Return Note New Entry



Click on Add New button ( or Ctrl + N Key Combination).

**Add New Market Return**

Manual Return Note No. 1000

Customer Code A5026 Upali Traders

Return Date (yyyymmdd) 20130101 Jan 1, 2013  Add New Entry

Product Code

Receipt Qty

Accepted Qty

Defect Reason Bad Handling

Remarks of the Instructor

Add Row Exit

Type new Market Return Note number and Customer Code and Return Date.

Click on **Add New Entry** Button to enter the product, defect reason & other details

**Fill other details and Click on Add Row**

Please fill other details and click Add Row to update detail lines ...

OK

**Add New Market Return**

Manual Return Note No.

Customer Code

Return Date (yyyymmdd) Add New Entry

Product Code C90 FCMP 1+ 400g

Receipt Qty 5

Accepted Qty 4

Defect Reason Foil Damage

Remarks of the Instructor

Add Row Exit

add new row to new return note number.



Type Product Code, Receipt Quantity, Accepted Quantity, Select Defect Reason and Type Remarks and click on Add Row button.

The screenshot shows a software window titled 'Manual Return Note No.' with the following fields and controls:

- Manual Return Note No.:** A text input field.
- Customer Code:** A text input field.
- Return Date (yyymmdd):** A date input field with a calendar icon and an 'Add New En...' button.
- Product Code:** A text input field.
- Receipt Qty:** A text input field.
- Accepted Qty:** A text input field.
- Defect Reason:** A dropdown menu currently showing 'Bad Handling'.
- Remarks of the Instructor:** A large text area.
- Buttons:** 'Add Row' and 'Exit' buttons at the bottom.

A 'More Records' dialog box is overlaid on the form, containing the text: 'Would you like add more records to this return note no?' with 'Yes, please' and 'No thanks!' buttons.

Data entry is completed for particular Market Return Note Click on **“No thanks”** Button.

Otherwise click on **“Yes, please”** to insert product, defect reason & other details of the same Market Return.

## 2.2 Market Return Note Enquiry

### 2.2.1 Market Return Note Number Enquiry

The screenshot shows a software window titled 'Return Note Maintenance' with a menu structure:

- Market Return**
  - Add New
  - Enquiry** (highlighted)
    - Market Return
    - Date Range
    - Return Note Range
    - Customer
    - Product Defect Reason
    - Market Returns 2 years
  - Modify Rows
  - Modify
  - Delete
  - Exit
- Enquires**
- Updates**
- User Details**

Enquire Return note number

System Return Note

Customer No. DR0022

Receipt User

Returned Date 20120513

Receipt Date & Time 2013-02-12 03:17:11

Product Code F0143001

Qty Received 123

Qty Accepted 123

Remarks

System Return Note

BDH code & Name c1

Jay Kay Marketing

no.143, Keells Super Building, Colombo 02.

Manual Return Note 00124

Row Number 1

FCMP - Foil pack

Defect Reason Nitrogen Gas Exiting

Print Exit

Select **System Return Note** from the drop down list or Type System Return Note Number & press **Enter**

Enquire Return note number

System Return Note

Customer No.

Receipt User

Returned Date

Receipt Date & Time

Product Code F0143001

Qty Received 1111

Qty Accepted 111

Remarks

System Return Note

BDH code & Name c1

Jay Kay Marketing

no.143, Keells Super Building, Colombo 02.

Manual Return Note 00124

Row Number 1

FCMP - Foil pack

Defect Reason SBE Error

Print Exit

Enquire Return note number

System Return Note: 2

Customer No.: DR0022

Returned Date: 20120513

Receipt Date & Time: 2013-02-12 03:17:11

Product Code: F0143001

Qty Received: 123

Qty Accepted: 123

Remarks:

System Return Note: 3

BDM code & Name: c1

Jay Kay Marketing

no.143, Keells Super Building, Colombo 02.

Manual Return Note: 00124

Row Number: 1

FCMP - Foil pack

Defect Reason: Nitrogen Gas Exiting

Print

Exit

To get details select Drop down from Row Number

Enquire Return note number

System Return Note: 8

Customer No.: DR0011

Returned Date: 20130214

Receipt Date & Time:

Product Code: FCMP - Foil pack

Qty Received: 1

Qty Accepted: 1

Remarks: 22222

System Return Note: 3

BDM code & Name: c1

Cargills Ceylon Ltd

no.40 York Street Fort Colombo 01

Manual Return Note: 1112

Row Number: 1

Defect Reason:

Print

Exit



## Print Market Return Note Click on Print Button

Enquire Return note number

System Return Note	8	System Return Note	9
Customer No.	DR0011	BDM code & name	c1
Receipt User		Cargills Ceylon Ltd	
Returned Date	20130214	no.46York StreetColombo 01	
Receipt Date & Time		Manual Return Note	1112
Product Code	FCMP - Foil pack	Row Number	1
Qty Received	1	Defect Reason	Insect Damage
Qty Accepted	1		
Remarks	22222		

Print      Cut

Please In Product Return Note Number Details

### 2.2.2 Market Return Note Enquiry for Date Range

Return Note Maintenance

Market Return	Enquires	Updates	User Details
Add New <small>Ctrl+N</small>	Market Return		
Enquiry	Date Range		
Modify Rows	Return Note Range		
Modify <small>Ctrl+M</small>	Customer		
Delete	Product Defect Reason		
Exit <small>Alt+E</small>	Market Returns 2 years		

Type From and To Return Dates in text fields and Press Enter or Choose From and To Return Dates from Date Choosers.

Return Note Numbers within Date Range

Return Date	From (yyyymmdd)	To (yyyymmdd)
	20130101	20130527
	Jan 1, 2013 <input type="checkbox"/>	May 27, 2013 <input type="checkbox"/>

Table      Enquiry      Print      Exit

Return Note Numbers within Date Range

From (yyyyymmdd)  To (yyyyymmdd)

Return Date

January	Sun	Mon	Tue	Wed	Thu	Fri	Sat
01			1	2	3	4	5
02	6	7	8	9	10	11	12
03	13	14	15	16	17	18	19
04	20	21	22	23	24	25	26
05	27	28	29	30	31		

Return Note Numbers within Date Range

From (yyyyymmdd)  To (yyyyymmdd)

Return Date

Click on Table Button

Customer wise Market returns from 20130101 to 20130527

Return Date	Customer	Product Description	Defect Reason	Accepted Qty	Received Qty	Sys Return #
20130303	ACCENTURE DISTRIBUTOR	FCMP Welfare 150g	S&D Damage	10	10	9
20130301	ACCENTURE DISTRIBUTOR	FCMP Welfare 400g	S&D Damage	2	2	7
20130301	ACCENTURE DISTRIBUTOR	Puredale 75g	S&D Damage	1	1	7
20130302	ACCENTURE DISTRIBUTOR	FCMP Welfare 1kg	S&D Damage	2	2	8
20130304	ACCENTURE DISTRIBUTOR	FCMP Welfare 150g	Detamnation	2	2	10
20130301	ACCENTURE DISTRIBUTOR	Puredale 75g	Feil Damage	12	12	7
20130301	ACCENTURE DISTRIBUTOR	FCMP Welfare 60g	Detamnation	35	35	7
20130301	ACCENTURE DISTRIBUTOR	FCMP Welfare 400g	Sealing Damage	1	1	5
20130501	AJITH TRADERS	FCMP Welfare 400g	Sealing Damage	1	1	5
20130501	AJITH TRADERS	FCMP Welfare 1Kg - Tea shop	Sealing Damage	1	1	5
20130501	AJITH TRADERS	FCMP Welfare 150g	S&D Damage	1	1	5
20130501	AJITH TRADERS	FCMP Welfare 400g	Galamination	1	1	22
20130301	M/S MUDITHA WEERASURYA & S	FCMP Welfare 150g	Tear	1	1	22
20130301	M/S MUDITHA WEERASURYA & S	Puredale 75g	S&D Damage	1	1	22
20130301	M/S MUDITHA WEERASURYA & S	FCMP Welfare 150g	S&D Damage	2	2	22
20130301	M/S MUDITHA WEERASURYA & S	FCMP Welfare 150g	Tear	1	1	22
20130301	M/S MUDITHA WEERASURYA & S	Puredale 180g	S&D Damage	1	1	23
20130301	M/S V.K. ENTERPRISES	Puredale 350g	S&D Damage	1	1	23
20130301	M/S V.K. ENTERPRISES	FCMP Welfare 400g	S&D Damage	3	2	23
20130301	M/S V.K. ENTERPRISES	FCMP Welfare 150g	S&D Damage	25	25	23
20130301	M/S V.K. ENTERPRISES	FCMP Welfare 75g	S&D Damage	1	1	23
20130301	M/S V.K. ENTERPRISES	FCMP Welfare 60g	Tear	1	1	23
20130301	M/S V.K. ENTERPRISES	FCMP Welfare 1kg	S&D Damage	1	1	23
20130301	M/S V.K. ENTERPRISES	FCMP Welfare 400g	Detamnation	1	1	23
20130301	M/S V.K. ENTERPRISES	FCMP Welfare 400g	Sealing Damage	72	72	23
20130301	M/S V.K. ENTERPRISES	FCMP Welfare 150g	S&D Damage	4	4	23
20130301	M/S V.K. ENTERPRISES	FCMP Welfare 60g	Sealing Damage	1	1	23
20130301	M/S V.K. ENTERPRISES	FCMP Welfare 1kg	Sealing Damage	1	1	19
20130301	M/S V.K. ENTERPRISES	FCMP Welfare 150g	S&D Damage	1	1	19
20130301	M/S V.K. ENTERPRISES	FCMP Welfare 1kg	S&D Damage	1	1	19
20130301	MR.H.M.AMARASENA	FCMP Welfare 400g	Sealing Damage	4	4	20
20130301	MR.H.M.AMARASENA	FCMP Welfare 1kg	S&D Damage	1	1	5
20130301	MR.H.M.AMARASENA	FCMP Welfare 75g	S&D Damage	7	7	5
20130302	MR.U.C. EDIRISINHOE	FCMP Welfare 150g	Sealing Damage	1	1	20
20130301	MR.U.C. EDIRISINHOE	FCMP Welfare 150g	Sealing Damage	2	2	5
20130302	MR.U.C. EDIRISINHOE	FCMP Welfare 400g	Sealing Damage	6	6	21
20130301	MR.U.C. EDIRISINHOE	FCMP Welfare 400g				
20130303	MR.U.C. EDIRISINHOE	FCMP Welfare 400g				

Click on **Enquiry** Button

Return Notes for Return Date Range

Return Date From 20130101 To 20130528

Return Note No. 5 BOM Code & Name

Customer A5573 AJITH TRADERS  
MR.S.MAJITH SAMARAGNESE, NO 18, PILASTHI MW., POLON...

