Hospital Information Management System

AMA Healthcare LLP

Mission

- Provide a user-friendly, competitive platform to contact the required medical service at the nearest location and make an informed choice.
- Better Patient Management by the Doctor fraternity.

Vision

- Reach out to the people at large with Relevant, Informed, Timely and Easy access to accurate Health Care Services across the country.
- Leveraging technology and e-commerce for a wide spread reach.

Introduction:

The Hospital Management System (HMS) is designed for Any Hospital to replace their existing manual, paper based system. This System targets to provide complete solution for Hospital and Health care services.

This System can be used in any Hospital, Clinic, Diagnostics or Pathology labs for maintaining patient details and their test results.

It Integrates the entire Resources of a Hospital into One Integrated Software Application.



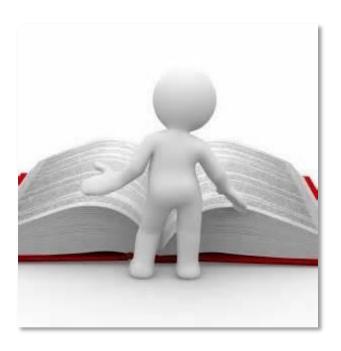
Features:

Useful for:

- 1.Large, Medium Hospitals and Nursing Homes.
- 2. Physicians, Surgeons, Gynecologist. Generate Prescriptions in less than 60 seconds.

Multi-user, LAN, Online and Offline Compatible with any Windows 7 or higher version. SMS Facility.

Patient ID card with barcode for Patient ID



Benefits:

Minimize hand written work from admission to Discharge of patient and Final Billing.

It helps you to minimize your repeated works and take care of the complete functionality of your hospital.

It is huge time saver and really facilitates proper communication among the management, staff and the patient parties.

Daily collection report.





Acharya Shree Nanesh Hospital

Address: Plot No 34, 37, Artist Village, Sector 8A, CBD Belapur, Navi Mumbai, Maharashtra - 400614



The India clinic

Address: Shop No.10, C.P. Tank, Khadilkar Rd, Charni Road East, Khandiwadi, Narayanwadi, Girgaon, Mumbai, Maharashtra - 400004



The clinic

Address: 3, Rajat Apartment, Mount Pleasant Road, Malabar Hill, Mumbai, Maharashtra - 400006



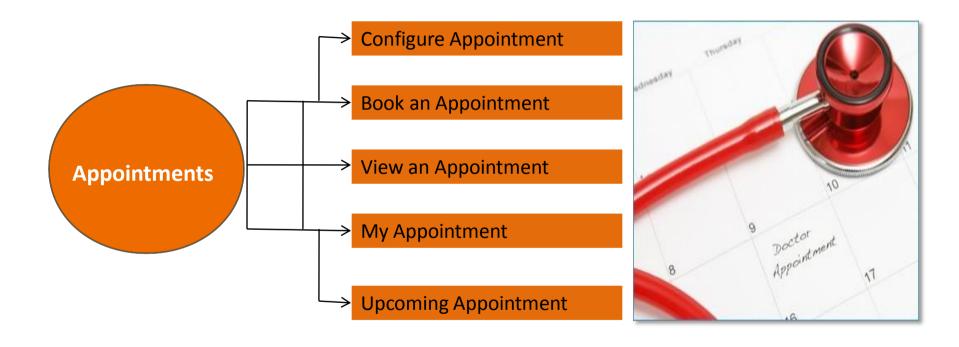
Stoma Advanced Dental Care

Address: 2nd Floor, Bombay Mutual Terrace, 534, Sandhurst Bridge, Sardar Vallabhbhai Patel Rd, Gamdevi, Mumbai, Maharashtra - 400007

Modules:

Appointment	Billing	Doctor	Income & Expense
Hospital	Laboratory	Operation	Patient
Inventory	Communication	Reports	Setting
	IP TV	Patient Counseling	

Appointment Module



1.Appointment

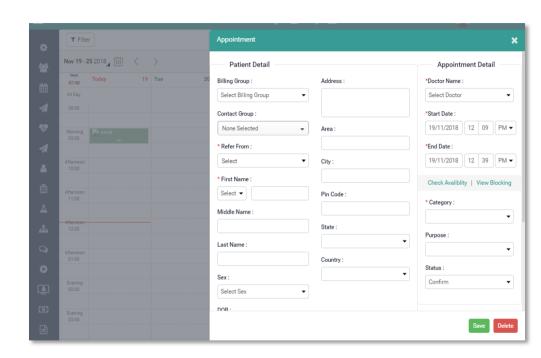
1.Configure an Appointment:

Here we can create the availability timings of a doctor.

