

MHSOFTSOLUTIONS

Drug Control System

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Contains the configurations and user manual of the drug control system

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Version history

Date	Description	Version
10/11/2015	Document initialize	0.1
19/06/2016	Version history added, Change the introduction. changed Set up the system	0.2

Drug Control System

Introduction

Drug control system is design to track the drug details of your store. This is a windows based applications. (Windows7 and upwards)

There are two main functions

1. To Warn the user for drugs that are going to expire within in configured months
2. Warn the drugs that have reached the reorder level (REOL)

Set up the System

Double click the 'setup.exe' file and follow the on screen instructions. You should have administrator permission to complete the installation.

After installation completed , 'Property.txt' should be added values for the following properties.

dbname=<database name> ex: INS

warninginMonths=<numeric value without spaces> ex: 6 (value will be considered by system as months)

System Requirements

- OS Windows 7 or higher
- 500Mb diskspace (Depend on your data)
- Dual core 1.2GHz or higher CPU
- Minimum 4GB RAM for 64Bit OS
- An Internet connection on installtion dependancies if necessary

Configure the system

After a successful installation, a Desktop Icon will be available



Double click will open up the login screen

System is installed with pre configured user **Admin** with password **Admin** and users are strongly recommended to change the default password.

Users Administration

Admin user has the ability to create new users.

A screenshot of the 'Add User' dialog box. It has a title bar with a minimize, maximize, and close button. The main area contains four input fields: 'User Name', 'Password', 'Re Enter Password', and 'User Type' (a dropdown menu). Below these fields are three buttons: 'Add', 'Change Password', and 'Clear'. At the bottom right is a 'Close' button.

Currently system allows only two user types

1. Admin - Who has the full access to the system
2. User - Limited pre defined access to the system

To create a user

1. Enter a user name
2. Enter password
3. Re Enter the password
4. Select a user type from the drop down
5. Press the **Add** button

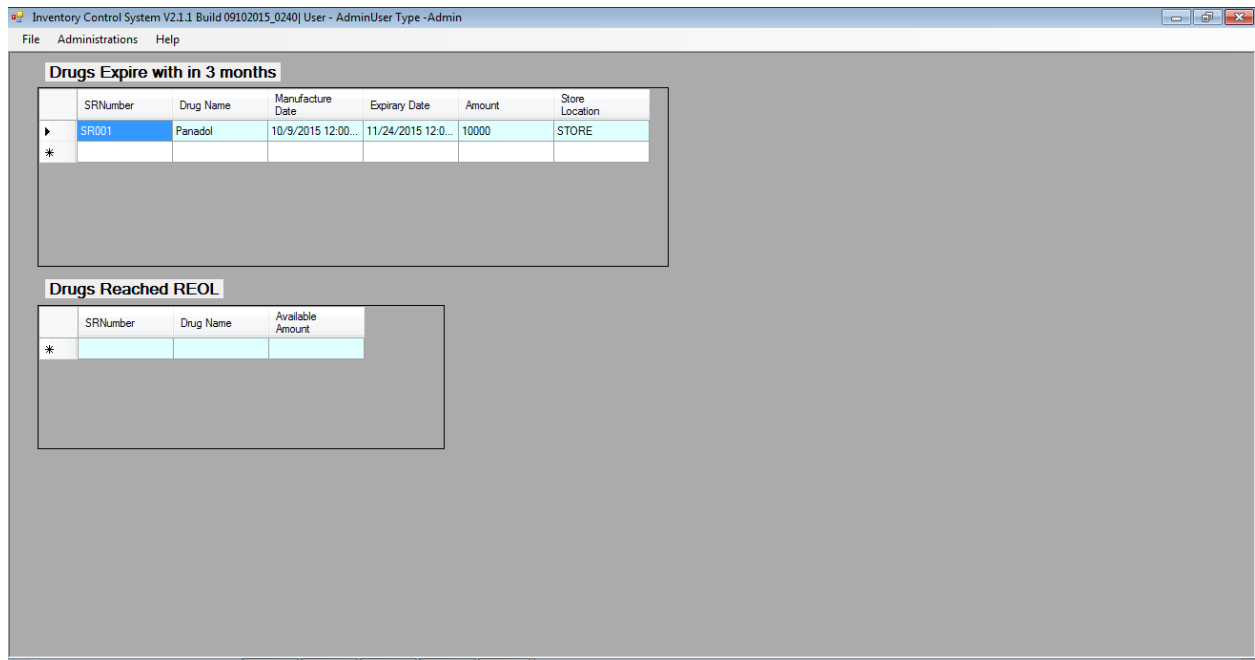
If the user is already exists in the system, user details will be displayed .

Change password

Admin type user can change the passwords of the other users. But users with the type **User** will only be allowed to changed their own password.

1. Enter user name (**User** type users, wil get their name pre seleted)
2. Enter password
3. Re Enter the same password
4. Press **Chage Password** button

Main Screen



This is the main screen of the system, which allows the users to navigate to different windows in the system and also provide some valuable information.

Inventory

File - - > Inventory

This is the main window of the system, where the user can enter Recieved or Issued drug details.

