



Dotmark Medical Solutions (DMS) User Manual

"Easy, Quick and Efficient"

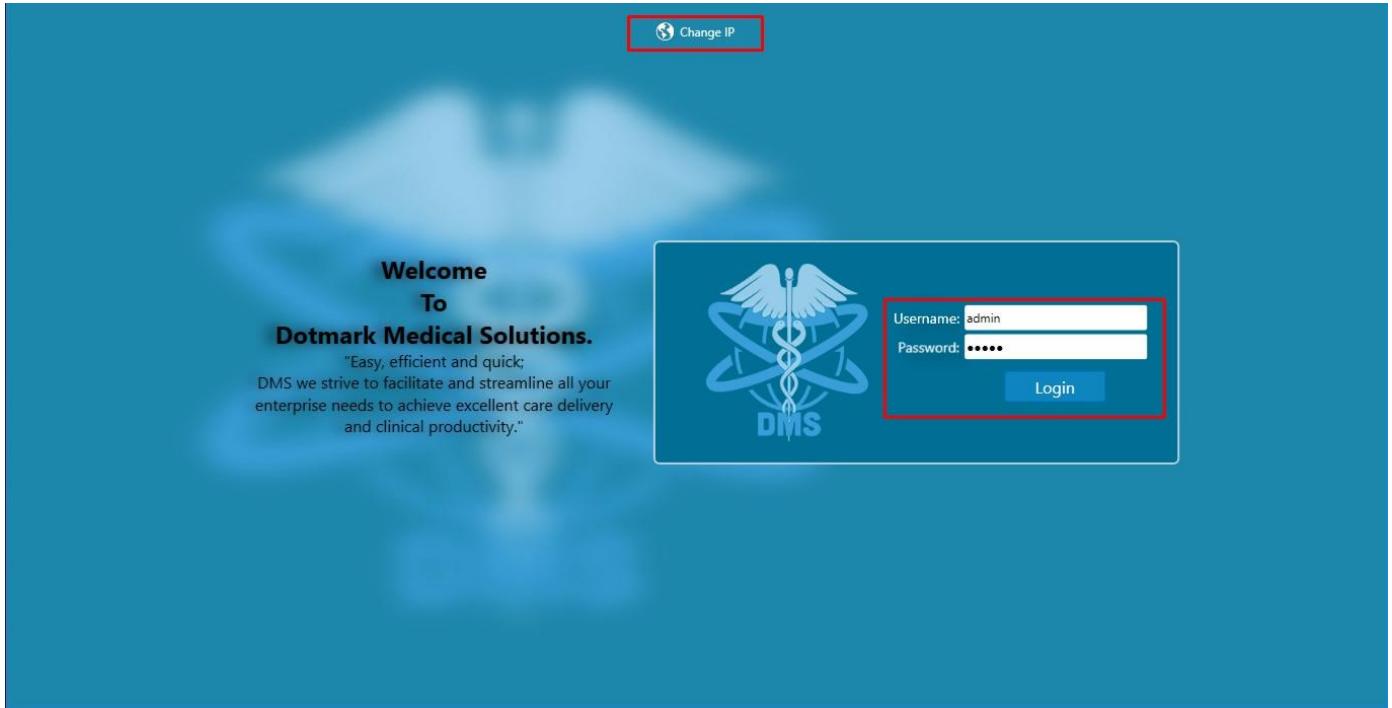
At DMS we strive to facilitate and streamline all your enterprise needs to achieve excellent care delivery and clinical productivity.

Introduction

Open DMS and login using your username and password. This manual will be using an Admin account who has full access to the DMS facilities.

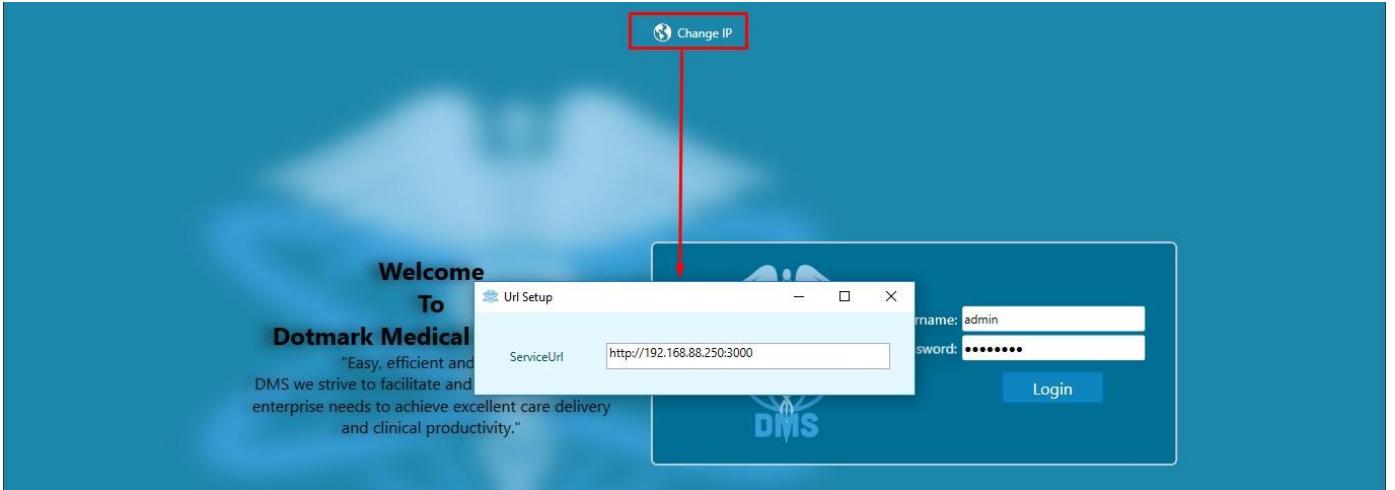
NOTE: Not all the users are given access to all the facilities. Access varies with different departments and their needs.

- Login screen mainly consist of Username, Password and a Login button as in the image below.



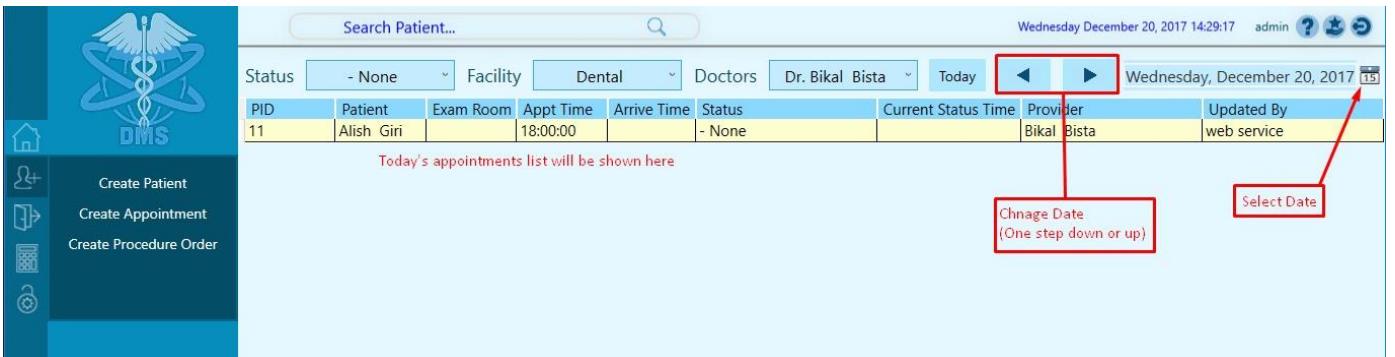
- In addition, it also has an Earth logo on the top right corner which does the URL setup. This URL setup contains **http://** followed by your IP address (**192.168.88.250** in this case) and the port on which the web service is running (**3000** in this case). This web service runs in the server. Port must be separated from the IP address using a colon (:).

NOTE: The IP address is unique to each server. Port may also vary in your case.



With successful login you will be directed to the Home screen. Home screen contents will be discussed below,

- This page displays all the Doctor's appointments for today. Past and future appointments can also be viewed by selecting the date options.
- The *status* should be selected **None** until further notice.
- Appointments for specific *facility* and respective *Doctors* can also be view separately.



- Right click on an appointment from the list, gives you access to *change status* and *view patient*.



Change Status will display a pop up, where user can change the *Status Type* and *Exam Room Number* for the selected patient as shown in the image below.

Status	--Select Status---	Facility	--Select Facility---	Doctors	--Select Provider---	Today	<	>	Monday, February 5, 2018
PID	Patient	Exam Room	Appt Time	Arrive Time	Status	Current Status Time	Provider	Updated By	
65	Surendra Lo		11:00:00		- None		Philip Shyam Ranjit	admin	
70	1 1 1		16:00:00	10:45 AM	@ Arrived	104 mins	Philip Shyam Ranjit	web service	

Change status for: Surendra Long

Status Type: - None

Exam Room Number: ---Select Room---

Save Cancel

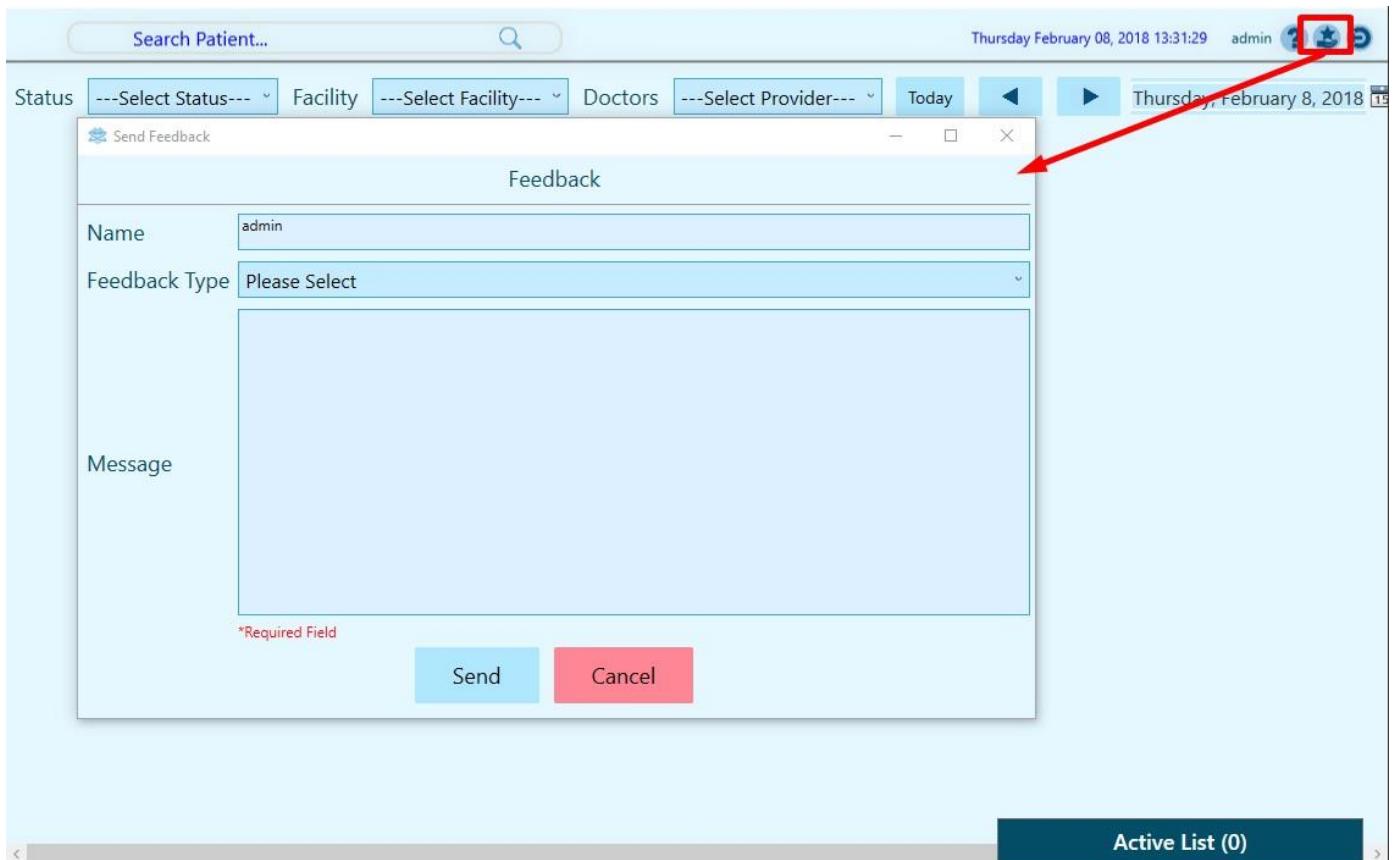
View Patient will navigate to the [Patient Page](#) of the patient selected.