Doctor wise appointment scheduling.

Daily, Weekly & Monthly Appointment scheduler.





1.1Appointment

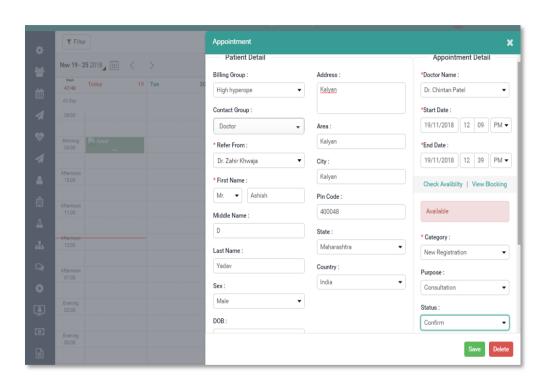
1.1.Book An Appointment:

Appointment SMS alerts to Patients.

Doctor wise appointment scheduling.

We can get Existing Patient Details and can able to create the new patient detail.





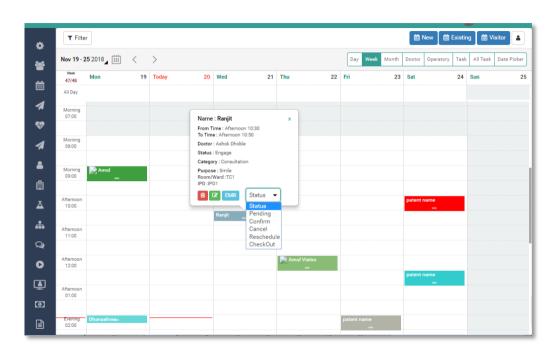
1.2Appointment

1.2. View an appointment:

In this screen we can view the Booked Appointment and Patient Details.

We can able to complete & cancel an appointment with cancellation reason.



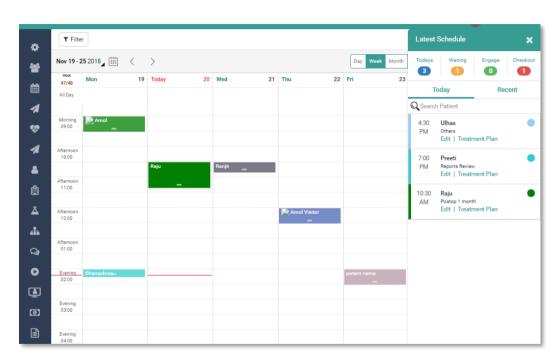


1.3Appointment

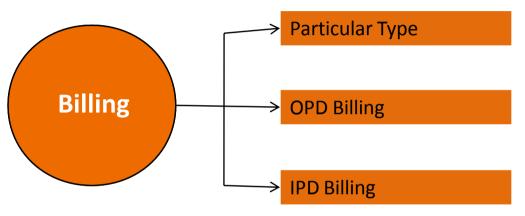
1.3. Upcoming Appointments:

In this screen we can view the upcoming appointment details.





