DANPHE EMR

Healthcare Solutions to Hospitals, Clinics and Laboratories

DANPHE

PROMOTING SAFER AND SMARTER HEALTHCARE

ELECTRONIC MEDICAL RECORD (EMR)

Introduction:

Danphe Health Inc. Pvt. Ltd. had initiated software development project with an intention to support voluntary hospitals, clinics, and laboratories by providing innovative, user friendly and robust healthcare solutions.

EMR is a supportive technology in the field of medical care that grants medical practitioners the convenience to pursue better quality improvement plans than that would have been possible by traditional paper-based records. The EMR has the following features:

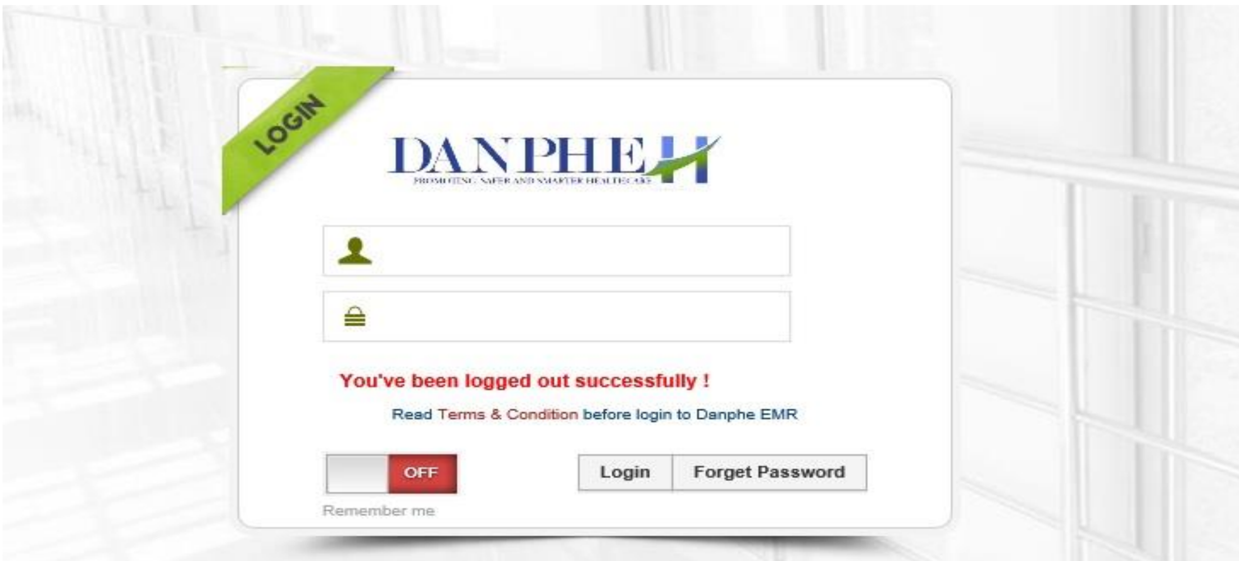
- Quick access to reliable records assures a coordinated and effective treatment & care.
- Accurate and complete health data about patients at the required care center.
- Effective diagnosis, reduced medical errors, and guaranteed safer care.
- Legible and complete documentation facilitating streamlined coding and billing.
- Cost reduction, improved safety, and better health service.
- Possibility to share electronic information securely between patients and service providers.