- Left Nav Bar contains five icons. As shown in the image below hover over them to see a tooltip that pops up a message with their individual names.
- Search existing patients from the **Search Patient** bar on the top of the screen.
- Select appropriate date from the **Status** to see the appointment for that date.

Note that the date and time in DMS is configured from the server automatically but not from the computer you are using.

The screenshot shows the DMS application interface. On the left is a dark blue vertical navigation bar with icons for Home, Account Reports, Cash Register, Day Book, Cash Collection, Price Check, and About us. The 'About us' icon has a red box around it with the text 'Tooltip on hover'. The main area has a light blue header with search fields for 'Search Patient...', 'Status', 'Facility', 'Doctors', and date/time controls ('Today', '<', '>', 'Thursday, February 8, 2018'). The main content area displays a message 'No items to display'. In the top right corner, there are user status indicators ('admin'), help links ('Show help file', 'Feedback'), and a 'Log out' button. A red box highlights the 'Log out' button.

The feedback button can be used to send messages regarding the DMS functionalities. Any bug, issue or recommendations for improvements can be sent from here. Please be very specific in providing descriptions while sending messages.



Create a New Patient

- Click on the **Create New** icon on the Left Nav Bar.
- Click on **Create Patient** tab on the left side of your screen to register a new patient.

The screenshot shows the DMS software interface. On the left, there is a vertical navigation bar with icons for Home, Create Patient (highlighted in blue), Create Appointment, Create Procedure Order, and Help. The main area is titled "Create New Patient". It has two sections: "Required Details" and "Other Details".

Required Details:

- Name: A dropdown menu labeled "---Select Titles---" followed by three empty input fields.
- D.O.B.: A date input field showing "08/02/2018" with a calendar icon, a "Nepali Date" button, and a "Sex" dropdown.

Other Details:

- Citizenship/Passport No: An input field.
- Mother's Name: An input field.
- Driving License No: An input field.
- Father's Name: An input field.
- Blood Group: A dropdown menu labeled "---Select Blood Group---".
- Guardian's Name: An input field.
- Marital Status: A dropdown menu labeled "---Select Marital Status---".
- Home Phone: An input field.
- Address: An input field.
- Mobile Phone: An input field.
- City: An input field.
- Work Phone: An input field.
- Country: A dropdown menu showing "Nepal".
- Emergency Phone: An input field.
- District: A dropdown menu labeled "---Select District---".
- Contact Email: An input field.
- Zone: A dropdown menu labeled "---Select Zone---".
- Trusted Email: An input field.
- Postal Code: An input field.
- Ethnicity: A dropdown menu labeled "---Select Ethnicity---".
- Race: A dropdown menu labeled "---Select Race---".

At the bottom right of the form is a button labeled "Active List (0)".

- Enter the details of the new patient, scroll down and press **Save** to create a new patient or press **Cancel** to discard the new entry.

NOTE: Simply enter age of the patient directly into the **Age in Years** section inside the **Nepali date** to auto calculate the right date of birth of the patient. Nepali date of birth can also be easily converted to English date of birth from here.

Search Patient... 

Monday December 11, 2017 15:30:22 admin  

D.O.B	11/12/1942 15:25:05  Nepali Date	Sex	---Select Gender---
Other Details			
Citizenship/Passport No	Mother's Name		
Driving License No.	Eng-Nep Date Converter		
Blood Group	Select Year(B.S)  Select Month  Select Day 		
Marital Status			
Address			
City	Age in Years :  		
Country			
District	---Select District---		
Zone	---Select Zone---		
Postal Code			
Race	Ehnicity ---Select Ethnicity---		

Eng-Nep Date Converter

Select Year(B.S)  Select Month  Select Day 





- If any mandatory field are missing, then red border around that field will appear.

Search Patient... Anpur Anpur

Monday December 11, 2017 15:33:31 admin

Required Details

Name	---Select Titles---	Anpur	→	
D.O.B	11/12/1967 15:33:13 15	Nepali Date	Sex →	---Select Gender---

Other Details

Citizenship/Passport No	Mother's Name
Driving License No	Father's Name
Blood Group	Guardian's Name
Marital Status	Home Phone
Address	Mobile Phone
City	Work Phone
Country	Emergency Phone
District	Contact Email
Zone	Trusted Email
Postal Code	Ehnicity → ---Select Ethnicity---
Race	---Select Race---

- After successful saving of the form, you will be directed to the **Patient Page** as in the image below.

Search Patient... Anpur Katham (222200000034)

Monday December 11, 2017 15:39:39 admin

DEMOGRAPHICS	APPOINTMENT	QUICK ORDER	CARD/LABEL	BILLING	INVOICE	REFUND																																																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Name:</td> <td colspan="3">Anpur Katham</td> </tr> <tr> <td>DOB:</td> <td>12/11/1967 10:45:00</td> <td>External ID:</td> <td>222200000034 ←</td> </tr> <tr> <td>Sex:</td> <td>Male</td> <td>Mother's Name:</td> <td>Mina Khatam</td> </tr> <tr> <td>Citizenship/Passport Number:</td> <td>0902547</td> <td>Guardian's Name:</td> <td></td> </tr> <tr> <td>Driver License Number</td> <td>12345</td> <td>Father's Name:</td> <td>Tanuj Khatam</td> </tr> <tr> <td>Blood Group</td> <td>A-</td> <td>Marital Status:</td> <td>married</td> </tr> <tr> <td>Country</td> <td>Nepal</td> <td>Home Phone:</td> <td>1234566789</td> </tr> <tr> <td>Zone:</td> <td>Bagmati</td> <td>Mobile Phone:</td> <td>987654321</td> </tr> <tr> <td>District:</td> <td>Lalitpur</td> <td>Work Phone:</td> <td>01745655556</td> </tr> <tr> <td>City</td> <td>Jawlakhel</td> <td>Emergency Phone:</td> <td>01425654565</td> </tr> <tr> <td>Address</td> <td>1234 Banimandal</td> <td>Contact Email:</td> <td>example@patient.com</td> </tr> <tr> <td>Postal Code</td> <td></td> <td>Trusted Email:</td> <td></td> </tr> <tr> <td>Race</td> <td>Asian</td> <td>Ehnicity</td> <td>Declined To Specify</td> </tr> </table>							Name:	Anpur Katham			DOB:	12/11/1967 10:45:00	External ID:	222200000034 ←	Sex:	Male	Mother's Name:	Mina Khatam	Citizenship/Passport Number:	0902547	Guardian's Name:		Driver License Number	12345	Father's Name:	Tanuj Khatam	Blood Group	A-	Marital Status:	married	Country	Nepal	Home Phone:	1234566789	Zone:	Bagmati	Mobile Phone:	987654321	District:	Lalitpur	Work Phone:	01745655556	City	Jawlakhel	Emergency Phone:	01425654565	Address	1234 Banimandal	Contact Email:	example@patient.com	Postal Code		Trusted Email:		Race	Asian	Ehnicity	Declined To Specify
Name:	Anpur Katham																																																									
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Blood Group	A-	Marital Status:	married																																																							
Country	Nepal	Home Phone:	1234566789																																																							
Zone:	Bagmati	Mobile Phone:	987654321																																																							
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Postal Code		Trusted Email:																																																								
Race	Asian	Ehnicity	Declined To Specify																																																							

To find out more about Demographics, Appointment, Quick Order, Card/Label, Billing, Invoice and Refund follow this link, [Patient Page](#).

Creating a New Appointment

- Creating new appointment can be done by clicking on the **Create Appointment** tab on left side of the screen.
- Here, existing patient can be searched from **Search Patient**.
- Searching patient and selecting the required one auto fills the **Patient Details** form. Patient details editing can also be done here if needed.

7.2

The screenshot shows the DMS software interface with a blue sidebar on the left containing icons for Home, Create Patient, Create Appointment (which is selected), Create Procedure Order, and Help. The main window has a header with 'Search Patient...', a search icon, the date 'Thursday February 08, 2018 13:35:21', the user 'admin', and three help icons. The title 'Create New Appointment' is centered above two sections: 'Patient Details' and 'Appointment Details'. The 'Patient Details' section includes fields for Search Patient, Name, D.O.B (set to 08/02/2018), Sex (dropdown), Home Phone, Mobile Phone, Emergency Phone, Contact Email, District (dropdown), Zone (dropdown), and Nepali Date. The 'Appointment Details' section includes fields for Provider (dropdown), Category (dropdown), Room Number (dropdown), Facility (dropdown), Time (dropdown showing Thursday, February 8, 2018, 00 : 00 AM, 0 minutes, and a 'Find Available' button), Billing Facility (dropdown), Title (dropdown), Status (dropdown), and Comments. A dark blue footer bar at the bottom right says 'Active List (0)'.

Create New Appointment

Patient Details

Click To Search 

This Search Box Pops up! 