Receipt User Manual Return Note 26351

Return Date 20130501

Receipt Date & Time 2013-05-21 12:53:34 Row Number 1

Product Code A80 Defect Reason 81:Damage

Qty Received 1

Qty Accepted 1

Remarks

Print Exit

Click on **Print** Button for selected Market Return Note

System Return Note 5

Date: 2013-05-25

Customer A5573 Received On 2013-05-21 12:53:34  
AJITH TRADERS

Manual Return Note 26351 Return Date 20130501

Row	Item Code	Item Description	Receipt Quantity	Accepted Quantity	Defect Reason
1	A53	FCMP Welfare 150g	1	1	Sa Damage
2	B10	FCMP Welfare 400g	1	1	Sa Damage
3	B10	FCMP Welfare 400g	1	1	Defamation
4	D40	FCMP Welfare 1kg - Tea shop	1	1	Sa Damage

Return Note Numbers within Date Range

From (yyyymmdd) To (yyyymmdd)

Return Date 20130101 20130527  
Jan 1, 2013 May 27, 2013

Table

Enquiry Print Exit

Click on **Print** Button



# Customer wise Return Note List - Date Range

From 20130101 To 20130527

MM  
Date : 2013/5/28

Return Date	Customer Name	Item Description	Defect Reason	Accepted Quantity	Received Quantity	Sys Return #
20130301	ACCENTURE DISTRIBUTOR	Purdale 75g	Sd Damage	1	1	7
20130301	ACCENTURE DISTRIBUTOR	Purdale 75g	Fol Damage	12	12	7
20130301	ACCENTURE DISTRIBUTOR	FCMP Welfare 400g	Sd Damage	2	2	7
20130301	ACCENTURE DISTRIBUTOR	FCMP Welfare 50g	Deamination	20	20	7
20130301	ACCENTURE DISTRIBUTOR	FCMP Welfare 1Kg	Sd Damage	3	3	5
20130301	ACCENTURE DISTRIBUTOR	FCMP Welfare 150g	Sd Damage	10	10	3
20130301	FCMP Welfare 150g		Deamination	2	2	10
20130301	AJITH TRADERS	FCMP Welfare 400g	Deamination	1	1	5
20130301	AJITH TRADERS	FCMP Welfare 400g	Sealing Damage	1	1	5
20130301	AJITH TRADERS	FCMP Welfare 150g	Sd Damage	1	1	5
20130301	AJITH TRADERS	FCMP Welfare 1Kg - Tea shop	Sealing Damage	1	1	5
20130301	M/S MUDITHA WEERASURNA &	Purdale 150g	Tear	1	1	22
20130301	M/S MUDITHA WEERASURNA &	FCMP Welfare 150g	Tear	1	1	22
20130301	M/S MUDITHA WEERASURNA &	FCMP Welfare 150g	Sd Damage	7	7	22
20130301	M/S MUDITHA WEERASURNA &	Purdale 75g	Sd Damage	1	1	22

## 2.2.3 Return Notes Range

Return Note Maintenance

Market Return   Enquires   Updates   User Details

Add New   Ctrl+N

Enquiry   **Market Return**

Modify Rows   **Date Range**

Modify   Ctrl+F   **Return Note Range**

Delete   **Customer**

Exit   Alt+S   **Product Defect Reason**

**Enquires on Return Note Number Range**

**Market Returns 2 years**

Return Note Range Enquiry

Return Note No.   5   12

Manual Return Note No.   5   12

Enquiry   Print   Exit



Click on Print Customer Button

### Defect Reason wise Return Notes summary

Date 20130528

Defect Reason	Item Code	Item Description	Received Qty	Accepted Qty
Fold Damage	B3D	FCUP Wetwrt 14g	1	1
Sealing Damage	A9D	FCUP Wetwrt 53g	1	1
Sealing Damage	A5D	FCUP Wetwrt 153g	1	1
Sealing Damage	D1D	FCUP Wetwrt 433g	5	5
Shr Damage	A7D	FCUP Wetwrt 75g	1	1
Shr Damage	A5D	FCUP Wetwrt 153g	12	12
Shr Damage	B1D	FCUP Wetwrt 433g	12	12
Shr Damage	B3D	FCUP Wetwrt 14g	7	7
Shr Damage	C2D	Purdash 253g	4	4
Total	A5D	FCUP Wetwrt 153g	5	5

\*\*\* End Of Report \*\*\*

### 2.2.5 Product/Defect Reason Summary

Return Note Maintenance

Market Return   Enquiries   Updates   User Details

Add New   Ctrl+N

Enquiry   ▶   Market Return

Modify Rows   Ctrl+M

Modify   ▶   Date Range

Delete

Exit   Alt+A

Return Note Range

Customer

Product Defect Reason

Market Return   Enquiries on Product Defect Reason

Product Defect wise for Return Date Range

From   To

Return Date (yyyymmdd)   20130101   20130528

Return Date (yyyymmdd)   Jan 1, 2013   May 28, 2013

Enquiry   Line Chart   Print

Display Table   Bar Chart   Exit

Press Display Table Button

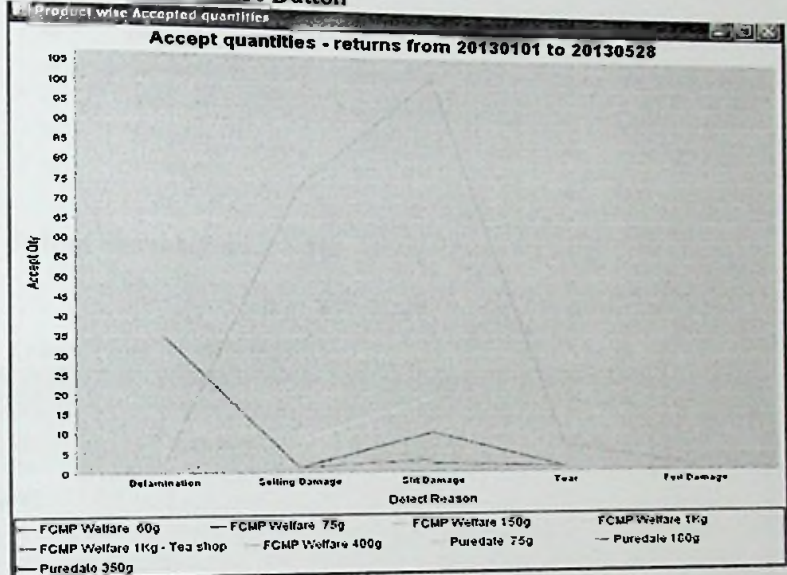




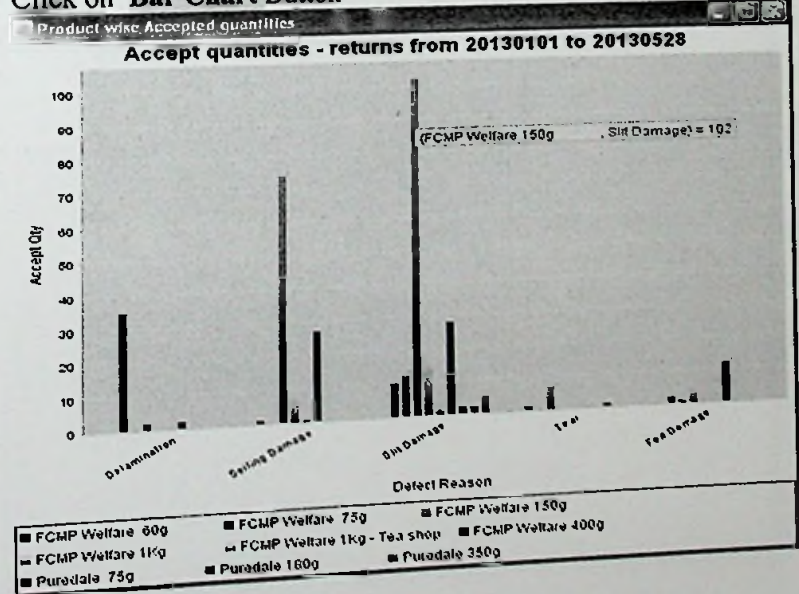
Return Date from 20130101 to 20130528

Product Name	Defect Reason	Accepted Qty
FCMP Welfare 60g	Delamination	35
FCMP Welfare 60g	Sealing Damage	1
FCMP Welfare 60g	Slit Damage	13
FCMP Welfare 60g	Tear	1
FCMP Welfare 75g	Foil Damage	2
FCMP Welfare 75g	Slit Damage	12
FCMP Welfare 150g	Delamination	2
FCMP Welfare 150g	Foil Damage	1
FCMP Welfare 150g	Sealing Damage	74
FCMP Welfare 150g	Slit Damage	192
FCMP Welfare 150g	Tear	7
FCMP Welfare 1Kg	Foil Damage	5
FCMP Welfare 1Kg	Sealing Damage	8
FCMP Welfare 1Kg	Slit Damage	13
FCMP Welfare 1Kg - Tea shop	Sealing Damage	1
FCMP Welfare 1Kg - Tea shop	Slit Damage	3
FCMP Welfare 400g	Delamination	2
FCMP Welfare 400g	Sealing Damage	27
FCMP Welfare 400g	Slit Damage	23
Puredale 75g	Foil Damage	12
Puredale 75g	Slit Damage	2
Puredale 180g	Slit Damage	2
Puredale 180g	Tear	1
Puredale 350g	Slit Damage	5