CONTENTS

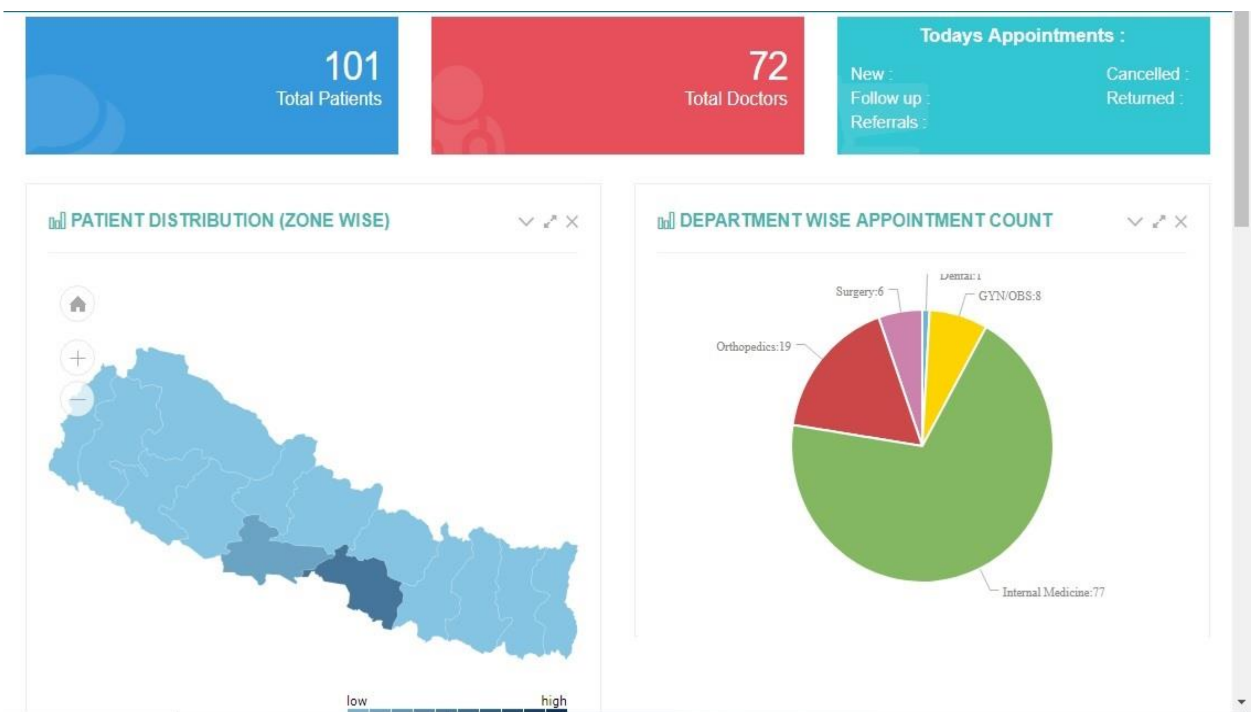
1. ADMIN VIEW

Logging In:

For accessing the admin panel, you MUST first log in. Only the administrator can get access to this view. So, if you are the administrator, login to the system by entering your credentials (username and password).



Once you have successfully logged into the application as admin, you are presented with the Admin Dashboard. The Dashboard shows the different modules that have unique functionalities.



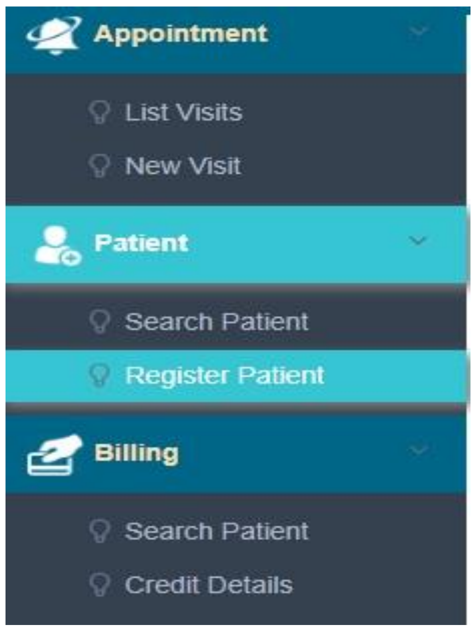
2. INSTALLATION

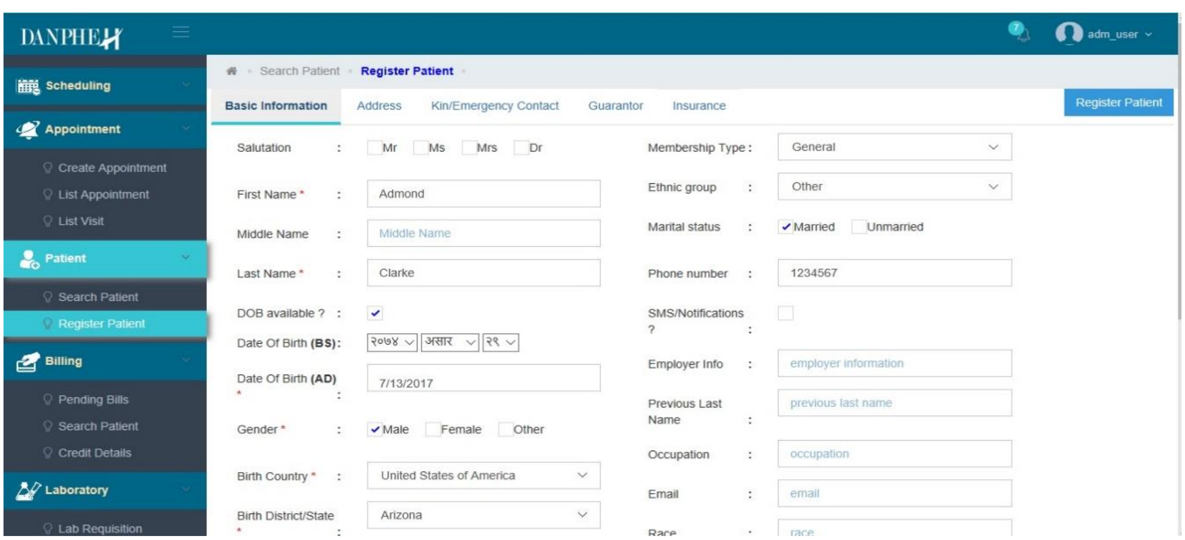
Danphe EMR is a web based application and thus there is not such requirements of hardware. It can be opened in any type of terminals.

3. PATIENT

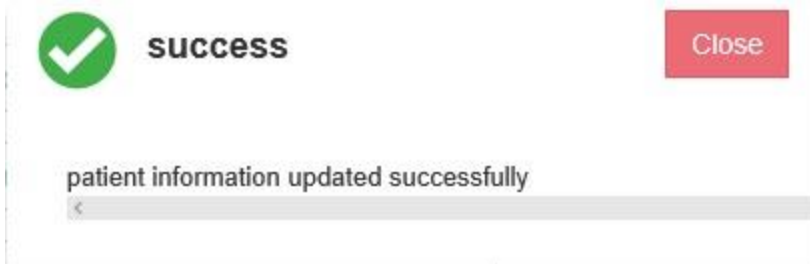
3.1 Registration

Under the menu bar on the left Select patient and click register patient button. Under Patient Tab at the Left hand Side Click on Register Patient and fill up the required Information and click Register Patient Button at the top.