Name	Sex	Phone	Citizen/Passport	PID	ID	Last Encounter	Idle	Encounters
a a	Male			30	222200000030	11/30/17	11	1
Alish Giri	Male			14	222200000014	11/21/17	20	3
Anish Dhakal	Male	9841825698		9	222200000009	11/22/17	19	2
Anjana Yadav	Female	9841889920		10	222200000010	11/22/17	19	2
Anpur Katham	Male	01425654565	0902547	34	222200000034	12/11/17	0	1

<< < > >> 5 of 6

Facility ---Select Facility--- Comments

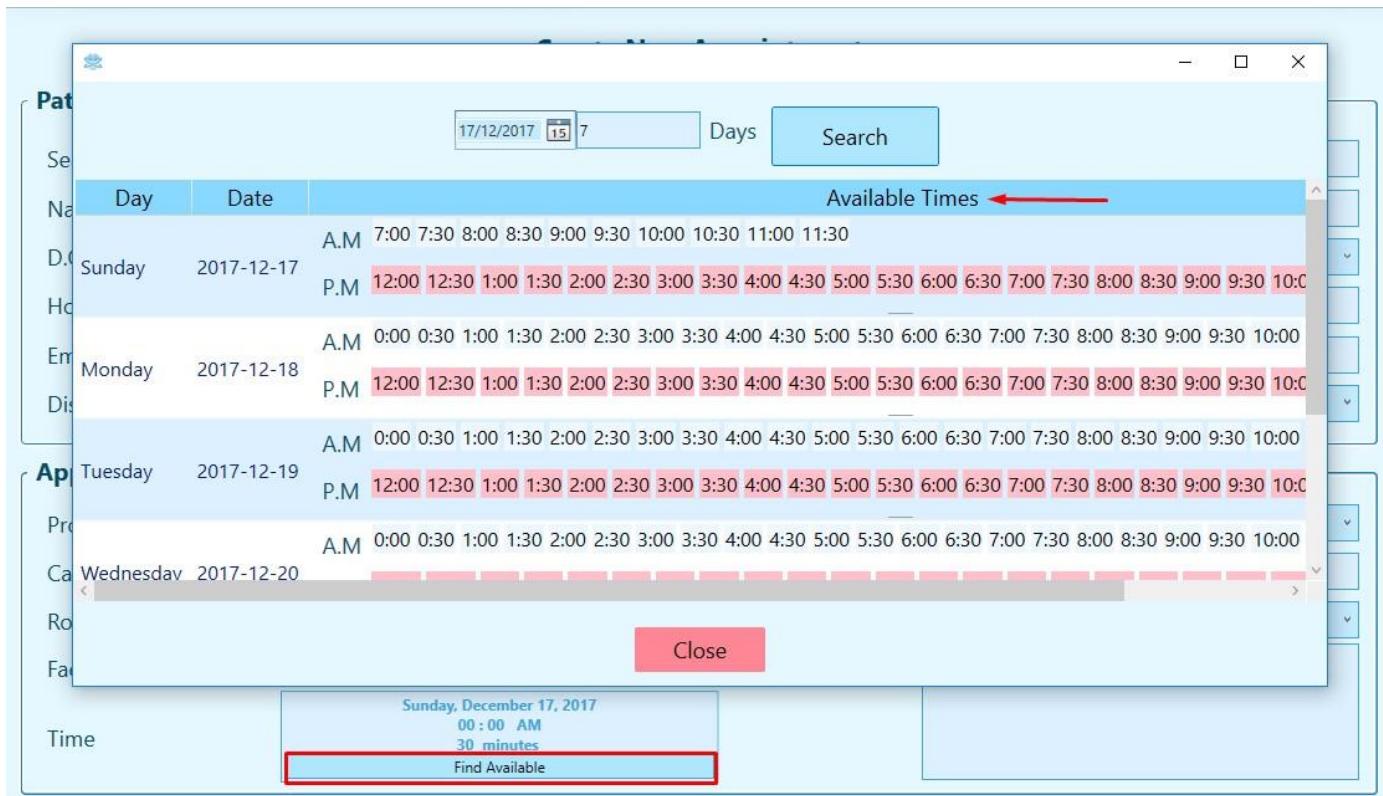
NOTE: You can also create a new patient from this window directly. To do this just skip them **Search Patient** section and proceed with the form.

- The second half i.e. **Appointment Details** consist of details of the Hospital.
- Provider:** Doctor that patient want to visit and his/her availability.
- Category:** This is the category of the patients. This dropdown will show list of items like *New Patient*, *Established Patient* or more. This is the current category status of that patient for that hospital.
- Facility:** Department of the **Provider**.
- Time:** Press **Find Available** to see **Provider's** availability. Error message will be displayed if appointment time cannot be found.
- Billing Facility:** Where the bill is being sent.
- Title:** Category's type of the **Category** selected.
- Status:** Patient appointment status for the patient visit. This should always be selected **None**.
- Comments:** Any additional notes can go here.

Appointment Details

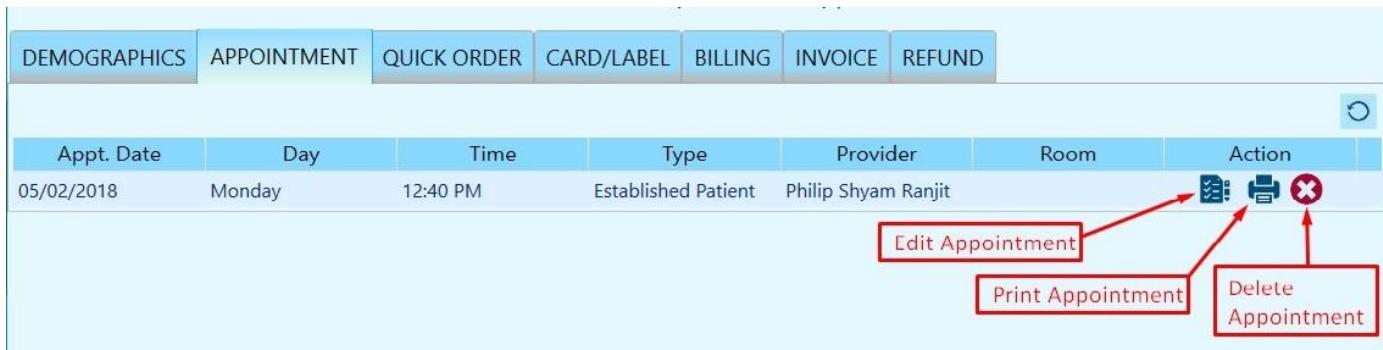
Provider	---Select Provider---	Billing Facility	---Select Billing Facility---
Category	---Select Category---	Title	
Room Number	---Select Room---	Status	---Select Status---
Facility	---Select Facility---	Comments	
Time	<div style="border: 1px solid #ccc; padding: 5px; width: 150px;"> Monday, December 11, 2017 00 : 00 AM 0 minutes <input type="button" value="Find Available"/> </div>		
		<input type="button" value="Save"/>	<input type="button" value="Clear"/>

Find Available: Shows availability of the **Provider** selected as shown in the image below.



- Once appointment is made with the respective Provider then appointment charge is added to billing.

Any new patient's appointment will be displayed in **APPOINTMENT** tab on **Patient Page** as shown below.



- Editing, Deleting and Printing can be done of the appointment created.
- Appointment editing page is shown in the image below.

NOTE: If the payment is done for an appointment for that provider then the Provider cannot be edited.

Appointment Details:

Appointment Category	Edit appointments from here	Established Patient
Title		Established Patient
Facility		General Physician
Billing Facility		General Physician
Provider		Philip Shyam Ranjit
Status		- None
Room Number		---Select Room---
Comments		

Monday, February 5, 2018 at 12:40 PM for 15 minutes [Find Available Times](#)

Save

Print

Cancel

Active List (1)

Create Procedure Order

Procedure Order is a series of tests of some kind that is requested to the patient by the doctor.

- Choose **Create Procedure Order** from the side bar on the left side of the screen.
- Fill up or search the required patient. You can also create a new patient from here itself.
- Searching patient and selecting the required one auto fills the **Patient Details** form. Patient details editing can also be done here if needed.

The screenshot shows the DMS software interface. On the left, there is a vertical sidebar with icons for Home, Create Patient, Create Appointment, and Create Procedure Order (which is highlighted). The main window title is "Create New Procedure Order". At the top, there is a search bar labeled "Search Patient..." with a magnifying glass icon. To the right of the search bar are the date "Thursday February 08, 2018 13:34:06" and the user "admin". There are also icons for help, user profile, and exit. The form is divided into two sections: "Patient Details" and "Procedure Details".

Patient Details

Search Patient	[Search Input]		
Name	[Name Input]	[Address Input]	[Phone Input]
D.O.B	08/02/2018	[Nepali Date]	Sex ---Select Gender---
Home Phone	[Home Phone Input]		
Emergency Phone	[Emergency Phone Input]		
Zone	---Select Zone---		
District	---Select District---		

Procedure Details

Ordering	[Ordering Input]		
Order Date	08/02/2018	[Priority]	Priority ---Select Priority---
Internal Time Collected	08/02/2018	1 : 33 PM	Clinical History [Clinical History Input]
Status	---Select Status---		
Procedure Type	Laboratory Test	Add Laboratory Test	

At the bottom right of the form area, there is a button labeled "Active List (0)".

- In **Procedure Details**,
- Ordering:** This is the name of the Provider. Just type in few initials of the Provider you are searching, and a box will appear with suggestions. If the provider, you are looking for is not in the list then type in the name of the provider to create a new provider.
- Order Date:** Current date of the order.
- Internal Time Collected:** Sample collected precise time.
- Status:** Status of the test conducted. Either pending, routed (in process), completed or canceled.
- Priority:** Test priority.
- Clinical History:** Previous tests results of that patient.
- Procedure Type:** Procedure type contains different types of test that a patient can perform. As shown in the image below, different test can be selected from the list.

NOTE: Just two tests are shown in the image below. There might be more in your case.

Procedure Details

Ordering			
Order Date	13/12/2017 <input type="button" value="15"/>	Priority	---Select Priority---
Internal Time Collected	Select a date <input type="button" value="15"/> 11 : 53 AM <input type="button" value="▲"/> <input type="button" value="▼"/>	Clinical History	
Status	---Select Status---		
Procedure Type	<input type="button" value="Laboratory Test"/> <input type="button" value="Radiology Test"/> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> <input type="button" value="Add Laboratory Test"/> </div>		
<input type="button" value="Save"/> <input type="button" value="Cancel"/>			

For demonstration, only **Laboratory test** example will be shown here.

Select **Laboratory test** and click on **Add Laboratory Test** to add multiple test for that patient.

Procedure Type	<input type="button" value="Laboratory Test"/> <input type="button" value="Radiology Test"/>	<input type="button" value="Add Laboratory Test"/>
<input type="button" value="Multiple Tests"/>	Laboratory Test:	<input type="text"/>
	Diagnosis Code	<input type="text"/>
	Laboratory Test:	<input type="text"/>
Diagnosis Code	<input type="text"/>	
Laboratory Test:	<input type="text"/>	
Diagnosis Code	<input type="text"/>	

By clicking on the **Laboratory Test** box as shown in the image below. **Laboratory Test Codes** will pop up. Search for required laboratory test codes here.

NOTE: Details in this page are not relevant as it is shown just for demonstration purposes.

Laboratory Test Codes:

Code	Description	Specimen Type	Price
bcm-bisgrroc	Bl. Sugar (post-dinner)	ser	Rs. 0
bcm-bisgrprd	Bl. Sugar (post-dinner)	ser	Rs.
bcm-bloodsu	Blood Sugar (1.5hrs.PP)	ser	Rs. 0
bcm-bloodsu	Blood Sugar (1hrs.PP)	ser	Rs. 0
bcm-bloodsu	Blood Sugar (2hrsPP)	ser	Rs. 0
bcm-bloodsu	Blood Sugar (30 min.PP)	ser	Rs. 0
bcm-bloodsu	Fasting Blood glucose (Blood sugar F)	ser	Rs.
bcm-pstbldpp	Post-Prandial Blood Glucose (Blood Su	ser	Rs. 67
bcm-insulin	Insulin	ser	Rs. 0
bcm-sugar(pf)	Sugar (Pleural Fluid)	fluid	Rs. 0
pst-rdcngsgr	Reducing Sugar	sto	Rs. 0
pst-sugar	Sugar	urine	Rs. 0
imm-hbsAg	HBsAg (Hepatitis B surface Antigen)	ser	Rs. 0

Cancel

Procedure Type Laboratory Test Add Laboratory Test

Laboratory Test: Click This Box

Diagnosis Code

Laboratory Test:

Dropdown at the right end of this section, shows different tests associated with the test code that has been selected. This example of Blood Sugar has just one selection.