Click on **Line Chart** Button



Click on **Bar Chart** Button



Click on **Print** Button



**Modify Return Note Number Rows**

System Return Note No: 5 (dropdown) 5 (dropdown)

Manual Return Note No: 26351

Customer No.:

Receipt User: BDM code & Name

Returned Date (yyyymmdd):

Receipt Date & Time: Row Number: 1 (dropdown)

Product Code: A80 HCMF Welfare 150g (dropdown)

Qty Received: 1 Defect Reason: Slit Damage (dropdown)

Qty Accepted: 1

Remarks of the Instructor: [Text Area] [Modify Row]

[Press to change a row]

[Exit]

Type System Return Note no. and Press Enter or Select System Return Note no. from drop down list and select required row no from the drop down list

**Return note Row details updated .....**

Return Note Row updated successfully ...

[OK]

System Return Note No: 5 (dropdown) 5 (dropdown)

Manual Return Note No: 26351

Customer No.:

Receipt User: BDM code & Name

Returned Date (yyyymmdd):

Receipt Date & Time: 2 (dropdown)

Product Code: 400g (dropdown)

Qty Received: 1 Defect Reason: Sealing Damage (dropdown)

Qty Accepted: 1

Remarks of the Instructor: [Text Area] [Modify Row]

[Exit]



## Market Return Note Modify

Modify Return note number

System Return Note No

Manual Return Note No

Customer No.

Receipt User  BOM code & Name

Returned Date (yyyymmdd)

Receipt Date & Time  Row Number

Product Code

Qty Received  Defect Reason

Qty Accepted

Remarks of the Instructor

Type System Return Note No. and Press **Enter** or Select from drop down list

Modify Return note number

System Return Note No

Manual Return Note No

Customer No.

Receipt User  BOM code & Name

Returned Date (yyyymmdd)

Receipt Date & Time  Row Number

Product Code

Qty Received  Defect Reason

Qty Accepted

Remarks of the Instructor

Modify Return Note Number

System Return Note No: 18 (dropdown) 18 (dropdown)

Manual Return Note No: 15121

Customer No.: A5424 (dropdown) THIAGI ASSOCIATES (dropdown)

Receipt User: (text field) BDM code & Name

Returned Date (yyyymmdd): (text field)

Receipt Date & Time: (text field)

Product Code: (text field)

Qty Received: (text field) Defect Reason: (text field)

Qty Accepted: (text field)

Remarks of the Instructor: (text area)

Buttons: Modify, Exit

Return note No. updated

Return Note no. updated successfully ..

OK

2.5 Market Return Note Delete  
 Type **System Return Note No** or Select from the dropdown list

Delete Return Note Number

Return Note No.: 19 (dropdown) Manual Return Note: 24956

19 (text field)

Customer No.: A5548

Customer Name: MR.H.M.AMARASENA

Receipt User: (text field) No. of Rows: 4 (text field)

Returned Date: 20130301

Receipt Date & Time: (text field)

Buttons: Print, Delete, Exit

Return Note No.  Manual Return Note

Customer No.

Customer Name

Receipt User

Returned Date

Receipt Date & Time

**Confirm Delete .....**

?

Would you like to delete this Market Return Note from the system?

Return Note No.  Manual Return Note

Customer No.

Customer Name

Receipt User

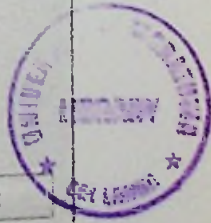
Returned Date

Receipt Date & Time

**Deleted Return Note # 5**

i

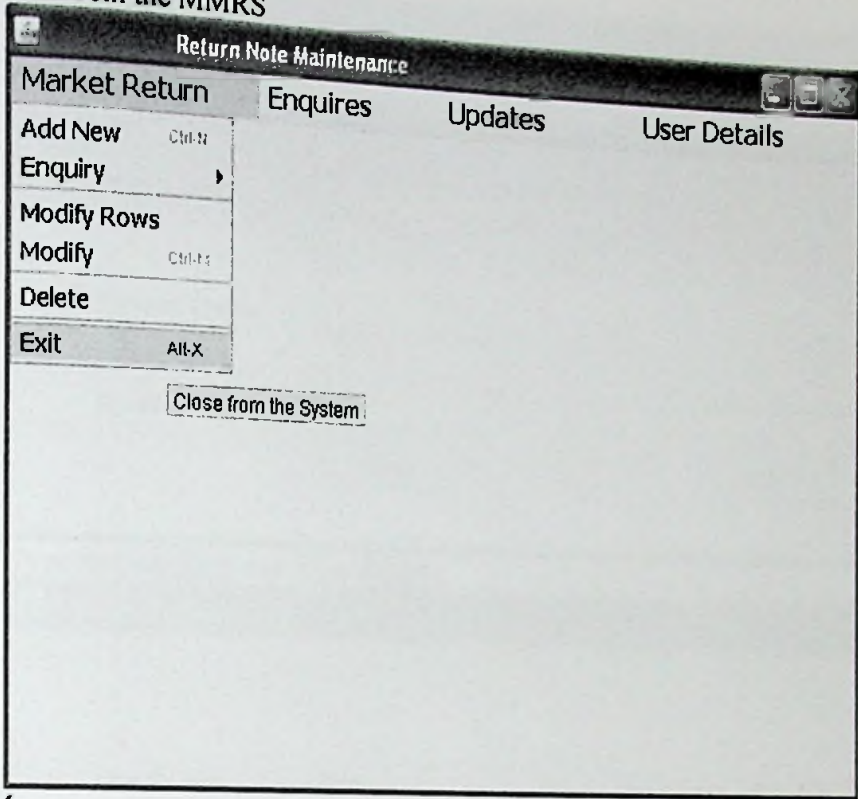
Return Note is deleted from the system..!