Drug Details

Drug Transaction Type: ☒ Recieve ☐ Issue

Receive Number: REC2015109- Receive Date: 10/ 9/2015

SR Number: Drug Name: Stock Label:

Manufacutre Date: 10/ 9/2015 Date Of Expiry: 10/ 9/2015

Recieve Amount: Total in Stock: 0

	Stock Label	SR Number	Drug Name	Manufacture Date	Expiry Date	Amou
*						

Add Remove

Update Clear Close

Recived or Issue number will be generated, and user must enter a value in order for the easy track.

It is possible to issue/Recive multiple drugs with once.

if a drug is added with the same SR Number, system will prompt if the system needs to retriive data from the data base for fields *Drug Name* and *Stock Label*

User should always press the add button, and add the record to the table, so that one order can have multiple drugs.

If the drug will expried with in next 3 months, as soon as **Update** button is pressed, user will see it in the main screen

If user tries to issue, it will not be possible Expired message will display inthe screen. But users are allowed to change the expiry date (V2.1.1 or lower + #13 is fixed in SUPUN_INS project in git hub)

Total by SR Number

File - - > Toatal per SR Number

This will allow the users to get the total of drugs by SR Number.

The screenshot displays the 'Inventory Control System V2.1.1' interface. The main window has a menu bar with 'File', 'Administrations', and 'Help'. Below the menu bar, there are two sections: 'Drugs Expire with in 3 months' and 'Drugs Reached REOL'. The 'Drugs Expire with in 3 months' section contains a table with columns: SRNumber, Drug Name, Manufacture Date, Expiry Date, Amount, and Store Location. The 'Drugs Reached REOL' section contains a table with columns: SRNumber, Drug Name, and Available Amount. A report window titled 'OrderBySRNumber' is open, showing a table titled 'Total by SR Number' with columns: SRNumber, DrugName, TotalStock, and REOL. The report window also displays the 'Report Generated Date : 10/11/2015 1:02:01 PM'.

SRNumber	Drug Name	Manufacture Date	Expiry Date	Amount	Store Location
SR001	Panadol	3/15/2015 12:00...	3/31/2015 12:00...	1000	ST001

SRNumber	Drug Name	Available Amount
SR001	Panadol	1000

SRNumber	DrugName	TotalStock	REOL
SR001	Panadol	1000	2000

Report Generated Date : 10/11/2015 1:02:01 PM

Also allows the users to enter a REOL (Re Order Level value) of drugs. When drugs reached the REOL such drugs will be displayed in the main screen under 'Drugs Reached REOL'

REOL is specific to SR number, and can be added double clicking the specific drug