Procedure Type Laboratory Test Add Laboratory Test

Laboratory Test: Blood Sugar (1hrs.PP)

Diagnosis Code

All CLICK to see dropdown

All
 Blood Sugar (1hrs.PP)

Any selection can be easily removed by pressing on that test and selecting ERASE. Here, by pressing **Blood Sugar (1hrs.PP)**, same window for Code Search appears. Now click on **ERASE** to remove that selection.

Laboratory Test Codes:

su

No items to display

Procedure Type Add Laboratory Test

Procedure order created will be stored in **QUICK ORDER** tab on **Patient Page**.

Patient Page

An example of **sn** has been shown in the image below which skips the lists view and opens **Ms. Sneha Prasai Patient Page**.

DEMOGRAPHICS

This page displays details of the patient. Scroll down and click **Edit** to update any changes if needed.

Click on Active Patient to show and hide the tab. The Active patient tab below shows all the patient who has been asked to wait by the front office. Click on the view patient to navigate back to the Patient Page (the screen is shown below), click remove patient to remove from the active list and click clear list to clear all patient from the active list.

Please note that to add the patient on the **Active List**, click on the icon as shown in the image below.

The screenshot shows a patient record for "Sneha Parsai(111200000075)". The top navigation bar includes a search field with "sn", a magnifying glass icon, and the date "Thursday February 08, 2018 13:00:35". The top right shows the user "admin" with icons for help, print, and exit. Below the header are tabs: DEMOGRAPHICS (selected), APPOINTMENT, QUICK ORDER, CARD/LABEL, BILLING, INVOICE, and REFUND. The main content area displays the following demographic information:

Name:	Ms. Sneha Parsai		
DOB:	29/11/1993	External ID:	111200000075
Sex:	Female	Mother's Name:	Sunena Parsai
Citizenship/Passport Number:	7554	Guardian's Name:	Mohan Parsai
Driver License Number	545445/005	Father's Name:	Mohan Parsai
Blood Group	O+	Marital Status:	sin
Country	Nepal	Home Phone:	0123456789
Zone:	Bagmati	Mobile Phone:	9856789012
District:	Lalitpur	Work Phone:	014236969
City	Lalitpur	Emergency Phone:	9856245484
Address	Jawalakhel	Contact Email:	snehaparsai@gmail.com
Postal Code	44700	Trusted Email:	snehaparsai@gmail.com
Race		Ethnicity	

A red box highlights the "Active List (1)" button next to the "View Patient" option in the context menu. Another red box highlights the "Right click on the patient to view these options." text.

APPOINTMENT

If there are any appointments of that patient, it will be displayed here.

If you want to create a new appointment then go to, [Creating New Appointment](#).

NOTE: Appointment cannot be delete if the payment has been done. So, **Delete** button will be available only if the payment has not been done.

DEMOGRAPHICS	APPOINTMENT	QUICK ORDER	CARD/LABEL	BILLING	INVOICE	REFUND
Appt. Date 05/02/2018	Day Monday	Time 12:40 PM	Type Established Patient	Provider Philip Shyam Ranjit	Room	Action

Edit Appointment

Print Appointment

Delete Appointment

Editing appointment is simple as creating a new one. Simply fill up the form, find another available date and press save. User can also print the appointment for future references.

DEMOGRAPHICS	APPOINTMENT	QUICK ORDER	CARD/LABEL	BILLING	INVOICE	REFUND
Appointment Details:						
Appointment Category	<input type="button" value="Edit appointments from here"/> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> Established Patient </div> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> Established Patient </div> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> General Physician </div> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> General Physician </div> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> Philip Shyam Ranjit </div> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> - None </div> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> ---Select Room--- </div>					
Comments						
Monday, February 5, 2018 at 12 : 40 PM for 15 minutes				<input type="button" value="Find Available Times"/>		
<input type="button" value="Save"/>			<input type="button" value="Print"/>	<input type="button" value="Cancel"/>		
Active List (1)						

QUICK ORDER

Displays procedure order of the patient (if any found). To make a new procedure order go to [Create Procedure Order](#).

NOTE: If the payment has been done then **Delete** option will not be available.

Sneha Parsai(111200000075) 

DEMOGRAPHICS	APPOINTMENT	QUICK ORDER	CARD/LABEL	BILLING	INVOICE	REFUND	Refresh Screen
--------------	-------------	-------------	------------	---------	---------	--------	----------------------------------------------------------------------------------------------

Encounter	Date	Procedure	Test Name	Status	Payment	Action
05/02/2018	05/02/2018	Occult Blood	Occult Blood		Due	Delete

CARD/LABEL

This contains information about the hospital and the patient. The label can be adjusted according to the desired size and printed. The Card size is fixed. Please note that **Card ID** will be left blank until card for that patient is issued as in the image below.

NOTE: Database information is transferred to the patient's card. Any information's previously stored in the card will be removed and overwritten by the information stored in the database.

DEMOGRAPHICS	APPOINTMENT	QUICK ORDER	CARD/LABEL	BILLING	INVOICE	REFUND
--------------	-------------	-------------	------------	---------	---------	--------

Label

Adjust size
29 mm x 90.3 mm

Godawari Medcity Polyclinic Pvt. Ltd.
Thaiba, Godawari-14, Lalitpur, Bagmati, Nepal

Sneha Parsai
30/11/1993, 24 yrs / F
9856245484, (EM) 9856245484
Jawalakhel,Lalitpur



111200000075

[Print](#)

Card

In-Card Information In-Database Information

Card ID:
Patient No:
Blood Gr.
Allergies

111200000075
O+

Godawari Medcity Polyclinic Pvt. Ltd.
Thaiba, Godawari-14, Lalitpur, Bagmati, Nepal

Patient's Card

Patient No. 111200000075
Name Sneha Parsai
DOB 30/11/1993 Sex F
Contact No 9856245484, (EM) 9856245484
Issue Date
Please bring this card each time you visit.

[Save/Overwrite](#)
[Print Card](#)
Active List (1)

Billing

All the charges will be listed here in the form of encounters. Encounters are the history of the patient visits. In the list of **Encounter** all the bold encounters mean that payment has not been made by the patient whereas the normal font encounters means that payment has been cleared.

DEMOGRAPHICS APPOINTMENT QUICK ORDER CARD/LABEL BILLING INVOICE REFUND

Encounter :	30/11/2017 10:45:00-Office Visit	Add Item :	Qty. :	Add Item	
----Select Encounter---					
Date	Type	30/11/2017 10:45:00-Office Visit	Qnty.	Unit Price	Price
11/30/2017	Ap	29/11/2017 10:45:00-Office Visit	1	380	380
		28/11/2017 10:45:00-Office Visit			
		28/11/2017 10:45:00-Office Visit			
		28/11/2017 10:45:00-Office Visit			
				Total Amt.	Rs. 399
				Payment Required/Pending	
				Pay >>	

NOTE: In case of **tax amount difference** for different items, bill must be paid separately for different taxable amount.

DEMOGRAPHICS APPOINTMENT QUICK ORDER CARD/LABEL BILLING INVOICE REFUND

Encounter :	05/02/2018-Established Patient	Add Item :	Qty. :	Add Item				
Date	Type	Code	Description	Qnty.	Unit Price	Price	Tax	Sub Total
2/5/2018	items	1112000001	ER Registration	1	190.00	190.00	15	218.50
2/5/2018	Appointment	1112000001	Appointment for Dr. Philip Shyam Ranjit	1	351.50	351.50	5	369.08
				Total Amt.	Rs. 587.58			
				Pay >>				

- In addition, any extra items can be added by filling the add item field and pressing **Add Item**.

Sneha Parsai(111200000075)+

DEMOGRAPHICS APPOINTMENT QUICK ORDER CARD/LABEL BILLING INVOICE REFUND

Encounter :	05/02/2018-Established Patient	Add Item :	Qty. :	Add Item				
Date	Type	Code	Description	Price	Price	Tax	Sub Total	
2/5/2018	items	1112000001	ER Registration	0.00	190.00	15	218.50	
2/5/2018	Appointment	1112000001	Appointment for Dr. Philip Shyam Ranjit	.50	351.50	5	369.08	
				Total Amt.	Rs. 587.58			
				Pay >>				

If there is a price difference, then pressing **Pay** will display the following page.

DEMOGRAPHICS	APPOINTMENT	QUICK ORDER	CARD/LABEL	BILLING	INVOICE	REFUND
Description		Sub Total	Tax Rate	Tax Amount	Total	
VAT		190	15%	28.5	218.5	
HST		351.5	5%	17.58	369.08	

Grand Total : 587.57999999999993 [<<Checkout Page](#)

Click on an item to pay for it separately. This will allow patient to have different receipt for different taxable amount.

- Proceed with the payment by clicking on **Pay**. Discounts and comments can be given here.
- The comments are categorized as **Private** or **Public**. Public comment will be visible on the print out whereas private comments will not be included in the print outs.
- Payment Method** can be selected depending upon the patients request. Patients VAT or PAN number can also be included in the receipt.

Sneha Parsai(111200000075) +

DEMOGRAPHICS	APPOINTMENT	QUICK ORDER	CARD/LABEL	BILLING	INVOICE	REFUND
<input checked="" type="checkbox"/> Date	Type	Code	Description	Qty.	Rate	Price
<input checked="" type="checkbox"/> 2/5/2018 11:15: items		1112000001	ER Registration	1	190	190.00

Notes

Private Public

[Pay](#)
[Pay And Print](#)
[Cancel](#)

Sub Total: Rs. 190
 Discount: Percent: 0 Rs. 0
 VAT(15%): Rs. 28.5
 Total Amt.: Rs. 218.5
 Payment Method: Cash
 Paid Amt.: 220
 Change Amt.: Rs. 1.5
 Customer VAT/PAN: AAAPL1234C

INVOICE: After hitting the **Pay** button above, invoice is generated. Invoice can be reprinted to present it to the patients. Just right click on the invoice and select the item that you want to view.

Search Patient...

Monday December 11, 2017 14:38:09 admin

Sneha Prasai (222200000028)

DEMOGRAPHICS	APPOINTMENT	QUICK ORDER	CARD/LABEL	BILLING	INVOICE	REFUND
#Invoice	Patient Id	Sub Total	Tax	Discount /	Discount Type	Total
21	222200000028	20	0.9	2	percent	18.9
22	222200000028	380		0	percent	399
23	222200000028	380		0	percent	399

[View Items](#) [View Refunds](#)

Right click to see this message

- The reprint can be made by selecting **View Items** and pressing **Reprint**. This copy will be printed with label of *Copy of Original* and number of copies that has been printed. Similarly, refunds can also be viewed from **View Refunds**.