2.6

Exit from the MMRS

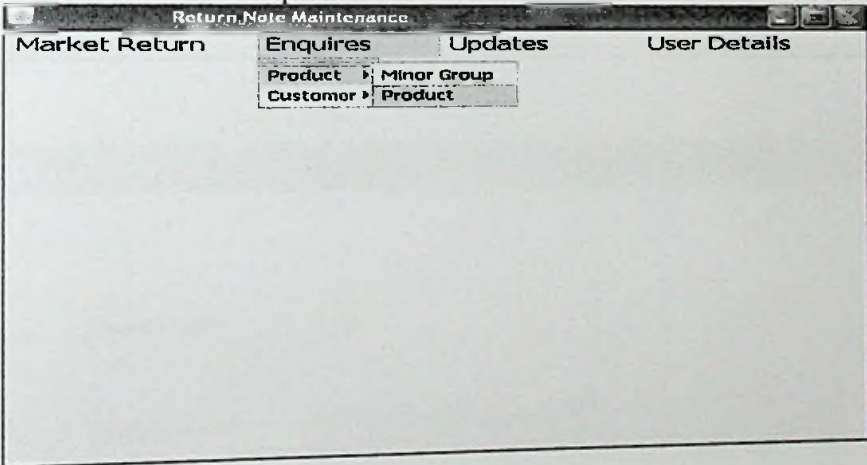


3 Enquiries Menu

3.1 Product Enquiry

3.1.1 Minor Group

3.1.2 Product Description



**Enquire Product Code**

Search Text

Product Codes

Product Name

Type Search Text and Press Enter

**Enquire Product Code**

Search Text

Product Codes

Product Name

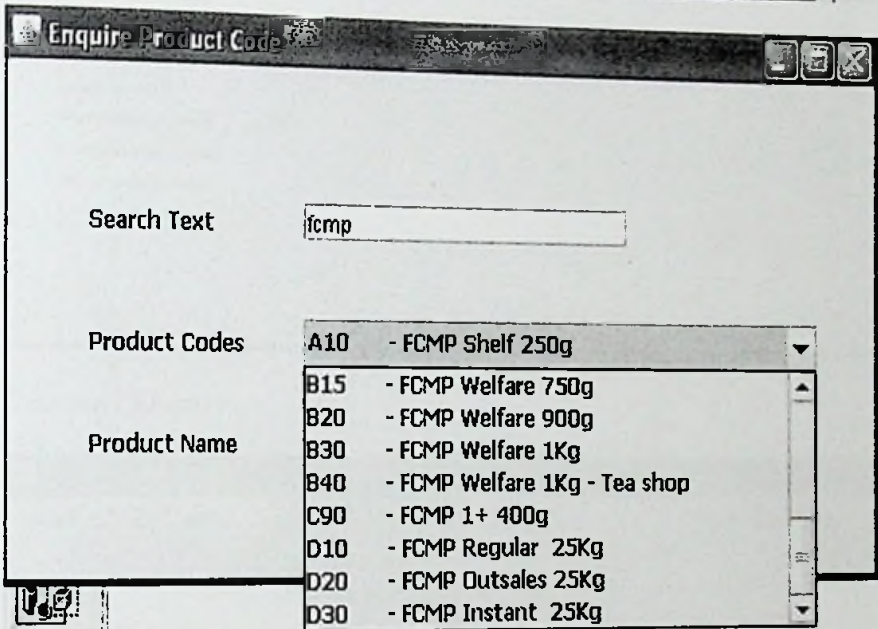
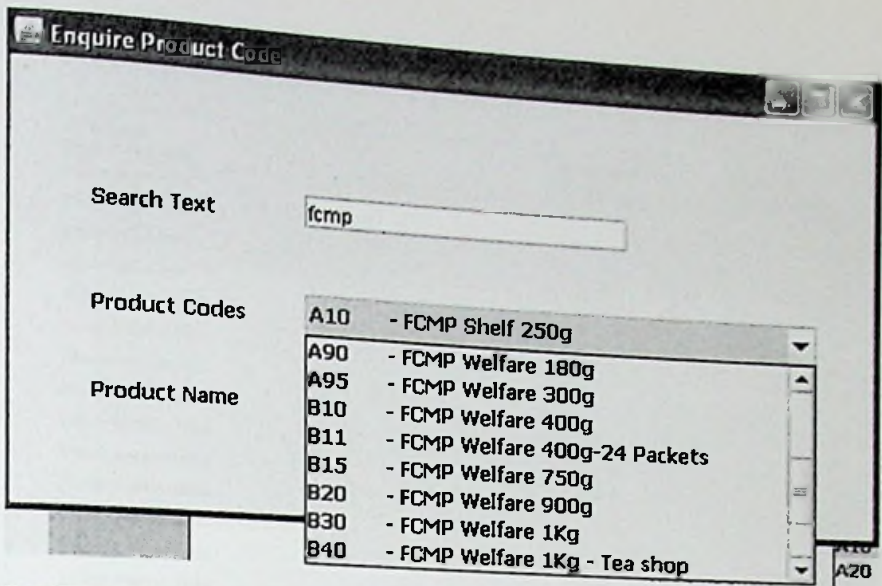
**Enquire Product Code**

Search Text

Product Codes

Product Name

A10	- FCMP Shelf 250g
A10	- FCMP Shelf 250g
A20	- FCMP Shelf 300g
A30	- FCMP Shelf 400g
A40	- FCMP Shelf 1Kg
A50	- FCMP Welfare 20g
A60	- FCMP Welfare 60g
A70	- FCMP Welfare 75g
A80	- FCMP Welfare 150g



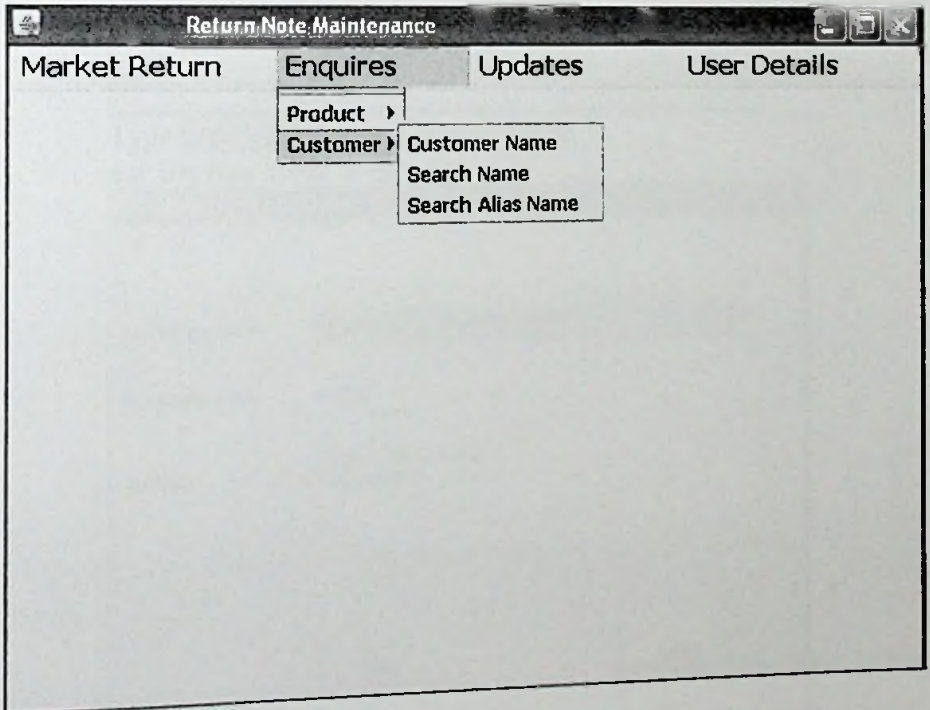
Click on **Print** Button



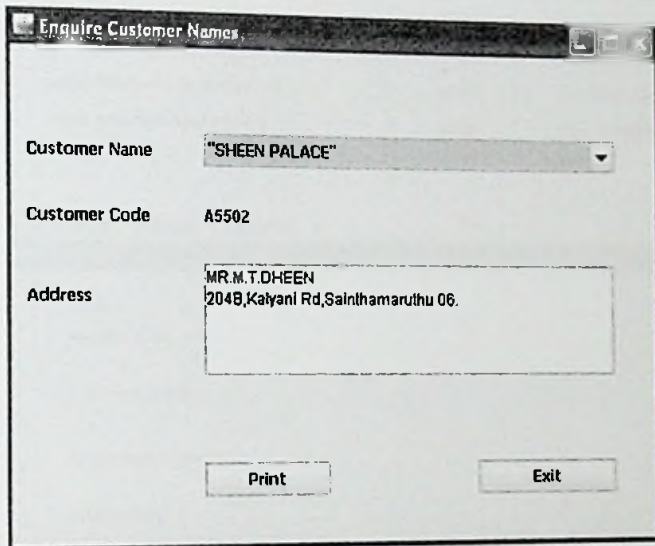
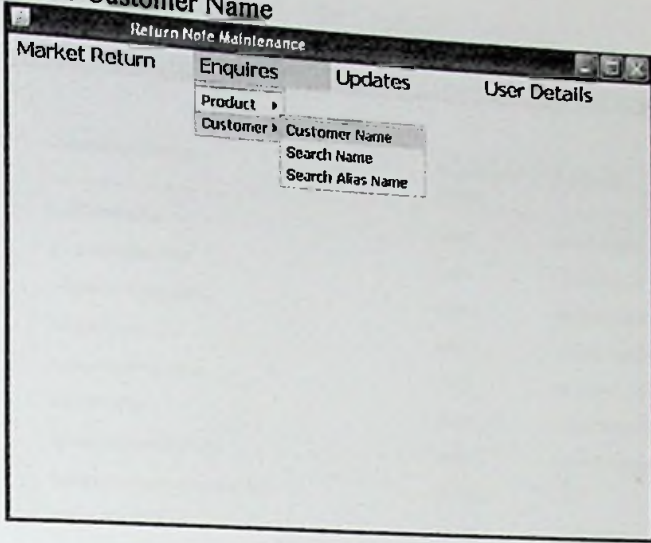
Products contain fcmp

Product Description	Product Code	Packet Weight (g)
FCMP 2KCF 250g	A10	250
FCMP 2KCF 500g	A20	500
FCMP 2KCF 100g	A30	100
FCMP 2KCF 1kg	A40	1000
FCMP Valtira 20g	A50	20
FCMP Valtira 60g	A60	60
FCMP Valtira 75g	A70	75
FCMP Valtira 120g	A80	120
FCMP Valtira 170g	A90	170
FCMP Valtira 200g	A99	200
FCMP Valtira 400g	B10	400
FCMP Valtira 1000 24 Packs	B11	1000
FCMP Valtira 700g	B15	700
FCMP Valtira 600g	B20	600
FCMP Valtira 1kg	B30	1000
FCMP Valtira 1kg - Top Shop	B40	1000
FCMP 1-1000	C00	1000
FCMP Regular 250g	D10	25000
FCMP Outlets 250g	D20	25000
FCMP Inlets 250g	D30	25000

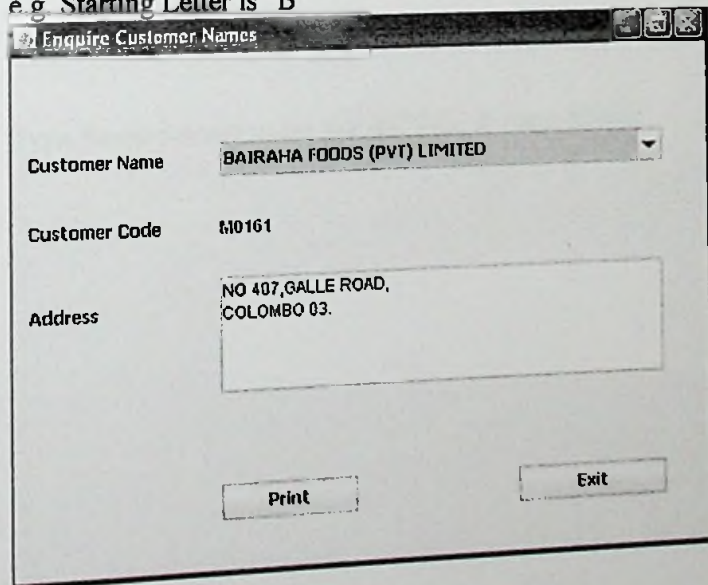
### 3.2 Customer Enquiry



# Entire Customer Name



Type **Starting letter** in Customer Name  
e.g. Starting Letter is "B"



