

Drug Inventory Management System (DMIS)

Drug Inventory Management System

Drug Inventory Management System

Medicine Receipt (Stock In)

Medicine Distribution (Stock Out)

Medicine Register (Stock Register)

Expiry List

Indent Medicine

Add New Medicine Name in Stock List

Settings

Exit

Medicine Receipt:

Each medicine details that have been receipt will must have to enter into the form as stock in.

- Enter Medicine name from the dropdown list. If medicine name not found in the drop down list then first enter the medicine name in the list from **Add New Medicine name in Stock List** form.
- Medicine Code, Unit of Measurement and Balance of the selected medicine will automatically displayed
- Enter Transaction date as given format (dd-mm-yyyy). Transaction date cannot be greater than today's date
- Enter Medicine Batch Number. Batch Number dropdown list shows the list of batch numbers that had been received earlier. Because one can receive medicine with the same batch number twice
- Enter Medicine Expiry Date. If the earlier batch number have been selected in Batch Number field, then Expiry Date will appear automatically
- Enter medicine Quantity Received.

Drug Inventory Management System

Medicine Receipt	
Enter Medicine Name:	<input type="text"/>
Medicine Code:	<input type="text" value="Code"/>
Unit of Measurement:	<input type="text" value="Unit"/>
Balance:	<input type="text" value="Balance"/>
Transaction Date:	<input type="text"/> (dd-mm-yyyy)
Batch Number:	<input type="text"/>
Expiry Date	<input type="text"/> (dd-mm-yyyy)
Quantity Received:	<input type="text"/>
<input type="button" value="Add"/>	<input type="button" value="Close"/>

Medicine Distribution:

Each medicine details that have been distributed will must have to enter into this form as stock out.

- Enter Medicine Name from the dropdown list. If medicine has stock out, appropriate alert will appear
- Select Batch Number of the medicine. This field shows medicine batch no, expiry date and Balance. If medicine expires or stock balance is 0 then appropriate alert will appear
- Transaction date (dd-mm-yyy) cannot be less then equal (\leq) Drug Receiving Data and greater than equal (\geq) today's date
- Depending on selected Batch Number, Drug Receiving Date and Drug Expiry Date will show the dates
- Balance of Selected Medicine displays the stock balance of selected Batch Number
- Quantity distributed will always less than equal (\leq) Balance stock of batch number selected.

Drug Inventory Management System

Medicine Distribution			
Enter Medicine Name:	<input type="text"/>		
Medicine Code:	<input type="text"/>	Unit of Measurement:	<input type="text"/>
Batch Number:	<input type="text"/>		
Transaction Date:	<input type="text"/>	(dd-mm-yyyy)	
Drug Receiving Date:	<input type="text"/>	Drug Expiry Date:	<input type="text"/>
Balance of Selected Medicine - <input type="text"/>			
Quantity Distributed:	<input type="text"/>		
<input type="button" value="Distribute"/>		<input type="button" value="Close"/>	

Medicine Register (Stock Register):

This form displays the details of periodic stock register (date wise) as well as medicine wise stock register of the medicine received or distributed.

- By default, the form displays total received and distributed medicine lists to date.
- Select All/Received/Distributed option from List Option and press Display button. It will display All/Received/Distributed medicine list until date.
- For date wise medicine Received/Distributed list, select [✓] Activate Periodic Register checkbox, and give **From Date** and **To Date**, then press Display button. It will display medicine list between selected date ranges.
- If Medicine Name is selected, List will be displayed for the selected medicine only.
- **PRINT** the Medicine/Stock Register displayed.