The screenshot shows a software application window with a toolbar at the top containing buttons for DEMOGRAPHICS, APPOINTMENT, QUICK ORDER, CARD/LABEL, BILLING, INVOICE, and REFUND. The INVOICE button is highlighted. Below the toolbar is a table titled 'Invoice' with columns: #Invoice, Date, Type, Code, Description, Qty., Rate, and Price. The table contains three rows of data. A modal dialog box is overlaid on the main window, titled 'Invoice'. It displays a summary of charges and a 'Reprint' button. The summary includes: Sub Total 380, Discount 0%, VAT(5 %) 19, Total Amt. 399, Payment Method cash, Paid Amt. 500, and Change Amt. 101.

REFUND

Make a note of the invoice id from the invoice page above. And enter that invoice id in the **Invoice Id**.

The screenshot shows a software application window with a search bar at the top labeled 'Search Patient...' and a date/time stamp 'Monday December 11, 2017 14:46:41' along with user information 'admin'. Below the search bar is a toolbar with buttons for DEMOGRAPHICS, APPOINTMENT, QUICK ORDER, CARD/LABEL, BILLING, INVOICE, and REFUND. The REFUND button is highlighted. A form below the toolbar includes fields for 'Invoice Id:' (with a red underline), 'Submit', 'Invoice #:', 'Date:', 'Tax Rate:', 'Discount:', and 'Total : Rs. 0'. Below this is a message 'No items to display'. Further down is a large blue button labeled 'Refund'. At the bottom, there is a section titled 'Refunded List' with the message 'No items to display'.

- The image below shows an example of **Invoice Id** 22.
- Double click on the **Return Qty.** Please make sure to add the right quantity in this section.

Search Patient... 

Monday December 11, 2017 15:02:14 admin ? 🔍

Sneha Prasai (222200000028)

DEMOGRAPHICS **APPOINTMENT** **QUICK ORDER** **CARD/LABEL** **BILLING** **INVOICE** **REFUND**

Invoice Id: 22	Submit	Invoice #: 22 Date: 29/11/2017 Tax Rate: 5% Discount: 0%					
<input checked="" type="checkbox"/> Type	Code	Description	Qty.	Return Qty.	Rate	Paid Amt.	Return Amt.
<input checked="" type="checkbox"/> Appointment	222200000003	Dr. Dotmark Solution appointment charge	1	380	399	0	Total : Rs. 0

Refund

Refunded List

Type	Code	Description	Returned Qty	Rate	Return Amt.
Appointment	222200000003	Dr. Dotmark Solution appointment charge	1	380	399

Search Patient... 

Monday December 11, 2017 14:54:46 admin ? 🔍

Sneha Prasai (222200000028)

DEMOGRAPHICS **APPOINTMENT** **QUICK ORDER** **CARD/LABEL** **BILLING** **INVOICE** **REFUND**

Return Quantity should match the previous billing quantity

Invoice Id: 22	Submit	Invoice #: 22 Date: 29/11/2017 Tax Rate: 5% Discount: 0%					
<input checked="" type="checkbox"/> Type	Code	Description	Qty.	Return Qty.	Rate	Paid Amt.	Return Amt.
<input checked="" type="checkbox"/> Appointment	222200000003	Dr. Dotmark Solution appointment charge	1	1	380	399	399

Total : Rs. 399

Refund

Refunded List

Type	Code	Description	Returned Qty	Rate	Return Amt.
Appointment	222200000003	Dr. Dotmark Solution appointment charge	1	380	399

Search Patients

- Find **Search Patient...** bar on the top of the screen and enter few keywords that match with the patient name or type full External ID of that patient and press enter or click on the search icon to see the list of registered patients.
- If only the initial of the patient is typed in the search bar then, the list matching that initial will be displayed as in the image below.

The screenshot shows a search results page for patients starting with 's'. The table has columns: Name, Sex, Phone, Citizen/Passport No, PID, ID, Last Encounter, Idle, and Encounters. A red box highlights the 'List of matching patient of 's''. Another red box highlights the 'External ID' column. A third red box highlights the 'Number of patient's visit' column. A red box labeled 'Patient ID' points to the PID column. A red box labeled 'Number of days since last encounter.' points to the Idle column. A red box labeled 'Last visit date of patient' points to the Last Encounter column. Navigation controls at the bottom include '<<', '<', '5 of 22', '>', '>>', and a dropdown menu for page size (5, 10, 25, 50).

Name	Sex	Phone	Citizen/Passport No	PID	ID	Last Encounter	Idle	Encounters
Surendra Long	Male			65	111200000065	02/05/18	0	6
Ankita Sigdel	Female			31	111200000031	02/04/18	1	7
S S	Male			58	111200000058	01/31/18	5	1
Ghan Shyam	Male			41	111200000041	01/28/18	8	4
koto samurai sama	Male			13	111200000013	01/14/18	22	3

NOTE: Hover over the titles to see a helper tooltip. Titles are the name, sex, phone, etc.

The screenshot shows a search results page for patients starting with 's'. The table has columns: Name, Sex, Phone, Citizen/Passport No, PID, ID, Last Encounter, Idle, and Encounters. A red box highlights the 'Name' column. A red box highlights the 'Sex' column. A red box highlights the 'Phone' column. A red box highlights the 'Citizen/Passport No' column. A red box highlights the 'PID' column. A red box highlights the 'ID' column. A red box highlights the 'Last Encounter' column. A red box highlights the 'Idle' column. A red box highlights the 'Encounters' column. A red box labeled 'Goto First Page' points to the first page navigation button. A red box labeled 'Back One Page' points to the previous page navigation button. A red box labeled 'Next Page' points to the next page navigation button. A red box labeled 'Last Page' points to the last page navigation button. A red box labeled '5 of 13' points to the current page indicator. A red box labeled 'Manage Patient List View (How many patients to show in single page)' points to a dropdown menu with options 5, 10, 25, and 50.

Name	Sex	Phone	Citizen/Passport No	PID	ID	Last Encounter	Idle	Encounters
Hare Shiva Rama	Male			19	222200000019	11/29/17	12	3
Hari Babu Shrestha	Male	9852012548	256/78596	1	222200000001	11/22/17	19	3
Sanu Maya Mahajar	Female		22514124	29	222200000029	11/28/17	13	2
Shankar Karmachary	Male		9841521475	12	222200000012	11/21/17	20	3
Shavin Gamal	Male			17	222200000017	12/03/17	8	7

- 5 out of 13 patients are shown in the first page above. Go to next pages to find patient you are looking for.
- Select the patient and perform the required task from the patient's page.

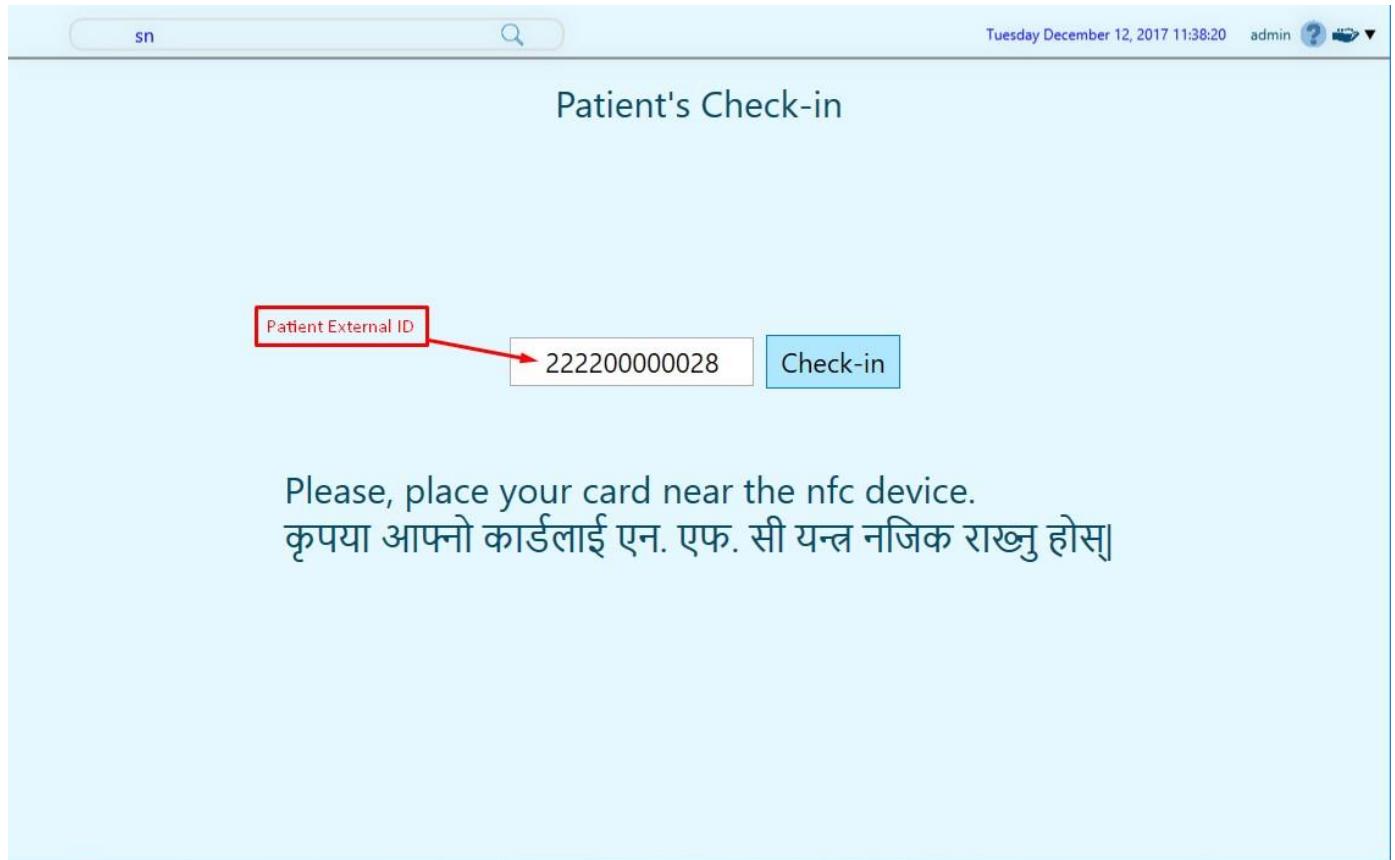
NOTE: If only one matching patient is found then the list view of the patients will be skipped and **Patient Page** of the matching patient will be displayed.

Check In/Out

Patient's Check-In

- NFC card is provided to every patient and he/she should provide it to the front desk to check In/Out. This is done to keep record of the patient's visit.
- Patient's External ID can be used to Check In.
- Each patient are provided with a unique barcode. This can also be used to check in or check out.

Note: Please note that patient cannot check-in 60 min before his/her appointment time.



Patient's Check-Out

- Similarly, patient need to check out from the system at the end of his/her visit.
- Patient's External ID can also be used to Check Out.

sn

Tuesday December 12, 2017 11:43:17 admin

Patient's Check-out

External ID → 222200000028

Please, place your card near the nfc device.
कृपया आपनो कार्डलाई एन. एफ. सी यन्त्र नजिक राख्नु होस्।

NOTE: While using bar code scanner make sure to click on the text field (where External Id is shown above) and scan the bar code of that patient to auto check-in or check-out.