Click on **Print** Button to take Customer Listing

## All Customer Details

MM

Customer Name	Customer Code	Address
"SHEEN PALACE"	A5532	MR.M.T.DHEEN
A & D DISTRIBUTORS	A5451	MR.A.D.INDIRA THUSHARA PERERA
A.G.WIMALASIRI ESOR	C3302	359, Galle Road
A.H.MIHTAR	A5401	215, PALA NAGAR, MUTTUR
A.KULASURIYA & SONS	A5345	MR.H.R.KULASURIYA
A.S.G.STORES	A5553	MR.R.P.G.PRASADNA
AB MAURILANKA PVT LTD	L10352	124, TEMPLES ROAD, MOUNT LAVINIA
Abans Environmental Services (Pvt)	DR3231	Ltd.
ABEYKOON STORES	A5415	MR.E.M.M.W.A.BEYKOON
Abeyfatu Confectionery (Pvt) Ltd	DR3393	Norfolk 65, Weyak Road
ACCENTURE DISTRIBUTOR	A5433	MR.HARSHAN SENAVIRATHNE
ACME PRINTING & PACKAGING LTD	L10361	1ST FLOOR LAKSHMAN BUILDING
ACME STAFF WELFARE SOCIETY	M1135	ACME PRINTING & PACKING PLC

### 3.2.2 Customer Name Content

Search Text:

CustomerCodes:

Customer Name:

Alias Name:

Type Name content in the **Search Text** & Press **Enter**



Search Text:

CustomerCodes:

Customer Name:

Alias Name:

Search Text:

CustomerCodes:

Customer Name:

Alias Name:

Click on **Print** button to Customers' with Search Text

Customers contain car MM

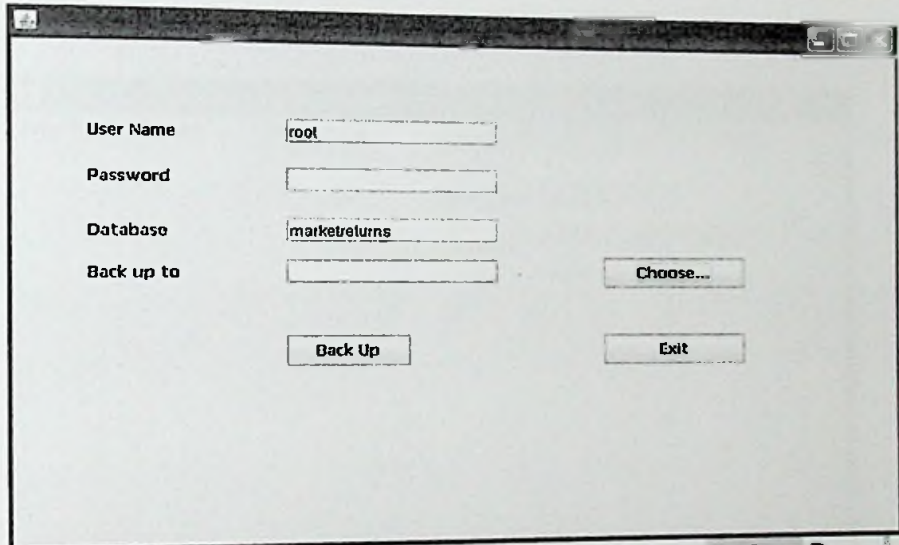
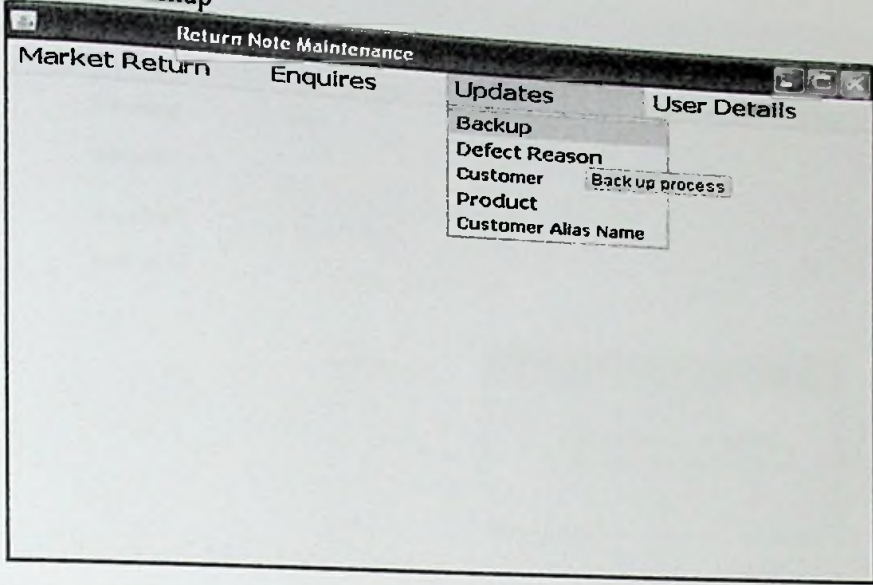
Customer Code	Customer Name	Alias Name
A5205	Agricare Private Limited	
DR0078	Agricare Private Limited	
DR0121	CARAVAN	
DR0141	Careklean (Pvt) Ltd.	
DR0022	CARGILLS (CEYLON) LIMITED	
D1005	Cargills Ceylon Ltd	
M0148	CARNIVAL ICE CREAM	
M0137	EPAACK CORRUGATED CARTONS	
M0010	H.DON CAROLIS SONS LTD.	
A5457	HEALTH CARE PHARMACY	

4.