OrderBySRNumber

Total by SR Number

	SRNumber	DrugName	TotalStock	REOL
▶	SR001	Panadol	1000	2000
*				

Enter Re order Level to change

Change Re order Level for SR001

2000

OK

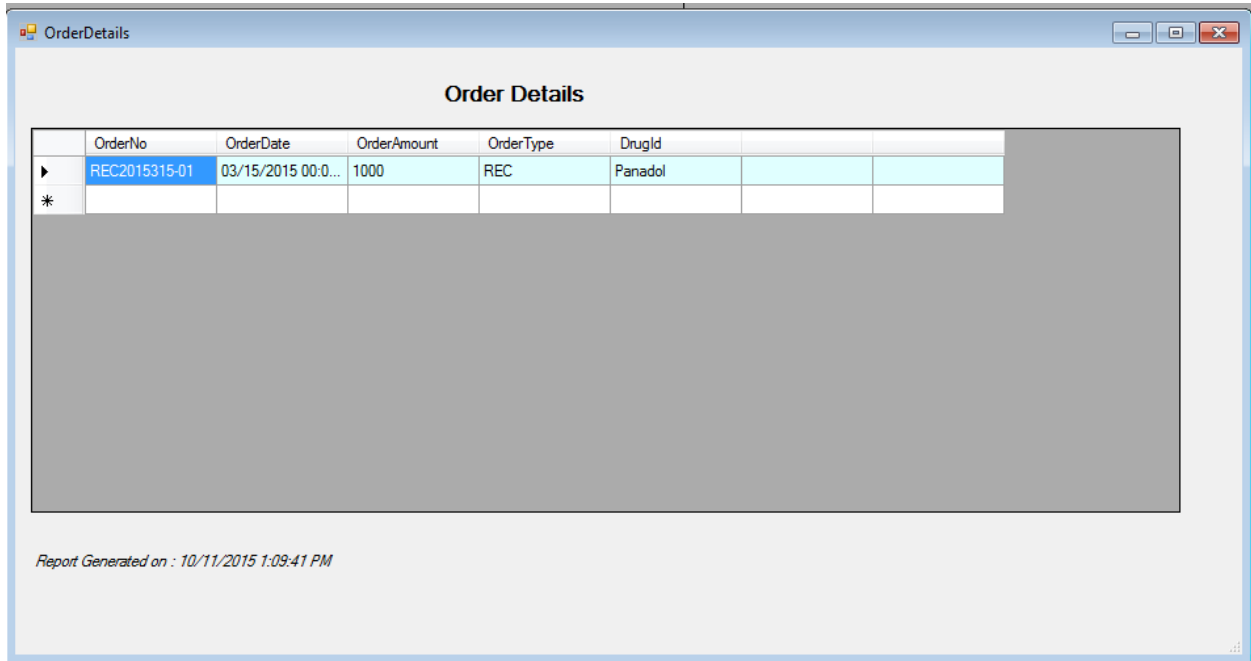
Cancel

Report Generated Date : 10/11/2015 1:02:01 PM

Order Details

File - - > Order

All the order details will be displayed



The screenshot shows a window titled "OrderDetails" with a standard Windows-style title bar. Inside the window, the text "Order Details" is centered at the top. Below this is a table with the following columns: OrderNo, OrderDate, OrderAmount, OrderType, DrugId, and several empty columns. The first row of data is highlighted in light blue and contains the values: REC2015315-01, 03/15/2015 00:0..., 1000, REC, and Panadol. A second row is partially visible below it, starting with an asterisk (*). Below the table is a large, empty gray rectangular area. At the bottom left of the window, the text "Report Generated on : 10/11/2015 1:09:41 PM" is displayed.

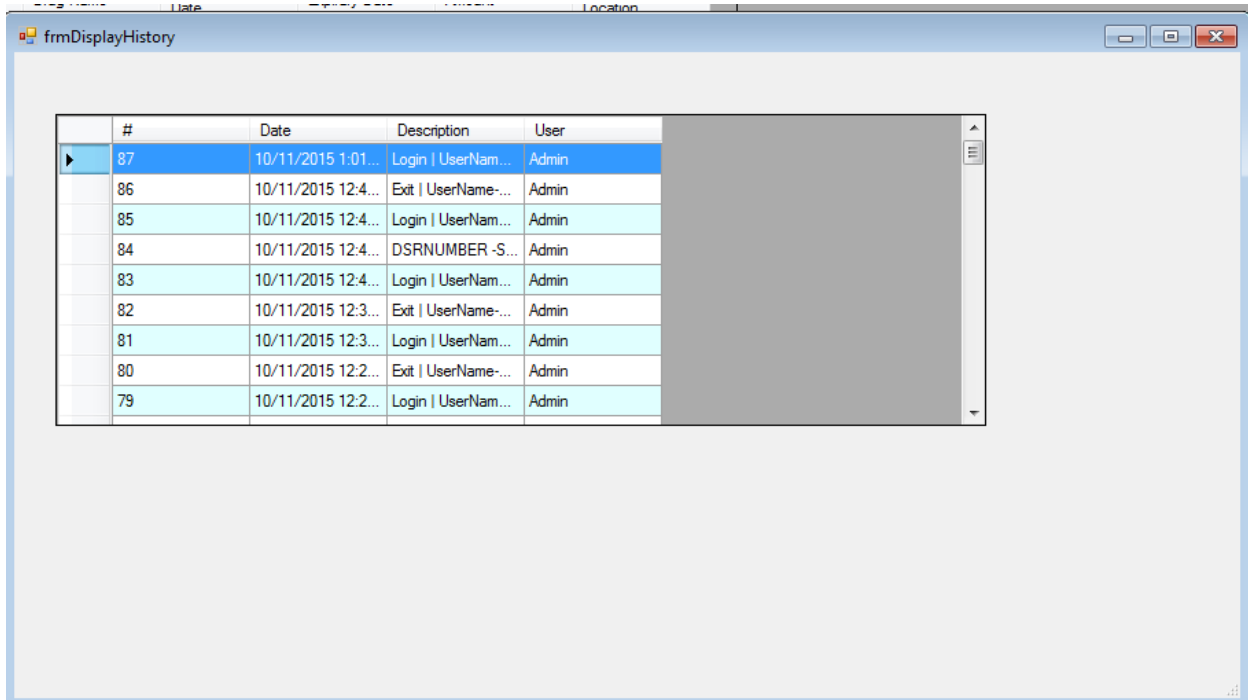
	OrderNo	OrderDate	OrderAmount	OrderType	DrugId			
▶	REC2015315-01	03/15/2015 00:0...	1000	REC	Panadol			
*								

Report Generated on : 10/11/2015 1:09:41 PM

History

Administration - - > History

It is possible to see the history of what has happened in the system.



The screenshot shows a window titled "frmDisplayHistory" with a table of system history. The table has five columns: #, Date, Description, and User. The data is as follows:

#	Date	Description	User
87	10/11/2015 1:01...	Login UserNam...	Admin
86	10/11/2015 12:4...	Exit UserName-...	Admin
85	10/11/2015 12:4...	Login UserNam...	Admin
84	10/11/2015 12:4...	DSRNUMBER -S...	Admin
83	10/11/2015 12:4...	Login UserNam...	Admin
82	10/11/2015 12:3...	Exit UserName-...	Admin
81	10/11/2015 12:3...	Login UserNam...	Admin
80	10/11/2015 12:2...	Exit UserName-...	Admin
79	10/11/2015 12:2...	Login UserNam...	Admin