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Medicine Register (Stock Register)

List Option

- ☐ All
- ☐ Received
- ☐ Distributed

☐ **Activate Periodic Register**
Periodic register (dd-mm-yyyy)
From Date To Date

#All Medicine

Display

Print

Exit

Select Medicine Name:

Medicine Name	Unit Size	Batch No	Expiry Date	Quantity Received	Quantity Issue
Paracetamol - Syrup	I Btl	ab	31-01-22	100	
Paracetamol - Syrup	I Btl	ab	03-03-22		10
Paracetamol - Syrup	I Btl	ab	03-03-22		20
Paracetamol - Syrup	I Btl	ab	03-03-22		20
Paracetamol - Syrup	I Btl	ab	03-03-22		50
Amoxicillin - Capsule 250 mg	I Btl	ab	03-03-22		50
Albendazole - Tablet 400 mg	I Tab	abc	31-01-22	100	
Amoxicillin - Capsule 250 mg	I Cap	a	31-01-22	100	
Amoxicillin - Capsule 250 mg	I Cap	a	31-01-22	20	
trymed	I btl	trymed123	05-02-22	500	
trymed	I btl	trymed123	05-02-22	100	
trymed	I btl	trymed123	05-02-22		100
trymed	I btl	trymed123	05-02-22		50
trymed	I btl	trymed123	05-02-22		50
Paracetamol - Syrup	I Btl	abc	19-02-22	100	
Paracetamol - Syrup	I Btl	ab	01-01-22	100	
Paracetamol - Syrup	I Btl	ab	01-01-22		10
Zinc sulphate - Dispersible Tablet 20 mg	I Tab	ZI	05-02-22	100	
Zinc sulphate - Dispersible Tablet 20 mg	I Tab	ZI	05-02-22		10
Zinc sulphate - Dispersible Tablet 20 mg	I Tab	ZI	05-02-23	10	
Zinc sulphate - Dispersible Tablet 20 mg	I Tab	ZI	05-02-23	10	

Expired/Near Expiry Medicine List:

This form displays the details of Expired/Near Expiry Medicine.

- **Expired** button shows the list of medicine that has been already expired
- **Near Expiry** button shows the list of medicines that will expire in the coming 30 days.
- **PRINT** the list displayed

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Expired/Near Expiry Medicine List

Expired

Near Expiry

Print

Close

Medicine Indent:

This form helps to indent medicine and display indent register based on indentation date.

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Medicine Indent

Indentation Date:

Enter Medicine Name:

Quantity Indent:

Add to Indentation List

Medicine Information

Medicine Code:

Unit of Measurement:

Balance:

Suggestion for Indentation:

Indent for ONE month: ONE

Indent for THREE months: THREE

Date wise Indent Register

Select Date:

Show Register

Exit

Stock Available:

Medicine Name	Current Balance
Paracetamol - Syrup	90
Albendazole - Tablet 400 mg	200
Amoxicillin - Capsule 250 mg	120
trymed	400
Paracetamol - Syrup	100
Zinc sulphate - Dispersible Tablet 20 mg	130
Paracetamol - Syrup	200
NewMed	400
New	0
NewMed	90
NewMed	1
NewMed	10

Indentation List Dated - 20-

Delete Entry

Finalize List

PRINT List

Medicine Name	Unit Size	Stock in Hand	Indentation Date	Quantity Indented
Acetylsalicylic Acid - Tablet 300 mg to 500 n	1 Tab	0	20-Feb-20	10

This form has 4 part-

1. **Stock Available:** This part shows the medicine name with stock in hand. Therefore, that it will be easy to indent medicines because one can see the stock register side by side.

Stock Available:	
Medicine Name	Current Balance
Paracetamol - Syrup	90
Albendazole - Tablet 400 mg	200
Amoxicillin - Capsule 250 mg	120
trymed	400
Paracetamol - Syrup	100
Zinc sulphate - Dispersible Tablet 20 mg	130
Paracetamol - Syrup	200
NewMed	400
New	0
NewMed	90
NewMed	1
NewMed	10

2. Indent Medicine:

Provide **Indentation Date**, **Medicine Name** and **Quantity** of the medicine to be indented. Then press **Add to Indentation List** button. It will transfer the given details to **Indentation List** box.