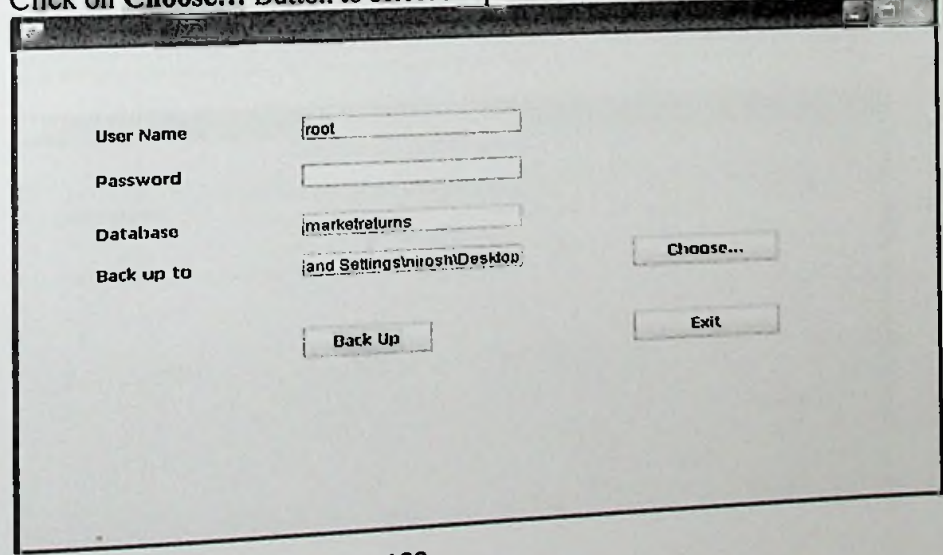
# Updates Menu

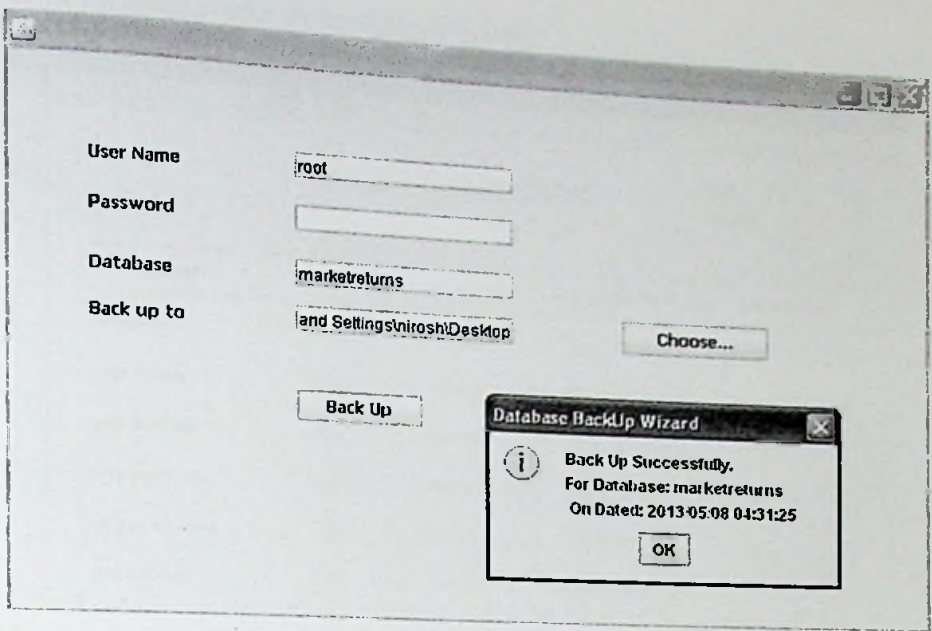
4.1

## Database backup

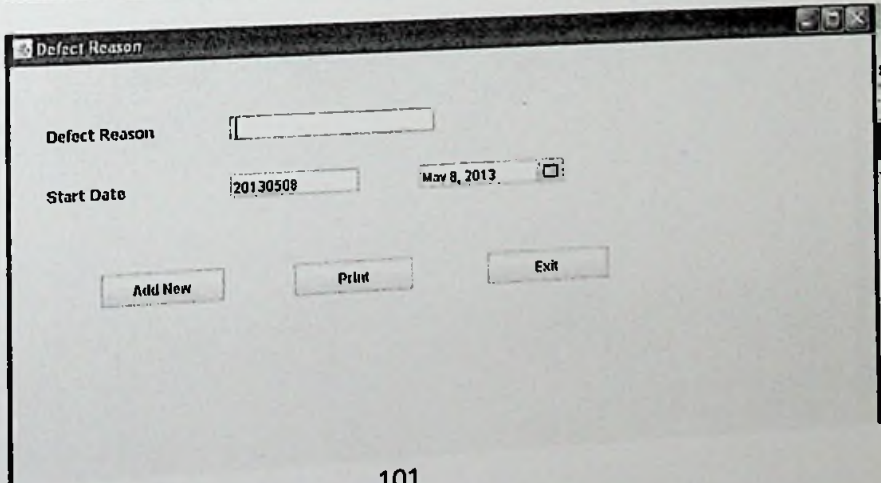
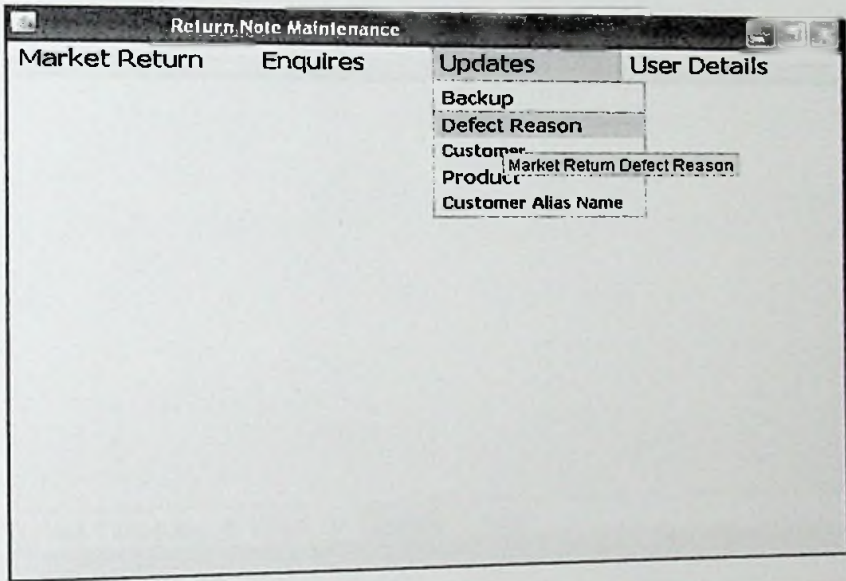


Click on Choose... Button to select the path. Then click on Back up Button.





#### 4.2 Add New Defect Reason

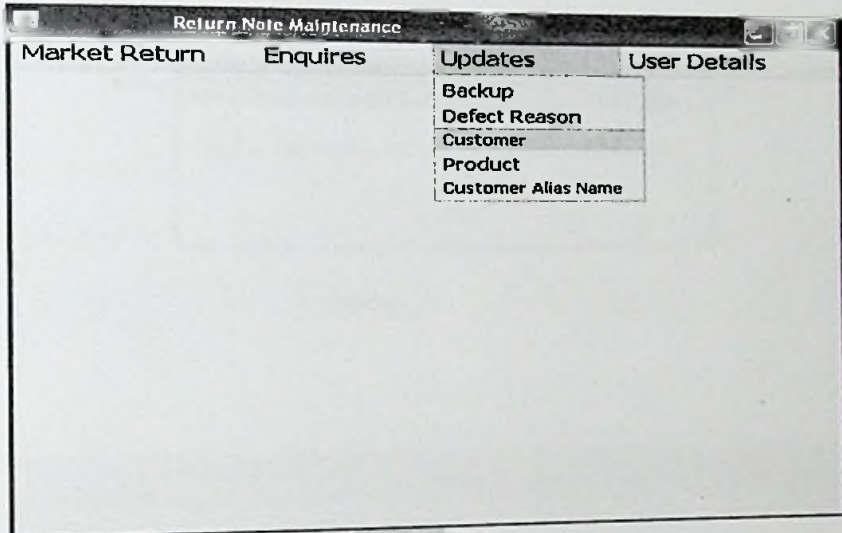




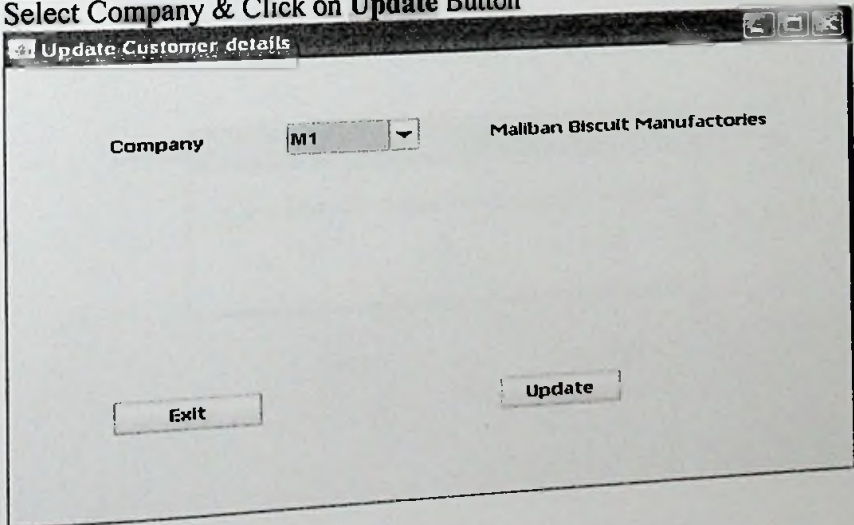
Click on **Print** to take Defect Reason Listing

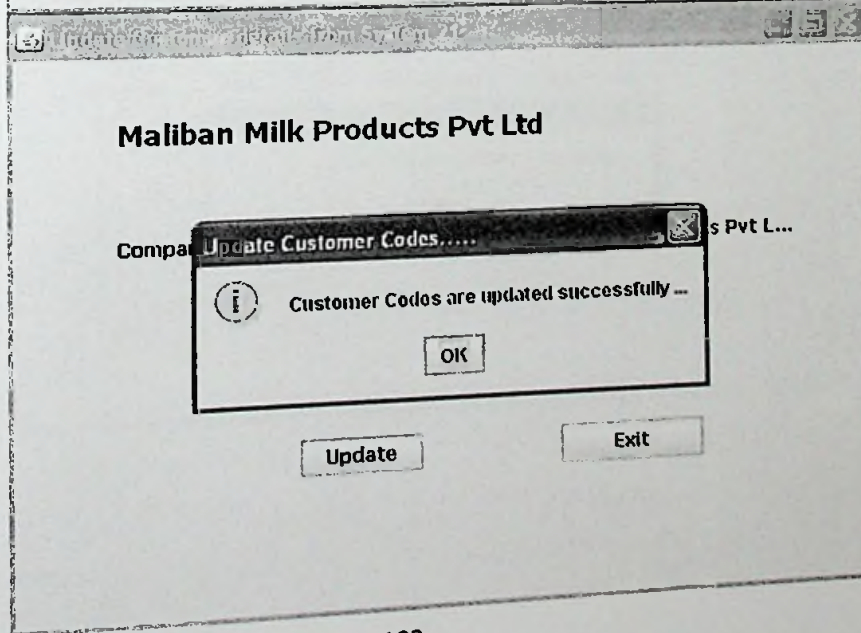
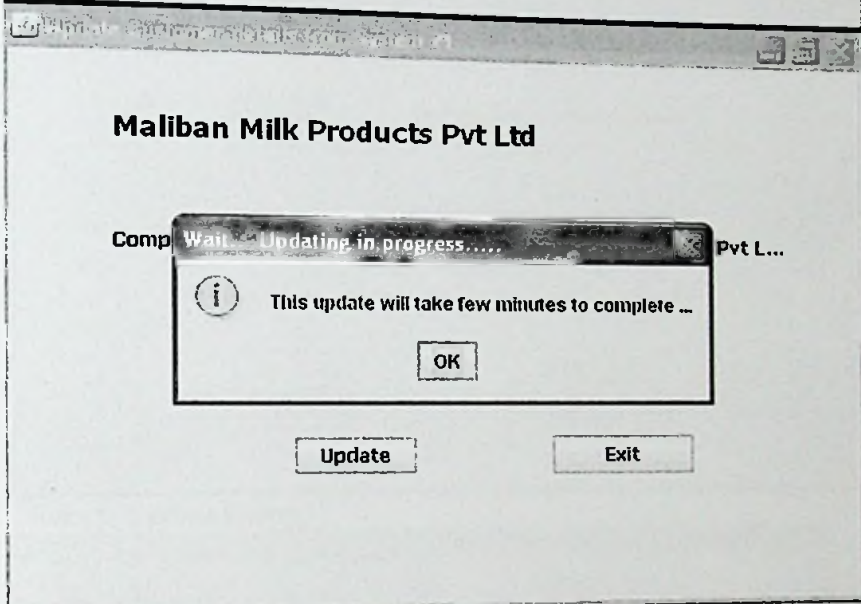
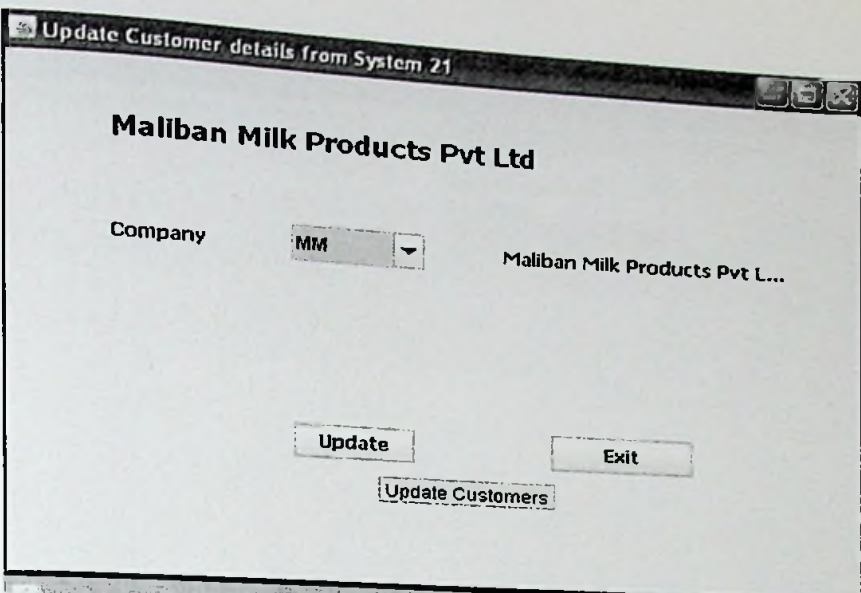
Defect Reason	Percentage	Started Date	Entered Date & Time	Entered User
Bad Handling	75.00	19970101	2013-04-08 10:12:42	n
Insect Damage	75.00	19970101	2013-04-08 10:09:25	n
Layer Separation	75.00	19970101	2013-04-08 10:11:48	n
Missing of Marking	75.00	19970101	2013-04-08 10:16:37	n
Nitrogen Gas Exiting	75.00	19970101	2013-04-08 10:09:02	n
Sealing Damage	75.00	19970101	2013-04-08 10:11:21	n