After the successful registration of the patient confirmation message is seen at the bottom right as follows;



3.2 Patient Search

To find out the details of the registered patient, Search Patient under the Patient tab is handy**.**

3.3 Edit the Patient Information

Whenever any information of the patient need to be edited, Go to the menu bar, select patient and then click search patient. You'd be able to edit the information regarding the patient. After filling the correct updated information, click the Update Patient Information at top Right Corner of the screen.

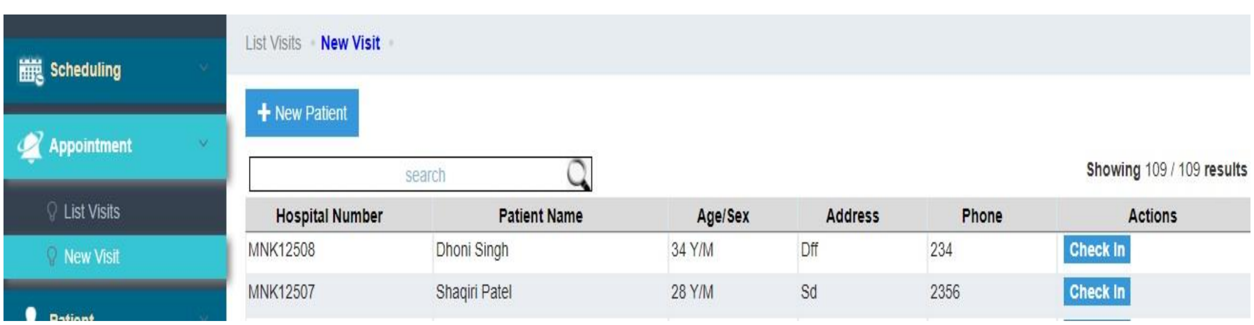
3.4 History of the Patient

Go to Patient tab, click search patient and under the action tab there is History button from where details of the patient regarding, Appointment history, Admission History, Drug Details, Lab Details, Radiology Details and Bill details are displayed.

3.5 Creating a Schedule:

During creating appointment for the registered patients, you need to create the schedule. To create a schedule, you need to follow the steps below:
Go to Appointment Tab, select "new visit", search the required patient and click "Check in" button Then the form for new appointment appears**.** Fill up the following form with necessary information mentioning clearly the department, Doctor's name and Reason for checkup.
Case I: To create schedule for appointment of new patients, follow the steps below:

a. Select New Visit under Appointment tab and click New Patient and fill up the form with necessary information.
b. Under Action tab, click "add visit" for patient paying fees outright and click "add credit visit" in case of credit.



Update: To update/edit the patient's information, click on the update icon.

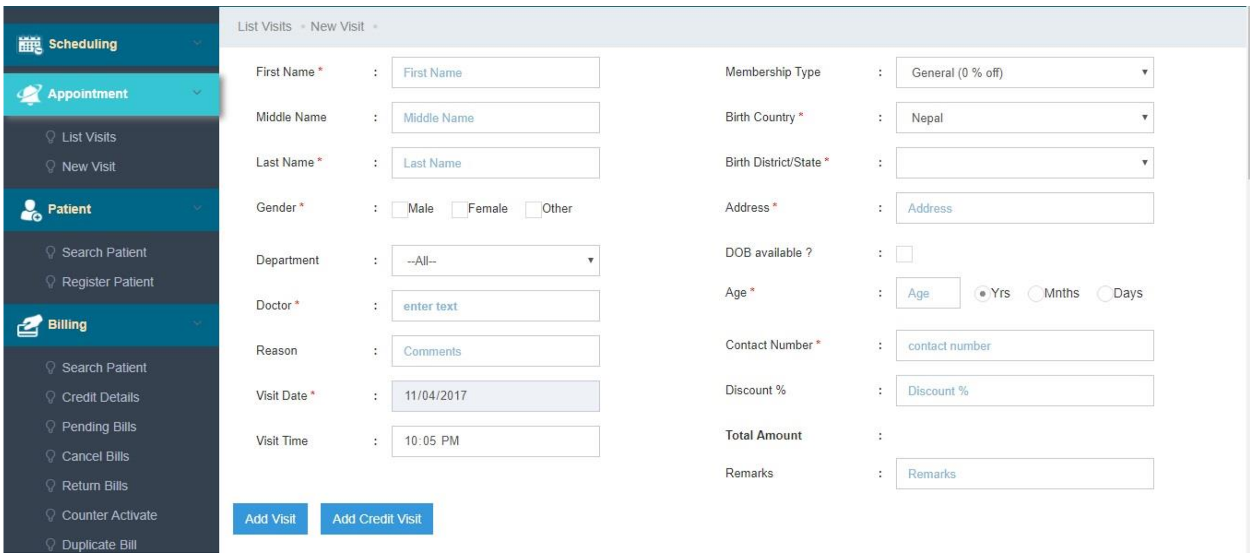
4. APPOINTMENT

The **Appointment** module is responsible for Appointments, Scheduling and Management i.e. the system schedules and manages patient appointments. This module consists of the following sections:

4.1. Create Appointments

i. New Patient

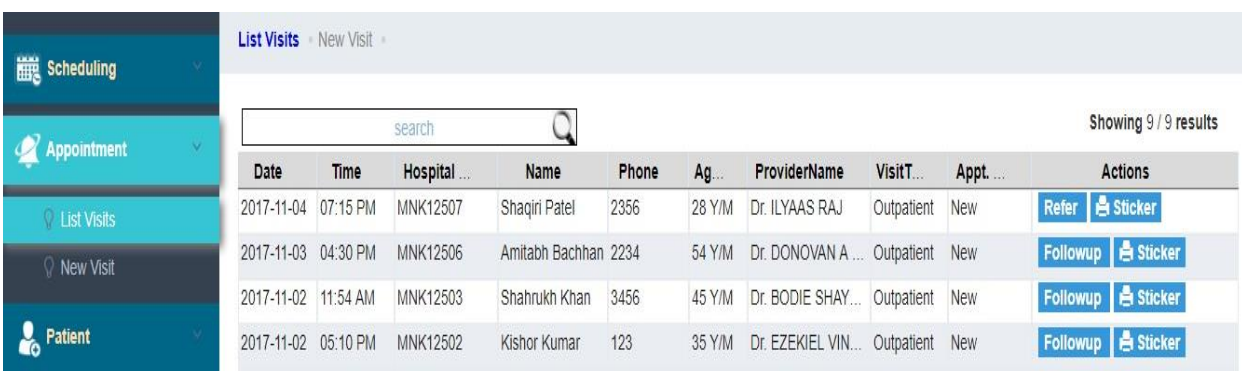
The Appointment module facilitates the booking of appointments for new patients. Click New Visit under Appointment and click new patient and Fill up the following form with necessary information.



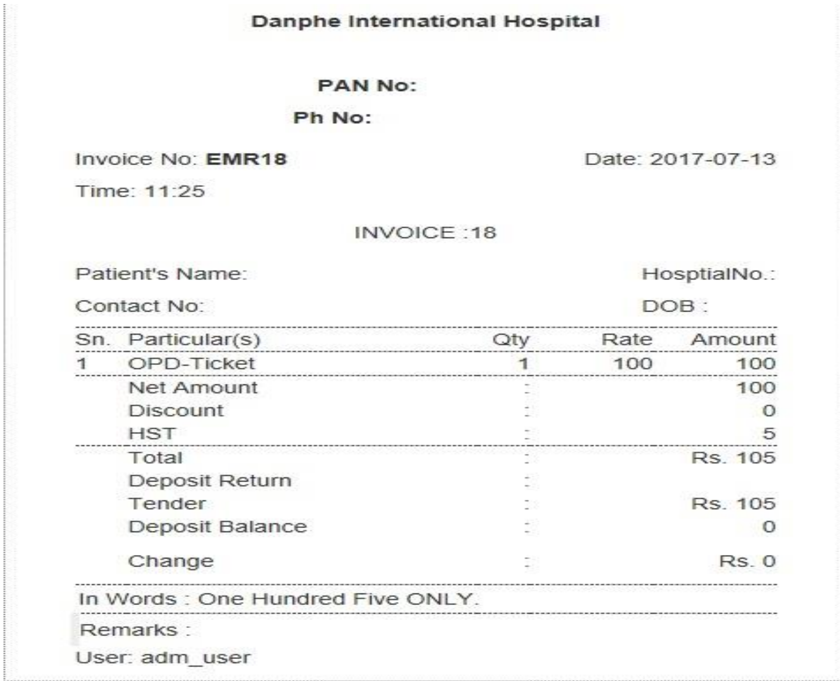
ii. **Already registered Patient**

To create appointment for old patients, this section is very useful. To do this, follow the steps below:

click appointment Tab in the menu bar on the left, the list of already registered patient is displayed. Under Action Tab Click refer or follow-up when necessitate.



After appointment form is filled up Invoice is generated from the system which can be printed.



Danphe International Hospital

PAN No:

Ph No:

Invoice No: **EMR18** Date: 2017-07-13

Time: 11:25

INVOICE :18

Patient's Name: HosptialNo.:

Contact No: DOB :

Sn.	Particular(s)		Qty	Rate	Amount
1	OPD-Ticket		1	100	100
	Net Amount	:			100
	Discount	:			0
	HST	:			5
	Total	:			Rs. 105
	Deposit Return	:			
	Tender	:			Rs. 105
	Deposit Balance	:			0
	Change	:			Rs. 0

In Words : One Hundred Five ONLY.