Accounts

The screenshot shows the DMS software interface for managing accounts. The left sidebar includes a logo with a caduceus symbol and the letters 'DMS'. The 'Cash Collection' icon is highlighted with a red box. The main area features a search bar labeled 'Search Patient...', a date/time stamp 'Monday March 19, 2018 11:46:06 admin', and a grid of patient appointment status. The grid columns include Status, Facility, Doctors, PID, Patient, Exam Room, Appt Time, Arrive Time, Status, Current Status Time, and Provider. Two rows of data are shown for patient ID 65, with 'Bikal Bista' listed as the provider.

Status	Facility	Doctors	PID	Patient	Exam Room	Appt Time	Arrive Time	Status	Current Status Time	Provider
--Select Status---	--Select Facility---	--Select Provider---	65	Surendra Lc	Room 1	12:10:00		- None		Bikal Bista
			65	Surendra Lc	Room 1	12:10:00		- None		Bikal Bista

Account Reports

Cash Register

- Cash register contains records of cash details in the account of specified user/provider between certain period.
- Here, the recorded amount of Pankaj Awale has been shown in the image below. This example shows miscalculations of Pankaj Awale. Notice the **Shortfall** at the end of **Type** column. This is the case where the amounts do not match with the amount deposited in and withdrawn out from the till by the user/provider.

The screenshot shows a cash register report for Pankaj Awale on Sunday December 17, 2017, at 10:16:00. The report lists transactions with columns for Date, User, Type, and Amount. Red arrows point to the 'Type' column and the 'Shortfall' row.

Date	User	Type	Amount
17/12/2017	Pankaj Awale	Initial Amount	5000
17/12/2017	Pankaj Awale	Collection	-9000
17/12/2017	Pankaj Awale	Collection	-500
17/12/2017	Pankaj Awale	Closing Amount	-5000
17/12/2017	Pankaj Awale	Shortfall	9500

NOTE: Special care should be taken while entering the amounts in the billing section.

- The **+/-** button leads to a page where selection of the user/provider along with the type of amount recorded can be viewed and updated.

Date : 10/12/2017 16:00:34

Provider : ---Please Select---

Type : ---Select Cash Register_Types---

Amount : 0

Submit

No items to display

- Date is selected to record data in the cash register's history.
- The **Provider** shows the list of users for identification.
- The **Type** contains,
 - Closing Amount*: The remaining amount in the till at the user's end shift.
 - Collection*: The amount collected from the till by the authorized person.
 - Initial Amount*: The amount in the till at the beginning of the shift.

NOTE: The **Cash Register** stores history of the till i.e. starting amount, closing amount and collected amount. It also lists refunded amounts and shortfalls. Shortfall is the difference in amount in the till that does not matches with the amount from the system's report.

Day Book

- The Day Book records all the transactions that took place in that day.
- Select the required time frame and the name of the User (Provider) to see the records.
- The table lists the type of amount as **In** and **out**. **In** indicate cash that came in and **Out** indicate amount that went out from the till (refunds most likely).
- The **Print** option on the top right can be used to print the list. This list also can be exported in Excel format by pressing **CSV Export**. CSV stands for Comma Separated Values.

 Home Account Reports Cash Register Day Book Cash Collection Price Check	<input type="text" value="Search Patient..."/> 🔍						Thursday February 08, 2018 13:21:23			admin		
	From : 08/03/2017		To : 08/02/2018		Provider :	Administrator	Administrator	Submit	Print	CSV Export		
	Type	Date	Patient Id	Sub Total	Discount Amount	Tax	Total				Payment Method	
	in	07/02/2018	111200000094	400	0	20	420.00				cash	
	in	07/02/2018	111200000065	10000	0	500	10,500.00				cash	
	in	07/02/2018	111200000065	200	0	10	210.00				cash	
	in	07/02/2018	111200000065	150	0	7.5	157.50				cash	
	in	07/02/2018	111200000065	100	0	5	105.00				cash	
	in	07/02/2018	111200000065	100	0	5	105.00				cash	
	in	07/02/2018	111200000065	100	0	5	105.00				cash	

Cash Collection

- Cash collection keeps records of cash collected by the provider/user.
 - The **Print** option on the top right can be used to print the list. It can also be exported in Excel format by pressing **CSV Export", CSV stands for Comma Separated Values.

Price Check

- This section allows user to check prices for different tests and other items (like appointment price for different doctors or price of different tests) that a patient can perform in the hospital. These prices can be printed or exported in Excel format by pressing Export CSV.

Radiology Order		a	Search	Print	Export Csv
<input checked="" type="checkbox"/> Print	Code	Type	Description		Price
<input checked="" type="checkbox"/>	body-abdo1	Radiology Order	Abdomen		Rs. 400
<input checked="" type="checkbox"/>	Clavicle1	Radiology Order	Clavicle		Rs. 450
<input checked="" type="checkbox"/>	Forearm1	Radiology Order	Forearm		Rs. 450
<input checked="" type="checkbox"/>	head-mand1	Radiology Order	Mastoid		Rs. 450
<input checked="" type="checkbox"/>	head-mand11	Radiology Order	Mandible		Rs. 400
<input checked="" type="checkbox"/>	head-mands1	Radiology Order	Mandible		Rs. 450
<input checked="" type="checkbox"/>	head-mast1	Radiology Order	Mastoid		Rs. 450
<input checked="" type="checkbox"/>	head-masts1	Radiology Order	Mastoid		Rs. 400
<input checked="" type="checkbox"/>	head-nasal1	Radiology Order	Nasal		Rs. 400
<input checked="" type="checkbox"/>	head-nasalb1	Radiology Order	Nasal Bone		Rs. 450

Sales Book

This shows all the invoices that are dealt with in the provided time frame.



Sales Book									
Invoice				Total Sales	Non Taxable	Export Sales	Discount	Taxable Sales	
Date	Bill No	Patient's Name	Patient's PAN					Amount	Tax(Rs)
2018-03-18T12:37:14.000Z	102	Shankhar	123456798	107.00	0.00		5.00	95.00	12.3
2018-03-18T10:24:08.000Z	101	Shankhar	123456798	377.00	0.00		17.58	333.93	43.4
2018-03-18T10:07:50.000Z	100	Shankhar		200.00	200.00		0.00	0.00	0.0
2018-03-18T09:47:02.000Z	99	Shankhar	123456789	190.00	190.00		10.00	0.00	0.0
2018-03-18T05:55:48.000Z	98	Surendra	123456789	107.00	0.00		5.00	95.00	12.3
2018-03-15T09:09:04.000Z	97	Surendra	123456789	330.00	0.00		8.25	291.75	37.9
2018-03-15T08:55:06.000Z	96	Surendra	10	339.00	0.00		0.00	300.00	39.0
2018-03-15T08:42:36.000Z	95	admin	123456789	1,046.00	0.00		26.17	925.33	120.2
2018-03-15T07:05:38.000Z	94	Surendra	10	165.00	0.00		3.75	146.25	19.0
2018-03-15T06:21:08.000Z	93	Surendra	10	226.00	0.00		0.00	200.00	26.0
2018-03-15T06:18:53.000Z	92	Surendra	123456789	161.00	0.00		7.50	142.50	18.5
2018-03-15T05:22:43.000Z	91	Surendra	123789456	215.00	0.00		10.00	190.00	24.7
2018-03-15T05:21:05.000Z	90	Surendra	10	170.00	0.00		0.00	150.00	19.5

Audit Trial

This is the activity log. All the information regarding invoices, refunds and changes in any price can be found here.

Activity can be viewed by selecting a date range, user and type of module. Press **Submit** to view the activity logs.

The logs can be exported in an Excel format or as a pdf.



Audit Trail

From <input type="text" value="04/03/2018"/> <input type="button" value="15"/>		To <input type="text" value="19/03/2018"/> <input type="button" value="15"/>	User	---Select Provider---	Modules	All Modules	Submit	CSV Export						
Date	User	Module			Action	Details								
19/03/2018 04:53		EMR Refund			insert	{"authUserId":1,"reason":"reason","invoice_id":"98","user n","password":"password","patient_external_id":"111200 und_info":[],"userSecure":1}								
18/03/2018 12:37	Administ	EMR Invoice			insert	{"date_time":"18/03/2018 18:22:13","patient_external_id":"111200000174","grand_b_total":100,"on_hand_amount":107,"discount_type":"pe 2.35,"discount":5,"patient_info":"Shankhar Tamang","bill":[{"bill_id":"1001","date":"2018-03-18","code_type":"Proc Order","code":"ham-pltlts1","pid":"174","provider_id":0,"encounter":"1613","ham-pltlts1 charge","item_name":"Platelets","billed":1,"acitivity":1,"units":1,"fee":100,"external_id":111200000174,"pric es":1}],"bill_id":1001,"user_id":1,"user_name": "admin","tax_rate":13,"di 5,"return_amount":0,"payment_method": "Cash","is_priv a": "", "encounter": "1613","customer_pan": "123456798","tax .95,"non_taxable_amount":0,"customer_name": "Shank Tamang","customer_address": "", "rounding_value": -0.34943}								
Active List (0)														
<input type="button" value="Refresh"/>														

Materialized View

Materialized view provides information regarding all the transaction. If the transactions are sent to the IRD then the **IRD Sync** column will indicate "Yes" otherwise "No".



Materialised View

Materialised View														Entered By
Fiscal Year	Bill No.	Customer Name	Customer Pan	Bill Date	Amount	Discount	Taxable Amount	Tax	Total Amount	IRD Sync	Printed	Active	Print Time	Entered By
2074.75	285	Roji Dangol		19/03/2018	352.40	52.90	299.50	15.00	315.00	Yes	No	Yes	2018-03-18T18:15:00.000Z	Administrator
2074.75	284	Roji Dangol		19/03/2018	352.40	52.90	299.50	15.00	315.00	Yes	Yes	No	2018-03-18T18:15:00.000Z	Administrator
2074.75	283	Roji Dangol		19/03/2018	500.00	25.00	475.00	23.80	499.00	Yes	Yes	Yes	2018-03-18T18:15:00.000Z	Administrator
2074.75	282	Roji Dangol		19/03/2018	500.00	0.00	500.00	25.00	525.00	Yes	Yes	No	2018-03-18T18:15:00.000Z	Administrator
2074.75	281	Roji Dangol		19/03/2018	20.00	0.00	20.00	1.00	21.00	Yes	Yes	Yes	2018-03-18T18:15:00.000Z	Administrator
2074.75	280	Roji Dangol	111112223	19/03/2018	40.00	0.00	40.00	2.00	42.00	No	Yes	Yes	2018-03-18T18:15:00.000Z	Administrator
2074.75	279	Roji Dangol		19/03/2018	60.00	0.00	60.00	3.00	63.00	Yes	Yes	Yes	2018-03-18T18:15:00.000Z	Administrator
2074.75	278	Roji Dangol		19/03/2018	20.00	0.60	19.40	1.00	20.00	Yes	Yes	No	2018-03-18T18:15:00.000Z	Administrator
2074.75	277	Roji Dangol		19/03/2018	40.00	1.20	38.80	1.90	41.00	Yes	Yes	Yes	2018-03-18T18:15:00.000Z	Administrator
Active List (0)														
<input type="button" value="Refresh"/>														