### 4.3 Update System 21 Customers

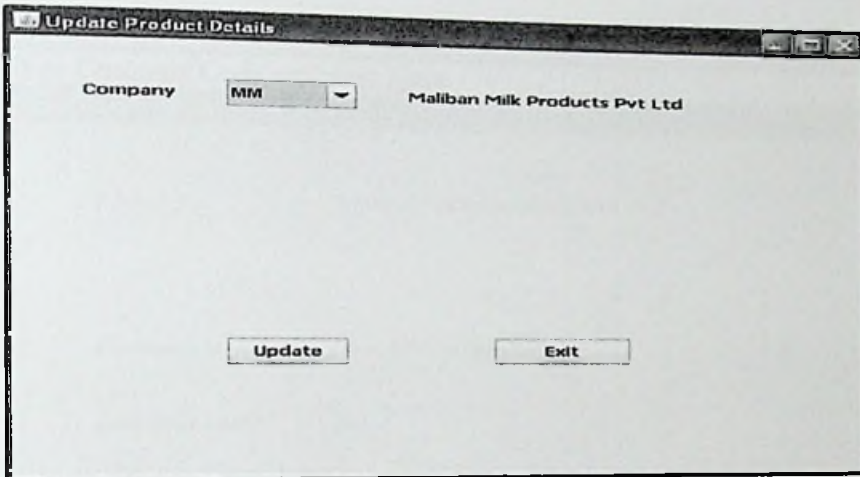
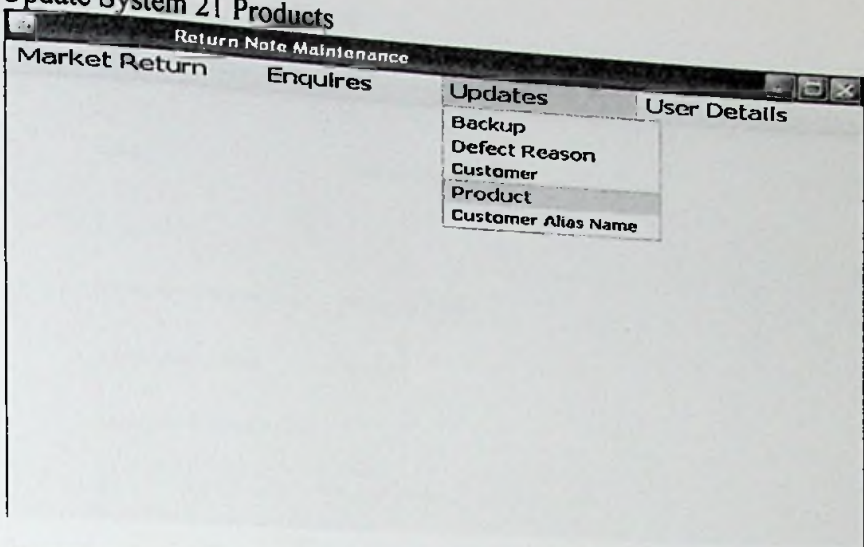


Select Company & Click on Update Button

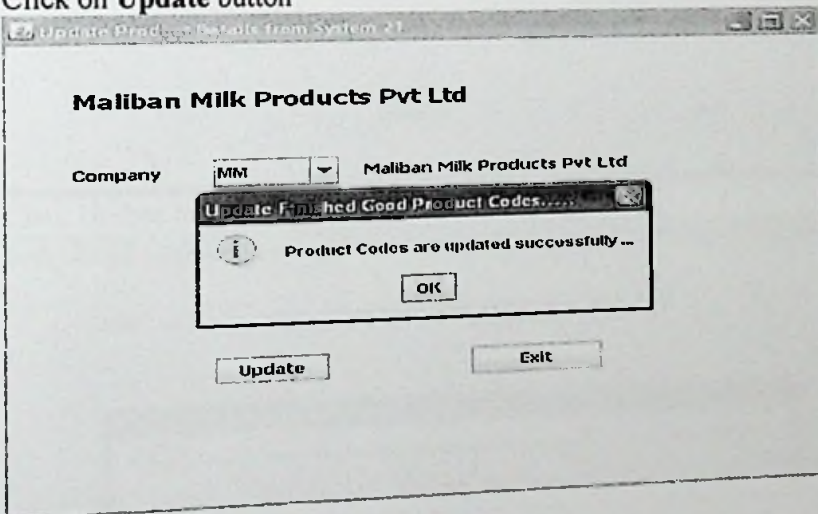




## Update System 21 Products



Click on **Update** button





4.5

Update Customer Alias Name  
Type Customer Alias Name and Click on Update button

Update Customer Alias Name

MM Maliban Milk Products Pvt Ltd

Customer Name: Richard Peiris

Customer Code: dr0022

Customer Alias Name: [Empty]

Exit Update

Type Customer Code and press Enter.

Update Customer Alias Name

MM Maliban Milk Products Pvt Ltd

Customer Name: Mr.N D M Jayawardena

Customer Code: A5155

Customer Alias Name: sss

Update Exit

Click Update button.

Update Customer Alias Name

MM Maliban Milk Products Pvt Ltd

Customer Alias Name: sss

Update Exit

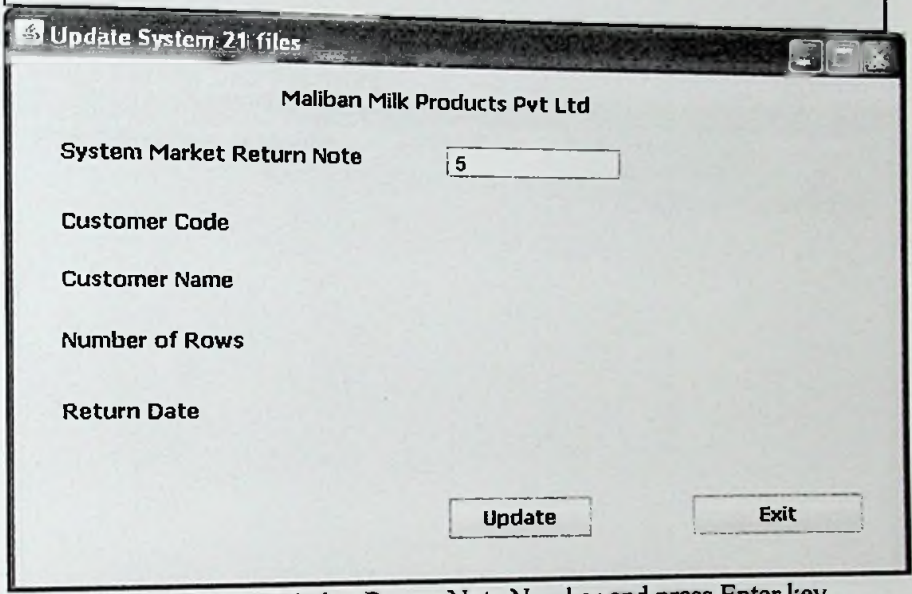
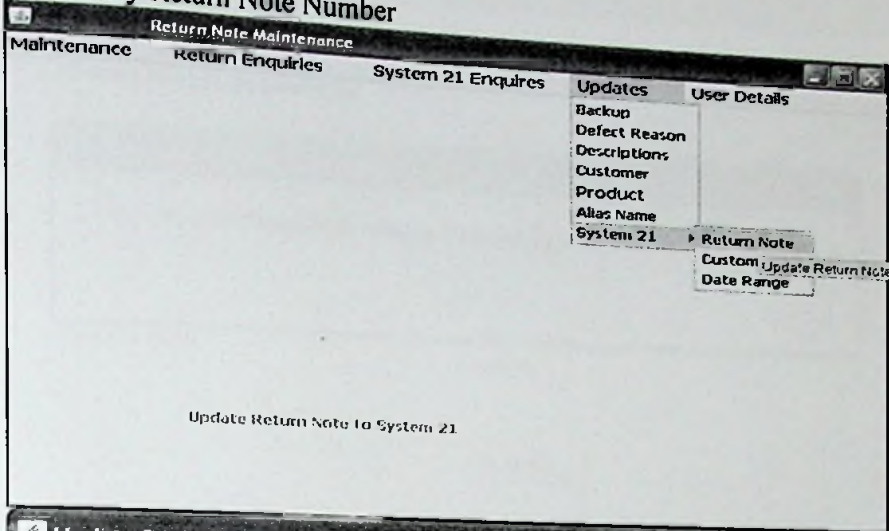
Customer is updated succesfully, ...