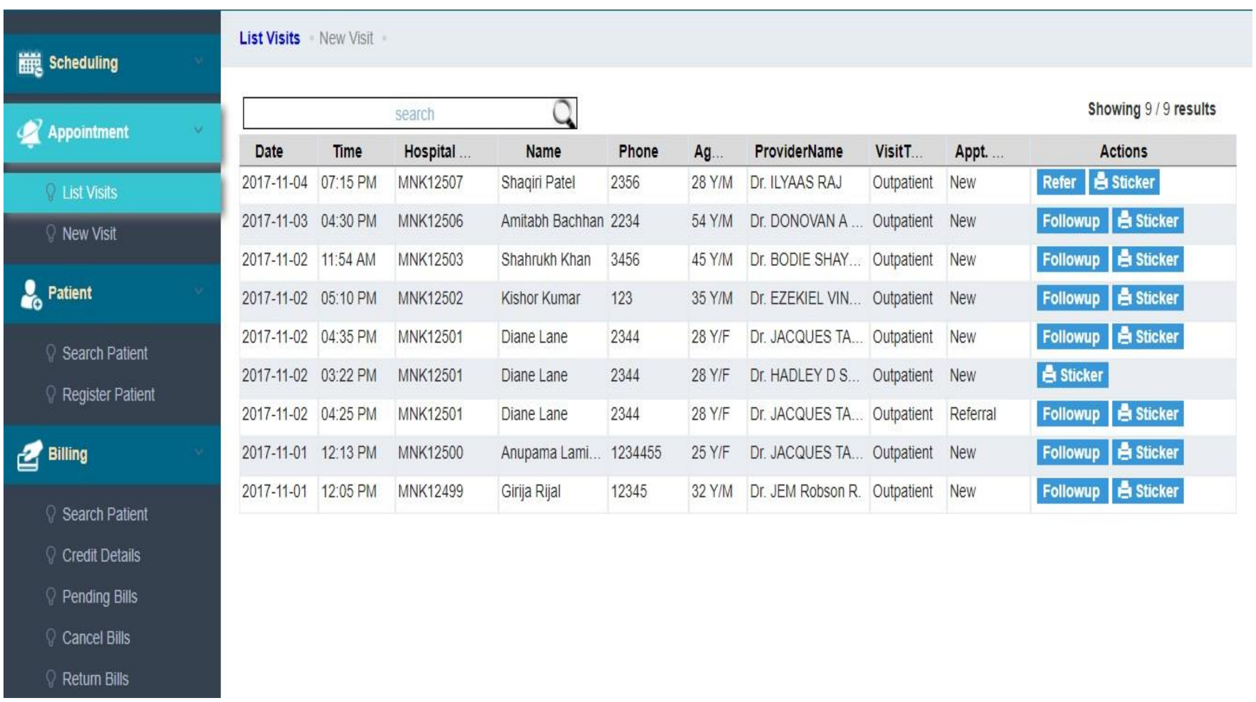
Remarks :

User: adm_user

4.2 List Visit

For Patients coming to visit for follow-up,

Under appointment tab on the menu bar on left, click list Visit and seek for the patient and click on the required action needed.



Date	Time	Hospital ...	Name	Phone	Ag...	ProviderName	VisitT...	Appt. ...	Actions
2017-11-04	07:15 PM	MNK12507	Shaqiri Patel	2356	28 Y/M	Dr. ILYAAS RAJ	Outpatient	New	Refer Sticker
2017-11-03	04:30 PM	MNK12506	Amitabh Bachhan	2234	54 Y/M	Dr. DONOVAN A ...	Outpatient	New	Followup Sticker
2017-11-02	11:54 AM	MNK12503	Shahrukh Khan	3456	45 Y/M	Dr. BODIE SHAY...	Outpatient	New	Followup Sticker
2017-11-02	05:10 PM	MNK12502	Kishor Kumar	123	35 Y/M	Dr. EZEKIEL VIN...	Outpatient	New	Followup Sticker
2017-11-02	04:35 PM	MNK12501	Diane Lane	2344	28 Y/F	Dr. JACQUES TA...	Outpatient	New	Followup Sticker
2017-11-02	03:22 PM	MNK12501	Diane Lane	2344	28 Y/F	Dr. HADLEY D S...	Outpatient	New	Sticker
2017-11-02	04:25 PM	MNK12501	Diane Lane	2344	28 Y/F	Dr. JACQUES TA...	Outpatient	Referral	Followup Sticker
2017-11-01	12:13 PM	MNK12500	Anupama Lami...	1234455	25 Y/F	Dr. JACQUES TA...	Outpatient	New	Followup Sticker
2017-11-01	12:05 PM	MNK12499	Girija Rijal	12345	32 Y/M	Dr. JEM Robson R.	Outpatient	New	Followup Sticker

5. SCHEDULING

Scheduling section maintains the appointments of the day and appointments history. Here you can see patient visit date and time along with details like notes, medications and active medical problems of a patient.

5.1 Patient Appointment History

To see the patient's appointment history, Go to the **appointment** tab and select list visit. You will see the date, time, Hospital number, Name, Phone Number, Age, Visit time of the appointed patient**.**

5.2 Active Medical Problems

5.3 Imaging

If there is any report related to the patients, you can view the report by clicking on the report button.

5.4 Medications

In this section, you can see a list of the medicines that were prescribed to the patient.

5.5 Last Vitals

Last time measured condition of the patient is displayed.