Sale Refund

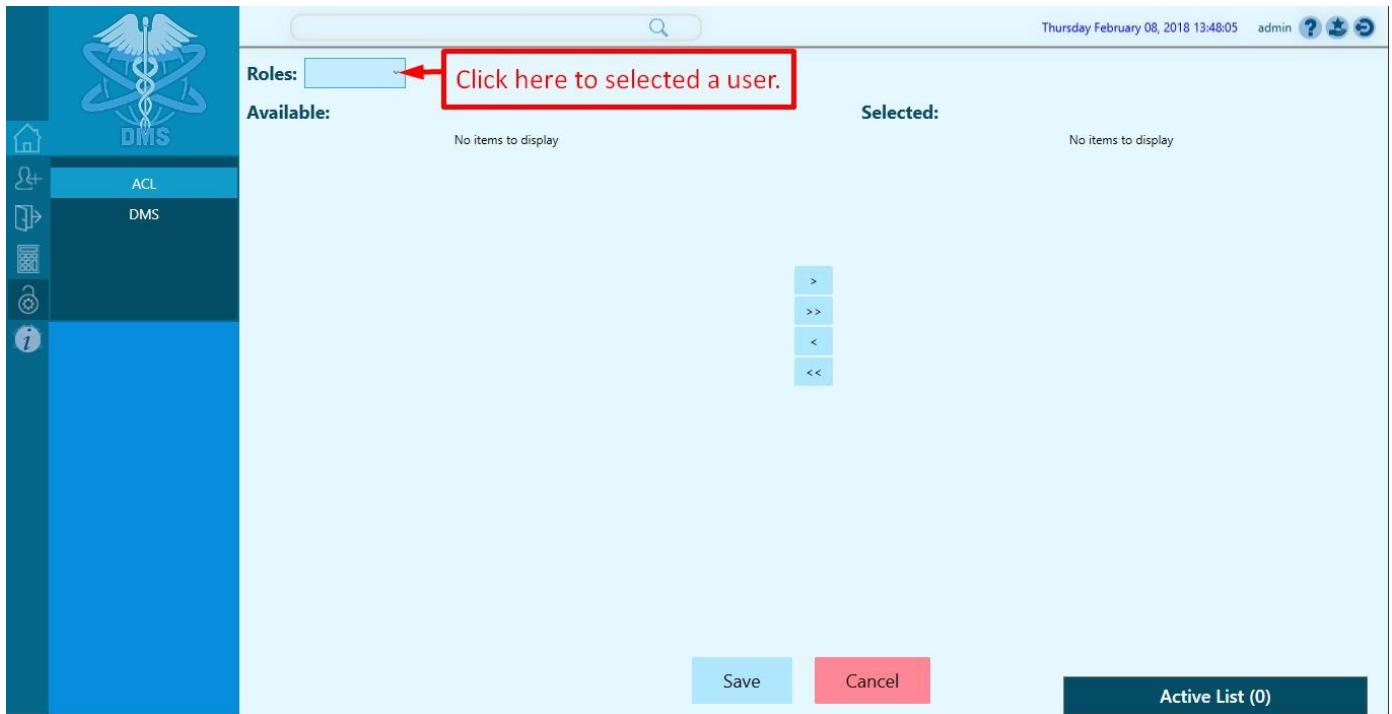
This shows all the refunds that are given in the selected time frame.



Sales Refund						
	From	25/02/2018 <input type="button" value="15"/>	To	19/03/2018 <input type="button" value="15"/>	Submit	CSV Export PDF Export
	Date	Credit Note No.	Bill No.	Buyer's Name	Buyer's PAN	Total Refund
Account Reports	19/03/2018	15	98	Surendra Long	0	339
Cash Register	18/03/2018	14	103	Shankhar Tamang	123456798	377
Day Book	18/03/2018	13	101	Shankhar Tamang	123456789	0
Cash Collection	18/03/2018	12	99	Surendra Long	123456789	150
Price Check	14/03/2018	11	85	Surendra Long	123456798	274
Sales Book	14/03/2018	10	85	Surendra Long	123456798	274
Audit Trail	14/03/2018	9	85	Surendra Long	123456798	274
Materialised View	14/03/2018	8	85	Surendra Long	123456798	274
Sale Refund	14/03/2018	7	84	Surendra Long	0	0
	14/03/2018	6	77	Surendra Long	0	0
	14/03/2018	5	77	Surendra Long	0	0
	13/03/2018	4	77	Surendra Long	0	0
	13/03/2018	3	70	Surendra Long	123456798	0
	11/03/2018	2	54	Surendra Long	123456789	199.5
	10/03/2018	1	27	Surendra Long	123456789	299.25

Managing ACL - Access Control List

Access Control List (ACL) is the list of Access Control Entries (ACE). Each ACE in an ACL identifies users that are authorized or unauthorized and grants access or restrict access depending on the status of the user.



- Only the Admin account holder can give access to a given user for security purposes.
- In the image below all the access is given to the Administrator so all the fields on the **Available** section are placed in the **Selected** section. Multiple item can be chosen from the available options at once and can be moved to the Selected section and vice-versa, if any access is to be given to other users by the administrator.

NOTE: The **double arrows** sends all the items to the respective side, selection is not required here, so be careful while using it. Whereas **single arrows** send the selected item to the corresponding side.

Roles: Administrators ↗ Select the roles

Available:

- QMS->Call Queue->write
- Settings->QMS->read
- Settings->QMS->write

Selected:

- Accounting->Billing->read
- Accounting->Billing->write
- Accounting->Invoice->read
- Accounting->Refund->read
- Accounting->Refund->write
- Administration->Setting->write
- Administration->Setting->read
- home->Home Appointment List->write
- home->Home Appointment List->read
- Home->Home->read
- Patients->Appointment->read
- Patients->Appointment->write
- Patients->Card->write
- Patients->Card->read
- Patients->Check In->read
- Patients->Check In->write
- Patients->Check Out->read
- Patients->Check Out->write
- Patients->Demographics->read
- Patients->Demographics->write

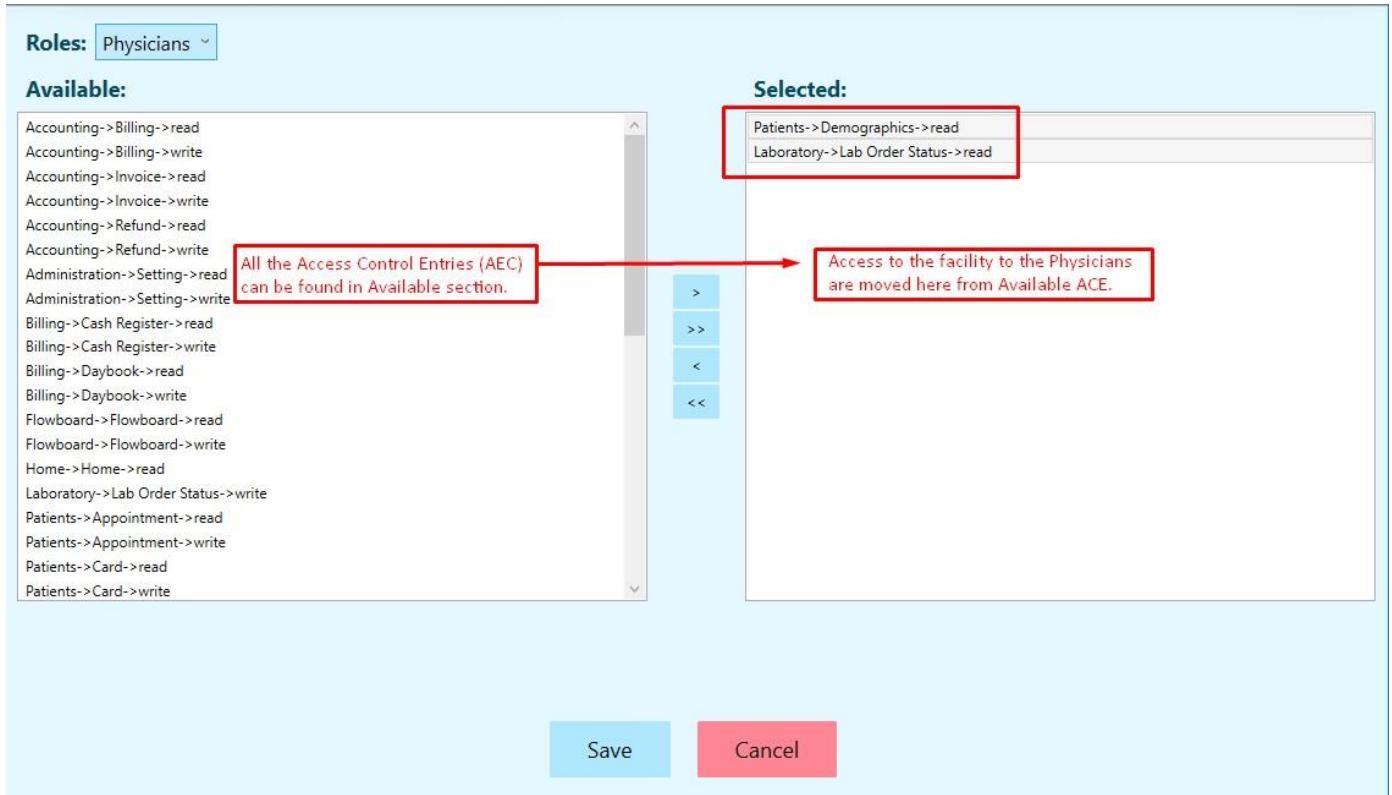
> >> < <<

'<' and '>' sends selected item to the other side.
'<<' and '>>' sends all item to the other side.

Save Cancel Active List (0)

NOTE: This page can only be accessed and modified by the Administrator.

Below an example shows a Physicians is being given access to few of the facilities that he/she may require.



Access Control Entries(ACE) details:

- 1. Accounting->billing(read/write):** allows read and write permission of the patients billing.
 - Read**
 - Access to billing tab option on the Patient Page.
 - Encounter selection available for user to view charges on encounters.
 - Won't have access to Add item and Pay.
 - Write**
 - Access to billing tab option on the Patient Page.
 - Encounter selection available for user to view the total bill amount but access to itemized view restricted.
- 2. Accounting->invoice(read):** Access to *Invoice* tab on the Patient Page.
- 3. Accounting->refund(read/write):** allows read and write permission for refunds to the patients.
 - Read**
 - Access to *REFUND* tab.
 - Search made for invoices by their invoice number restrict refund facility, only the refund list will be displayed.
 - Write**
 - Access to *REFUND* tab.
 - Full access to refund facility.
- 4. Administration->Setting(read/write):** allows setting to be read or modified as needed.
 - Read**

- Access to *SETTING* option but restricts editing.
- **Write**
- Full access to *SETTING* option.

5. **Home->Home(read/write):** allows read and write permission access to the home page.

- **Read**
- Right click disabled for changing *status* and *room*.
- **Write**
- Right click enabled for editing *status* and *room*.