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Medicine Indent

Indentation Date: Enter Medicine Name: Quantity Indent:

Add to Indentation List

3. Indentation List:

- By default, this box shows the indentation list created earlier and not finalized.
- After adding needed medicine list for indentation, one can **Delete** selected medicine details from the Indentation List box by pressing **Delete Entry** button.
- Print the list to be indented and finalize with the team.
- After finalization of the Indentation list, press **Finalize List** Button. It will ask confirmation. After Finalization of the Indented list, it will not be available for modification.

Indentation List Dated - 20-Feb-20		Delete Entry	PRINT List	Finalize List
Medicine Name	Unit Size	Stock in Hand	Indentation Date	Quantity Indented
Acetylsalicylic Acid - Tablet 300 mg to 500 n	1 Tab	0	20-Feb-20	10

4. Date wise Indent Register:

Select Date and press **Show Register** button. It will display the indentation register of selected date. One can print the indent register of selected date.

Date wise Indent Register

Select Date: **19-Feb-20** ▼

Show Register

Medicine Indentation Register (19-Feb-20)

Medicine Name	Unit Size	Stock in Hand	Transaction Date	Quantity Indented
Activated charcoal - Powder (as licensed)	I Tab	0	19-Feb-20	500
Cetirizine - Tablet 10 mg		0	19-Feb-20	5000
Oral rehydration salts		0	19-Feb-20	100
Oxygen - Inhalation (Medicinal gas)		0	19-Feb-20	10
Oxygen - Inhalation (Medicinal gas)		0	19-Feb-20	10

Print

Exit

Add New Medicine Name In Stock List:

Enter proper **Medicine Name** with **Medicine Code** and **Unit Size** of the medicine, if medicine name is not found in the dropdown list.

Drug Inventory Management System



Add New Medicine Name in Stock List

New Medicine Name:

Medicine Code:

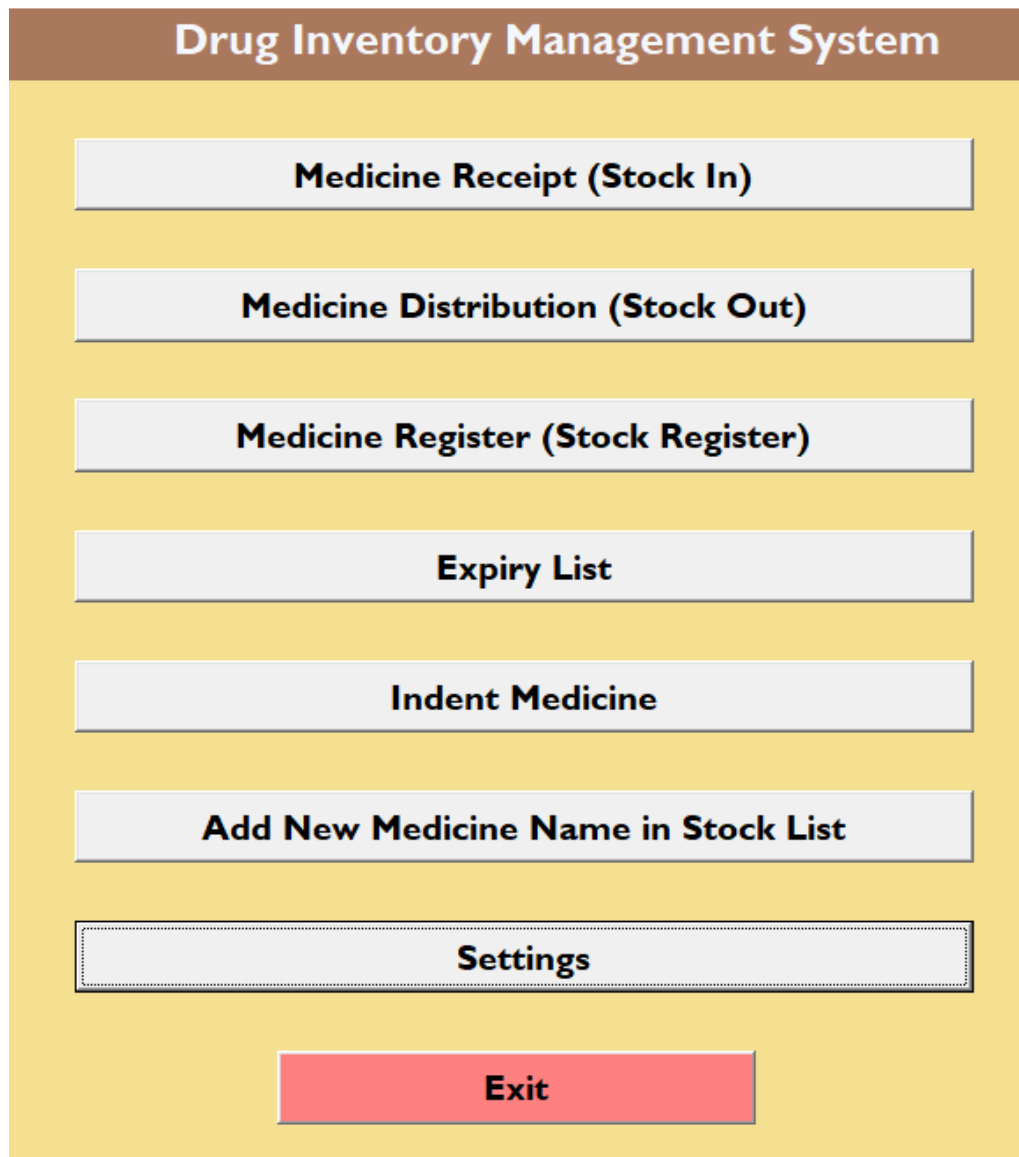
Unit Size:

Add Stock

Close

Settings:

It will ask the **PASSWORD**, if password is incorrect, it will display the appropriate alert.



The main menu of the Drug Inventory Management System is displayed on a yellow background with a brown header. The header contains the title "Drug Inventory Management System" in white text. Below the header, there are seven buttons arranged vertically, each with a black border and a light gray background. The buttons are labeled: "Medicine Receipt (Stock In)", "Medicine Distribution (Stock Out)", "Medicine Register (Stock Register)", "Expiry List", "Indent Medicine", "Add New Medicine Name in Stock List", and "Settings". The "Settings" button is highlighted with a dotted border. At the bottom of the menu, there is a red button labeled "Exit".

Drug Inventory Management System

Medicine Receipt (Stock In)

Medicine Distribution (Stock Out)

Medicine Register (Stock Register)

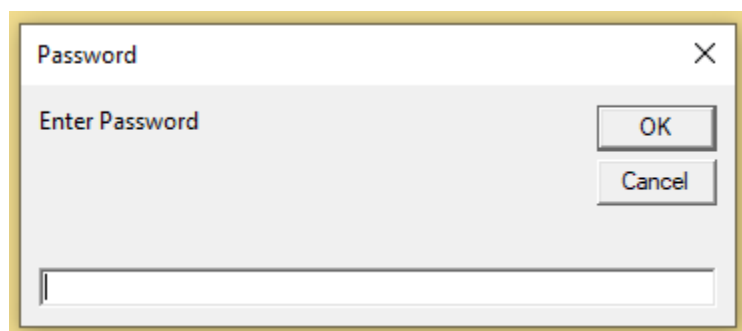
Expiry List

Indent Medicine

Add New Medicine Name in Stock List

Settings

Exit



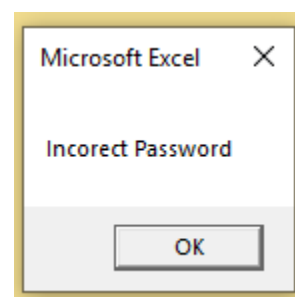
A dialog box titled "Password" with a close button (X) in the top right corner. The dialog box contains a text input field labeled "Enter Password" and two buttons: "OK" and "Cancel".

Password

Enter Password

OK

Cancel



A dialog box titled "Microsoft Excel" with a close button (X) in the top right corner. The dialog box contains the text "Incorect Password" (note the spelling) and an "OK" button.

Microsoft Excel

Incorect Password

OK