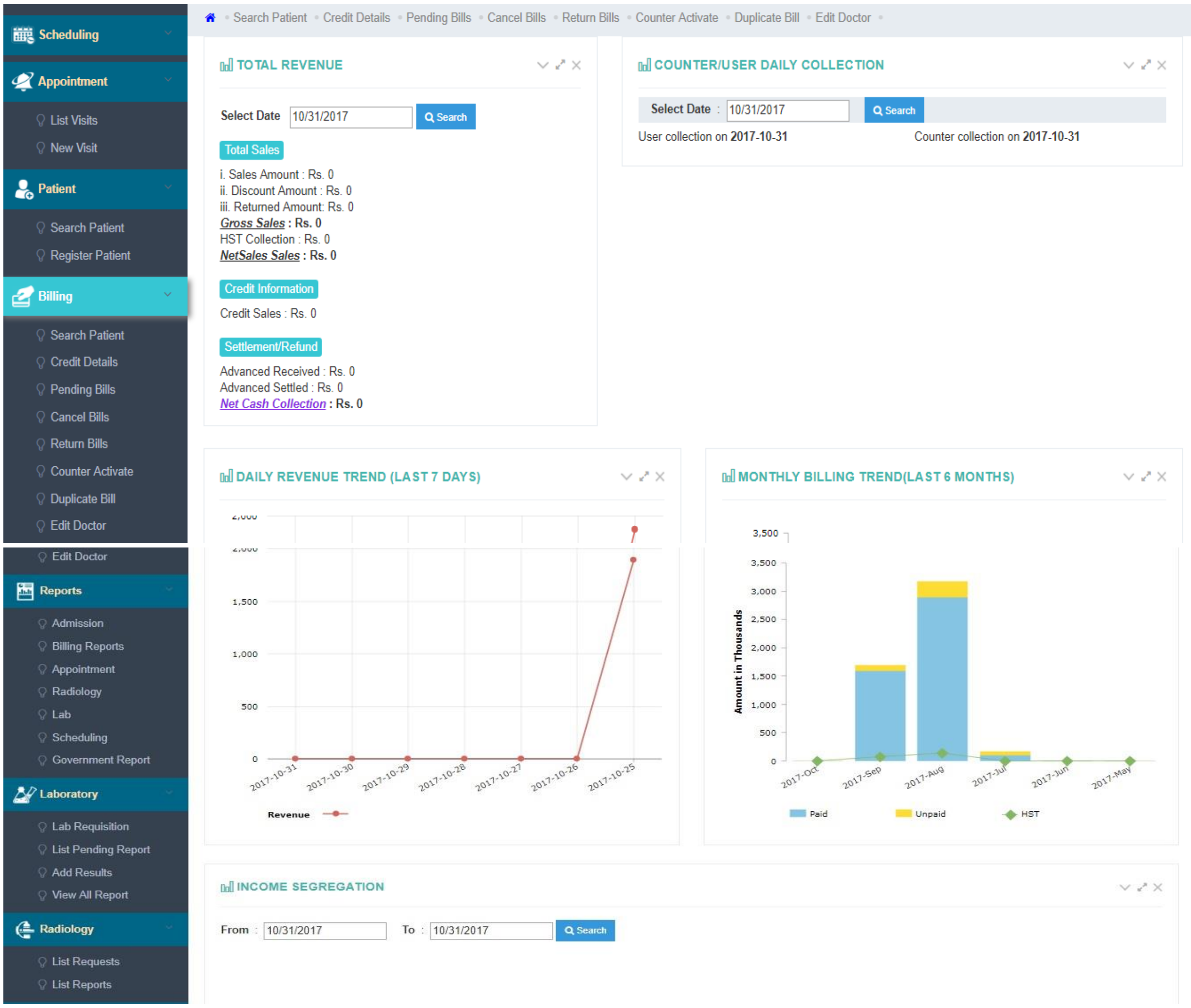
5.6 LABORATOR Y

Out Patient Lab Order

Here you can see the list of all the lab test orders of the Out Patients.

6. BILLING

- Billing Dashboard shows the Total Revenue (Sales, credit information and settlement refund status).
- It shows daily and monthly revenue trend diagrammatically.
- It can be useful information for the analysis of hospital management.

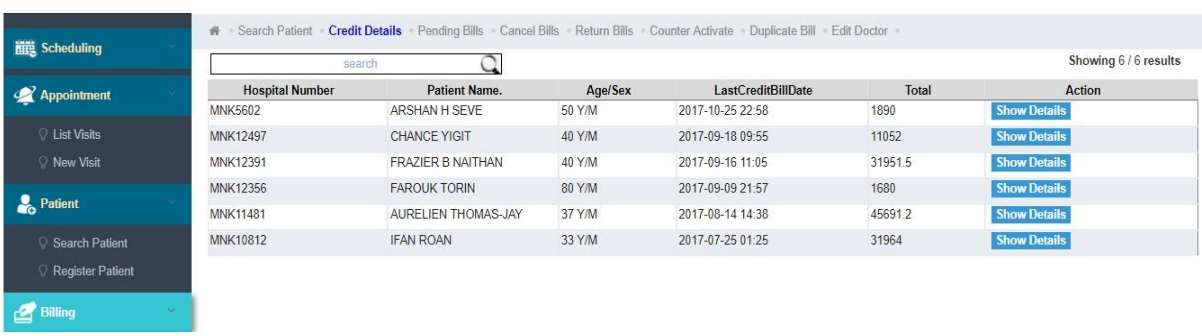


6.1 Search Patient

It displays the list of patient from where the selected patient's billing request and deposit can be recorded.

6.2 Credit Details

It shows the list of patients whose fees are due but not yet paid.