6. **Patients->Appointment(read/write):** allows read and write permission access to patient's appointments.

- **Read**
- Access to *APPOINTMENT* tab but restricts editing, printing and delete options.
- **Write**
- Full access to *APPOINTMENT* tab.

7. **Patient->card(read/write):** allows read and write permission to the NFC card.

- **Read**
- Overwrite is disabled.
- **Write**
- Overwrite is enabled.

8. **Patient->check-in(read/write):** allows read and write permission to check in patients.

- **Read**
- Restricts* External Id* check in, only patient card (NFC) can be used to check in.
- **Write**
- Access to check in with both NFC card and *External ID*

9. **Patients->check-out(read/write):** allows read and write permission to check out the patients.

- **Read**
- Restricts* External Id* check in, only patient card (NFC) can be used to check in.
- **Write**
- Access to check in with both NFC card and *External ID*

10. **Patient->Demographics(read/write):** allows read and write permission to the records of the registered patients.

- **Read**
- Restricts access to *Create Patient*.
- Restricts access to editing option on the *Demographics* tab on the Patient Page.
- **Write**
- Full access to creating patient and editing *Demographics* can be done.

11. **Report->Cash Register(read/write):** allows read and write permission to generate transactions reports.

- **Read**
- Access to view cash details of logged in users.

- **Write**
- Access to view cash details of logged in users.

12. **Report->Cash register All Users(read/write):** allows read and write permission to generate transaction of all records.

- **Read**
- Access to +/- is restricted.
- **Write**
- Access to +/- functionality.

13. **Report->Collection(read/write):** allows to read or keep records of collected transactions.

- **Read**
- Access to cash collection on billing.
- **Write**
- Access to cash collection on billing.

14. **Report->Daybook(read/write):** allows read and write permission to day book records of transactions.

- **Read**
- Access to day book on Billing.
- **Write**
- Access to day book on Billing.

15. **Report->Daybook All Users(read/write):** allows read and write permission to the day book records of all active users.

- **Read**
- Full access to Daybook.
- **Write**
- Full access to Daybook.

16. **Report->Print and Export Price(read):** allows permission to print and export price.

- **Read**
- Access to view, print and export price list.

17. **Role->ACL(read/write):** allows to read or manage the Access Control Lists to the specified users.

- **Read**
- Access allowed for view only.
- **Write**
- Access permitted for assigning Access Control Entries (ACE) to different users.

Pharmacy Billing

The **Pharmacy** tab on the side-bar is used for the payments.

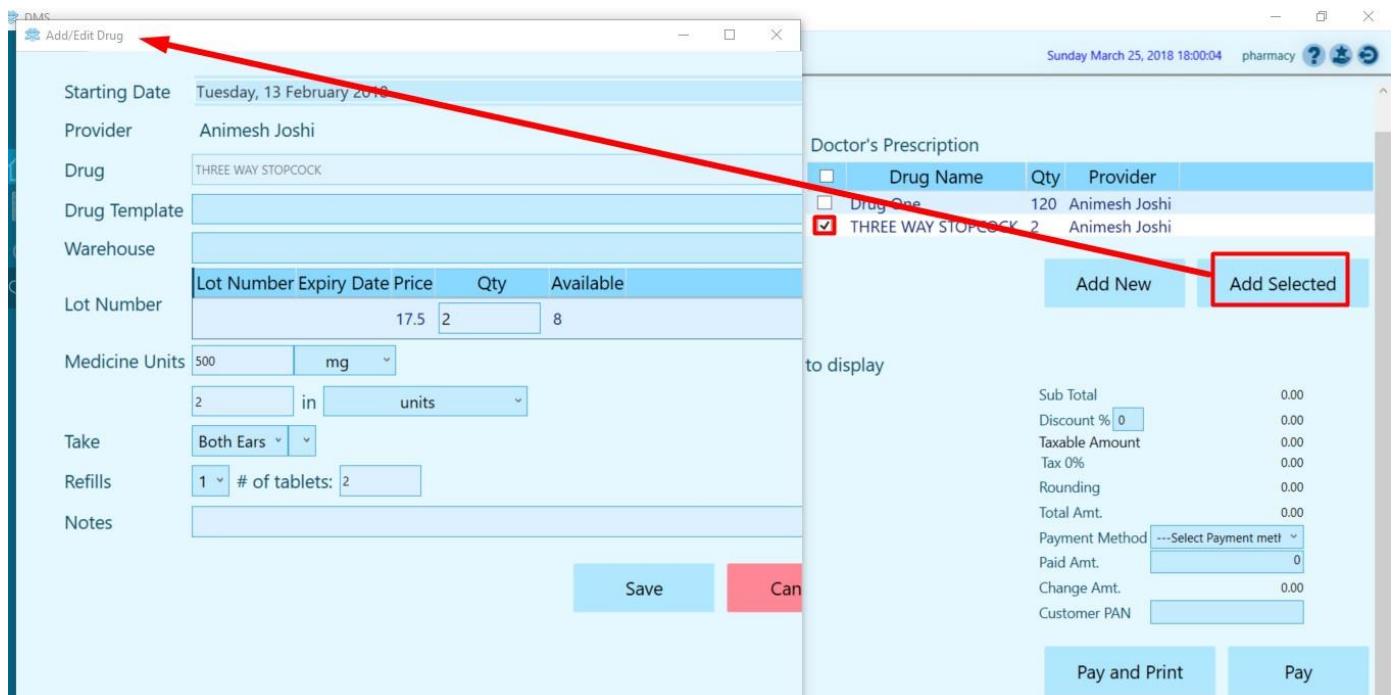
Search required patient from the search bar

A screenshot of a software application titled "Pharmacy". On the left, there's a vertical sidebar with icons for Home, Pharmacy, and another Pharmacy icon. A red box highlights the Pharmacy icon in the sidebar. The main area has a search bar at the top with the text "alis" and a magnifying glass icon. Below the search bar is a table with columns: Name, Sex, Phone, Citizen/Passport No, PID, ID, Last Encounter, Idle, and Encounters. Two rows of data are visible: "Alish Giri" and "Alist Khadka". At the bottom of the table, there are navigation buttons like <<, <, >, >>, and a page number "2 of 2". A red box highlights the search term "alis" in the search bar. The text "Displaying search result list" is overlaid in red on the right side of the table.

Prescriptions will be listed on the top-right on the screen as shown below.

Click on the check box and add selected item to the bill to process payment. This will pop up a screen where editing can be performed if required. Now press **Save** to add item to the bill.

A screenshot of the same software application. The sidebar now shows the "Invoices" tab instead of "Pharmacy". A red box highlights the "Pharmacy" icon in the sidebar. The main area has a search bar with "alis" and a "Doctor's Prescription" section. The "Doctor's Prescription" section is highlighted with a red box and contains a table with columns: Drug Name, Qty, and Provider. It lists "Drug One" (Qty 120, Provider Animesh Joshi) and "THREE WAY STOPCOCK" (Qty 2, Provider Animesh Joshi). Below this are "Add New" and "Add Selected" buttons. To the left, there's a "Patient Details" section with fields: Name (Alis Khadka), Age (25 years), Sex (Male), and Fiscal Year (2073.74). Further down are sections for "Dispense List" (empty), "Notes" (radio buttons for Private and Public), and a "Active List (0)" button. On the right, there's a "Payment Summary" table with columns: Sub Total (0.00), Discount % (0.00), Taxable Amount (0.00), Tax 0%, Rounding (0.00), Total Amt. (0.00), Payment Method (dropdown "...Select Payment mett..."), Paid Amt. (0), Change Amt. (0.00), and Customer PAN (text input field). At the bottom are "Pay and Print" and "Pay" buttons. A red box highlights the "Doctor's Prescription" table.



Right click on the added item to get access to option of deleting item or selected item.

The screenshot shows the 'Invoices' window. It includes 'Patient Details' (Name: Alis Khadka, Age: 25 years, Sex: Male, Fiscal Year: 2073.74) and a 'Doctor's Prescription' grid. Below these is a 'Dispense List' table with columns: Drug Name, Lot Number, Unit Price, Qty, Taxable Amount, Sub Total, Discount %, Taxable Amount, Tax 5%, Rounding, Total Amt., Payment Method, Paid Amt., Change Amt., and Customer PAN. The 'Dispense List' table has a red border around its header row. A context menu is open over the 'THREE WAY STOPCOCK' row in the dispense list, with options 'Delete Item' and 'Delete All Selected'. The 'Notes' section below the dispense list has radio buttons for 'Private' and 'Public'. At the bottom are buttons for 'Active List (0)', 'Refresh', 'Pay and Print', and 'Pay'.

Enter discounts if any allowed and select the payment type from the dropdown list and press **Pay** or **Pay and Print** to carry on with the payment.

Invoices

Patient Details

Name: Alis Khadka

Age: 25 years

Sex: Male

Fiscal Year: 2073.74

Doctor's Prescription

<input type="checkbox"/>	Drug Name	Qty	Provider
<input type="checkbox"/>	Drug One	120	Animesh Joshi
<input checked="" type="checkbox"/>	THREE WAY STOPCOCK	2	Animesh Joshi

Add New

Add Selected

Dispense List

<input checked="" type="checkbox"/>	Drug Name	Lot Number	Unit Price	Qty	Taxable Amount
<input checked="" type="checkbox"/>	THREE WAY STOPCOCK		17.50	2	False 35.00

Notes

Private Public

Sub Total	35.00
Discount %	0 0.00
Taxable Amount	0.00
Tax 5%	0.00
Rounding	0.00
Total Amt.	35.00
Payment Method	Cash
Paid Amt.	50
Change Amt.	15.00
Customer PAN	

Pay and Print

Pay

DMS Configuration

DMS **Settings** is the configuration of the URL, Company details, Patient Card Message and Printer Options as shown in the image below. These can be edited by updating the content and pressing **Set** button. You can simply press **Cancel** if no changes are required.

The screenshot shows the DMS Configuration interface. On the left is a vertical sidebar with icons for Home, ACL, DMS (selected), Reports, and Settings. The main area is titled 'Setting'. It contains the following fields:

ServiceUrl	http://192.168.88.250:3000
Company Name	Godawari Medcity Polyclinic Pvt. Ltd.
Company Address	Thaiba, Godawari-14, Lalitpur, Bagmati, Nepal
Company Tag	Everywhere you want to be. Life flows better with Visa. The future takes Visa. Yes you can. Makes the world go round.
Company Logo	C:\Program Files (x86)\Dotmark Solutions\DMSS Desktop\eooro.jpeg Browse
Company Email	info@godawarimedcity.com
Company Website	www.dotmarkhospital.com
Company Phone	01-5014713/01-5014573
Patient Card Message	Please bring this card each time you visit.
Printer Options	Invoice Bill: -- None -- [A5] Label: -- None -- [29] w x [90.3] h(mm)

A blue 'Set' button is at the bottom of the form. In the top right corner, there is a timestamp (Thursday February 08, 2018 13:50:57), a user name (admin), and three small icons. A dark blue bar at the bottom right says 'Active List (0)'.

- Printer Options:
 - **Invoice Bill:** Select your printer and then the size of the print-out that is required.
 - **Label:** This contains Hospitals and Patients information. View it [here](#) in the Patient Page for more info.