Customer alias name has been changed for customer A5155

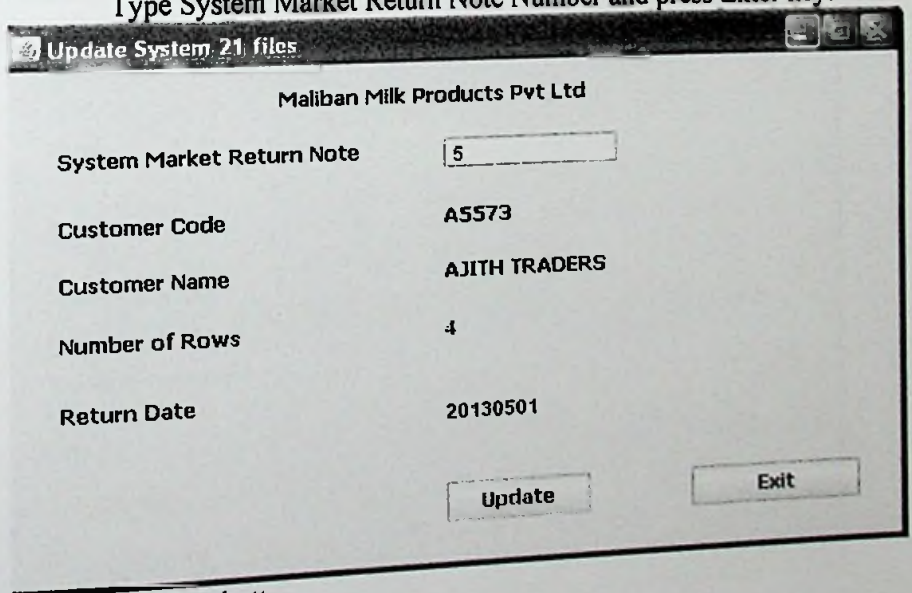
OK

# 4.6 Update System 21 files

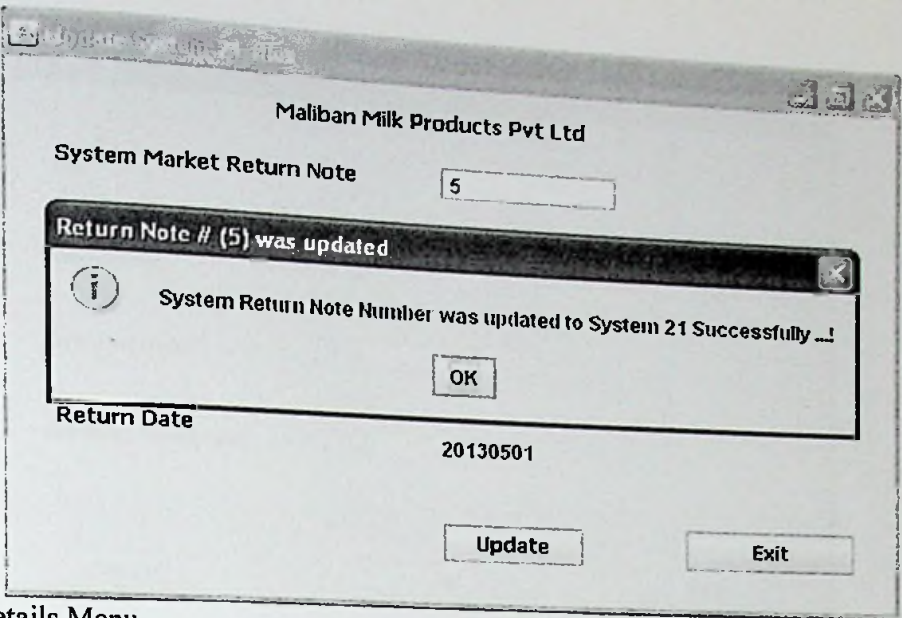
## 4.6.1 By Return Note Number



Type System Market Return Note Number and press Enter key.

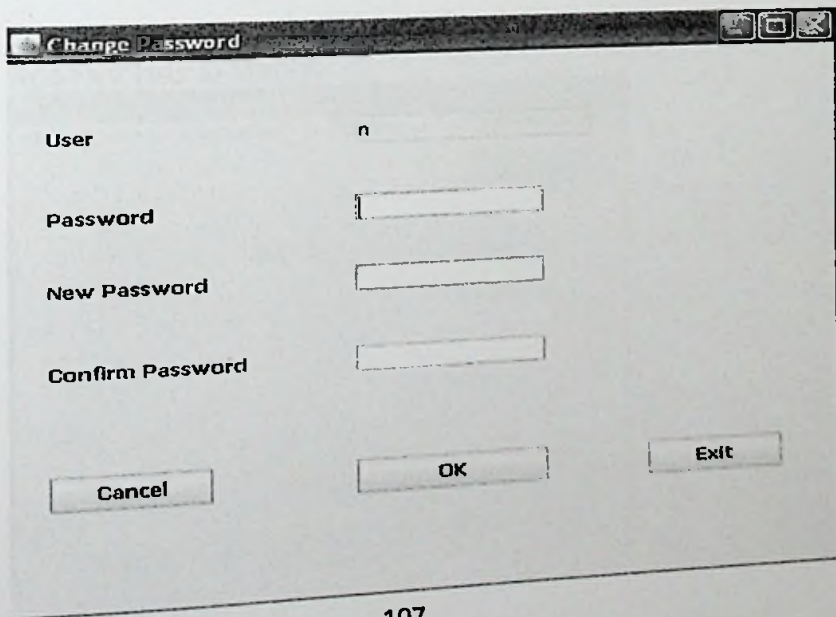
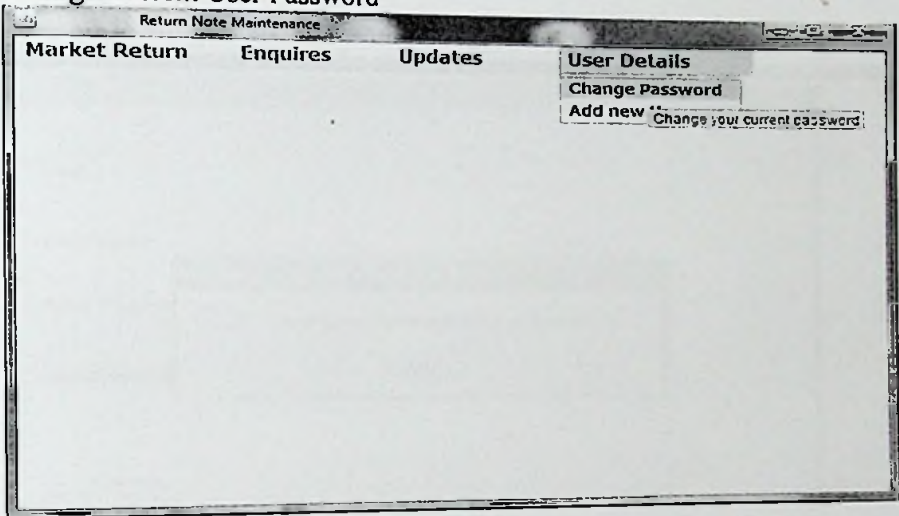


Click on Update button



5. User Details Menu

5.1 Change Current User Password





## Type Current Password & different password for New Password

**Change Password**

User: n

Password:

New Password:

Confirm Password:

Cancel OK Exit

## Confirm password should be same as New Password

**Change Password**

User: n

Password:

New Password:

Confirm Password:

Cancel OK Exit

**Password updated successfully**

User password updated successfully ...

OK

5.2

## Add New User to MMRS

**Return Note Maintenance**

Market Return Enquires Updates User Details

Change Password  
Add new User

**Add Users**

Company: MM Maliban Milk Products Pvt Ltd

Text Type: DAMG

User ID: sanjeewa

User Name: lasantha sanjeewa

Designation: accounts executive

Report Location: C:\JavaMarketReturns\src\p11

User Type: administrator

No of Days to Expire: 60

Buttons: Cancel, Create, Exit

Click on Create button

**Add Users**

Company: MM Maliban Milk Products Pvt Ltd

Text Type: DAMG

User ID: sanjeewa

User Name: lasantha sanjeewa

Designation: accounts executive

Report Location: C:\JavaMarketReturns\src\p11

User Type: administrator

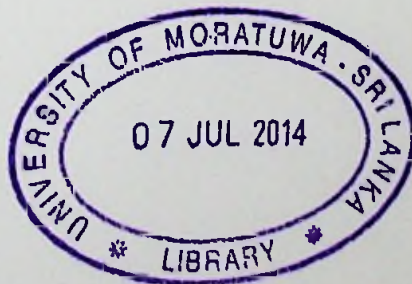
No of Days to Expire: 60

Buttons: Cancel, Create, Exit

**More Users .....**

? Would you like add more user records to this system ?

Buttons: Yes, please, No thanks!



NO	YEAR
1	05
2	05
3	05
4	05