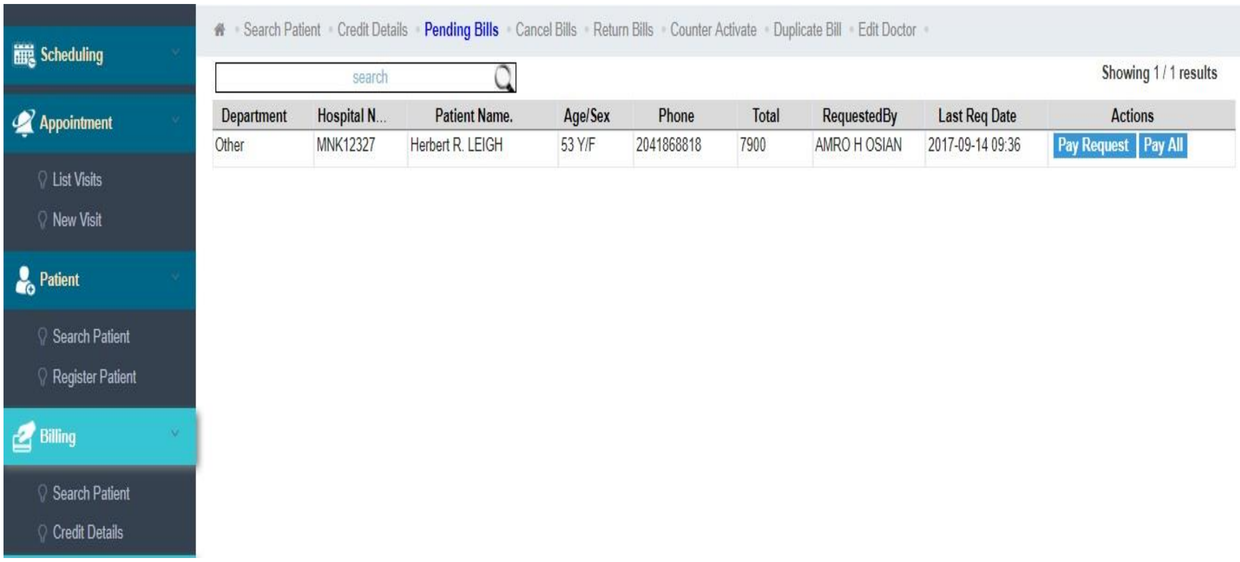


Hospital Number	Patient Name.	Age/Sex	LastCreditBillDate	Total	Action
MNK5602	ARSHAN H SEVE	50 Y/M	2017-10-25 22:58	1890	Show Details
MNK12497	CHANCE YIGIT	40 Y/M	2017-09-18 09:55	11052	Show Details
MNK12391	FRAZIER B NAITHAN	40 Y/M	2017-09-16 11:05	31951.5	Show Details
MNK12356	FAROUK TORIN	80 Y/M	2017-09-09 21:57	1680	Show Details
MNK11481	AURELIEN THOMAS-JAY	37 Y/M	2017-08-14 14:38	45691.2	Show Details
MNK10812	IFAN ROAN	33 Y/M	2017-07-25 01:25	31964	Show Details

6.3 PENDING BILLS

It displays the patient name along with the related departments where bills are pending.

On completion of treatment of a patient Billing request is made and deposit is recorded by selecting billing on the menu and click select pending bills to pay amount due



6.4 Cancel Bills

This displays the list of patient for whom bill is not yet paid and possibility of payment being made is null. Now it is good for cancellation.

6.5 Return Bills

This displays the list of patient for whom bill is issued but according to unavoidable circumstances it is good to reverse the bill. These are those bills for which payment was once made by the patients but Returned later necessitating hospital to make refund for these bills.

6.6 Counter Activate

Bill to be issued by the relevant counter.

6.7 Duplicate Bill

Once the bill is printed, if patient needs the copy of the bill, duplicate bill can be issued.

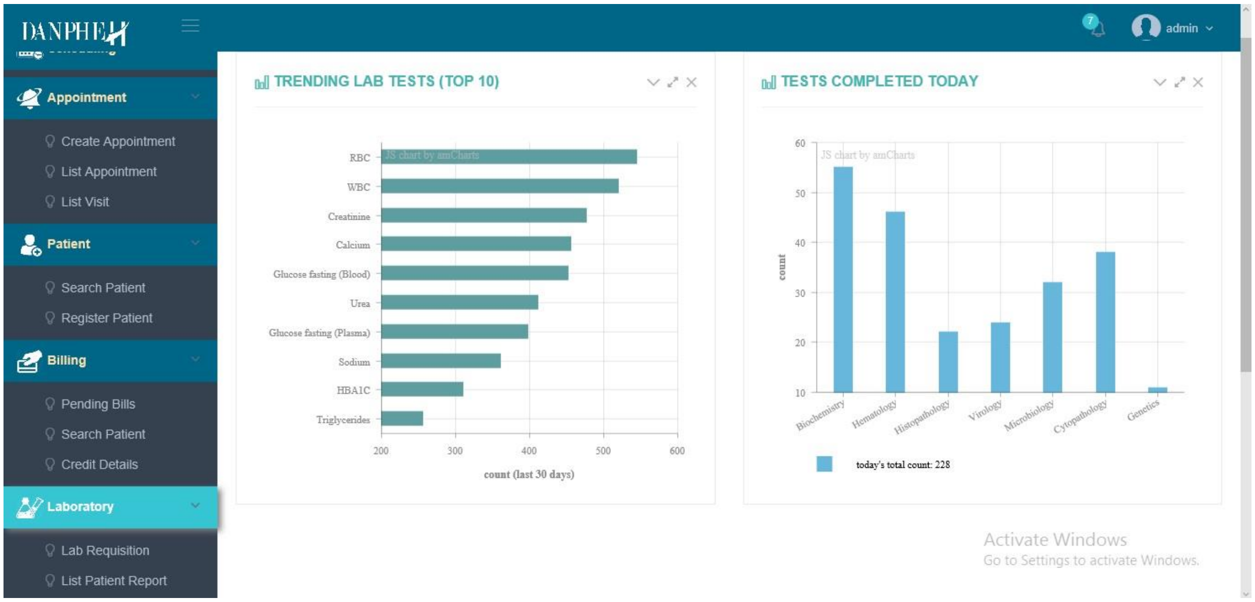
6.8 Edit Doctor

Once the bill is generated with doctor's name, due to unavailability of the doctor, if another doctor is to be referred, this section is useful.

7. LABORATORY

This section manages to collect information about the various activities conducted in lab.

It shows trending lab test collecting the information of last 30 days and the test completed on everyday basis. It establish a diagrammatic representation for the information of Hospital Management. It can be helpful for data analysis.



7.1 Lab Requisition

Whenever patient needs lab test , this section is helpful to request for a test.

7.2 Add Results

It displays result of test done.

7.3 List pending report

It shows the list of lab tests whose report is pending and in process.

7.4 View all reports

It shows the list of all reports examined

8. RADIOLOGY

8.1 List Requests

It displays the request made by the patient with required Imaging report.

8.2 View Reports

It displays the imaging Report of all patients.

9. ADMISSION, DISCHARGE, TRANSFER

9.1 Search Patient

It displays the list of patients who needs to be admitted.

9.2 Admitted Patients

It displays the list of patient who are admitted.

9.3 Discharged Patients

It displays the patients list who are discharged after necessary treatment.

10. INVENTORY

10.1 Internal

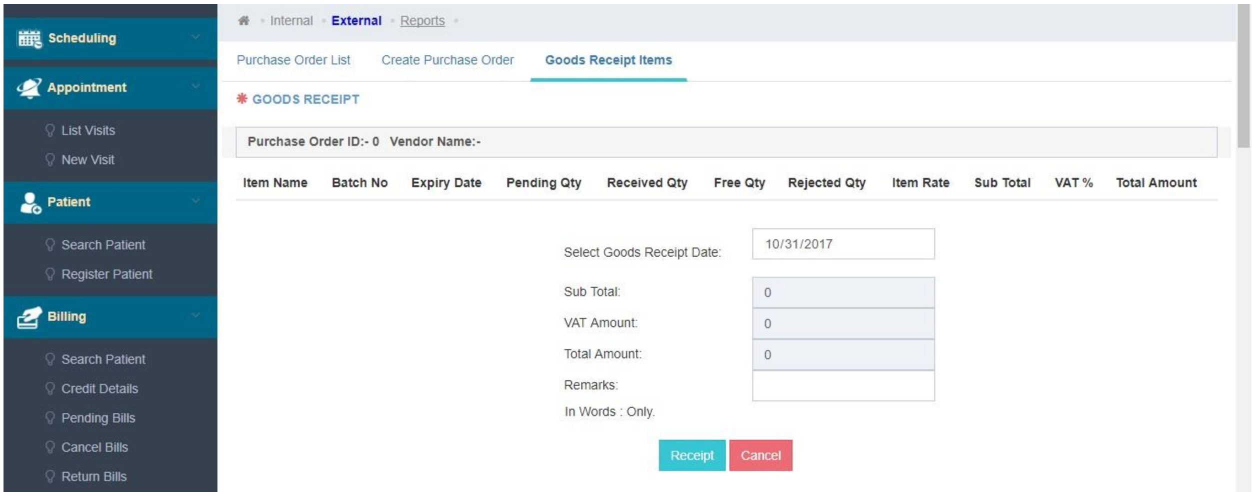
It includes internal procedures for inventory procurement like

- Requisition from various departments,
- dispatch to various departments
- Writeoffs
- Requisition Details

10.2 External

It includes Inventory procurement procedures to the outside vendors like

- Creating Purchase order to be submitted directly to outside vendors.
- List of Purchase Order submitted.
- Good Receipts with amount.



11. HELP DESK

It is the Module for Customer care service.

11.1 Employee Information

It displays the list of Employees working in the organization with Designation, Contact Information, Extension No., and Room No. & Working Hours.

11.2 Bed Information

It displays the information regarding Bed No., bed type, Price, Occupancy status.

11.3 Ward **Information**

It gives the information of Ward name, Total Beds available and occupied.

12. SETTINGS

To configure the parameters of different modules

12.1 Departments

To manage department like adding new department in the organization.

12.2 Radiology

This is used for managing Imaging type and managing imaging item like adding new imaging type if available.

12.3 ADT

To add new ward available in the hospital

12.4 Security

To add new user, restrict user or deactivate the user

12.5 Billing

- Manage Billing Items
- Manage Billing Packages

12.6 Employee

To update the employee information or add new employee

13. SYSTEM ADMIN

This is used for taking Backup and restoring the system which aims to provide aid to disaster recovery.

If the backup is to be created, click take database Backup, It will Display the designated where the backup is created. After backup is created , it will show the list of backup with date it is created.

If you want to restore the system, select the latest database created and restore it.