2.Billing



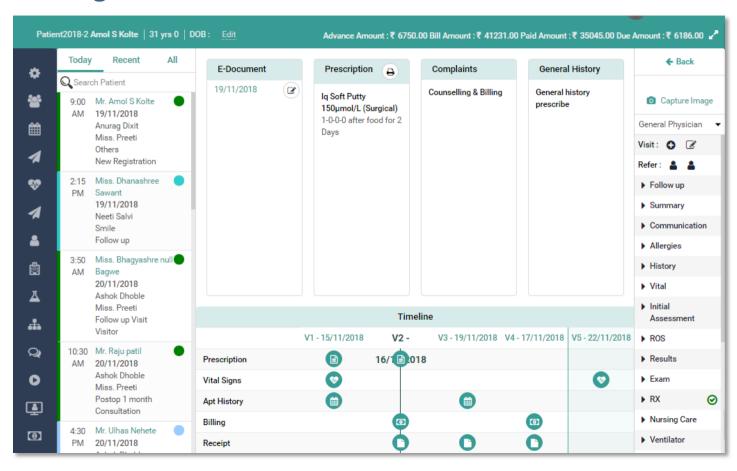


2.1.Billing

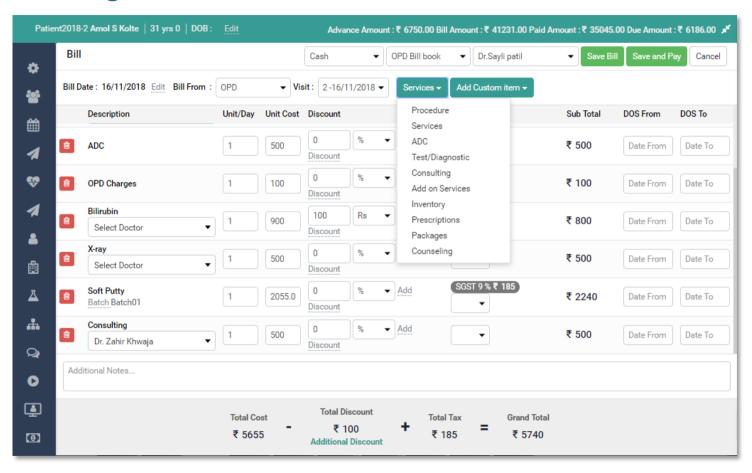
2.1.OPD Billing:

- *One screen OPD patient Entry.
- *Re-view previous visits and records.
- *Print bill quickly for Visit charges.
- *Supports predefined price list for type of patients.
- *Can able to make print of Bill report.
- *Can store bill report in hard and soft copy.

2.1.OPD Billing

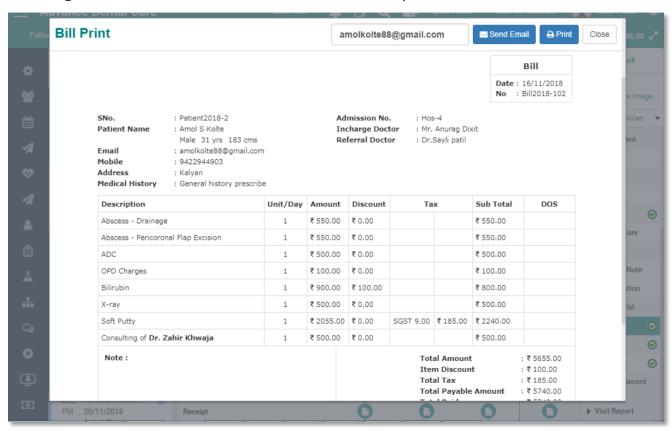


2.1.OPD Billing



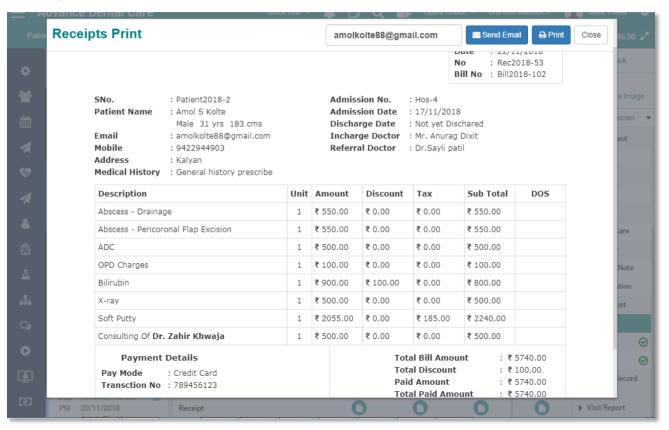
Bill Print

Shows the image on screen of the actual bill that will be printed.



Receipt Print

Shows the image on screen of Receipt that will be printed.

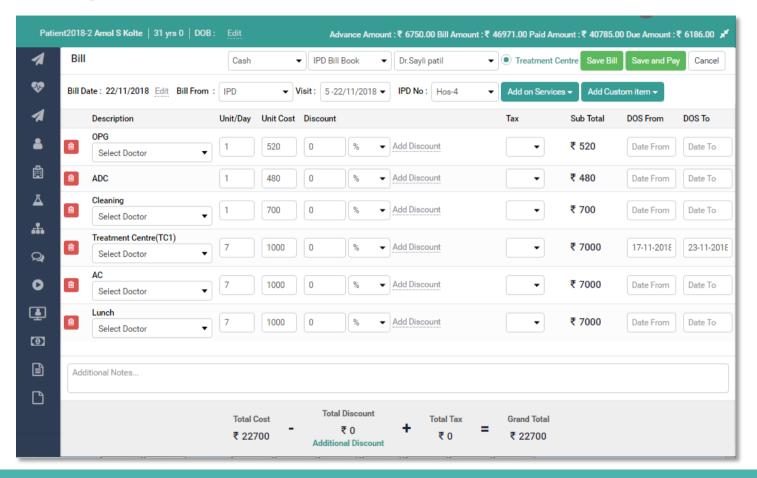


2.2.Billing

2.2.IPD Billing:

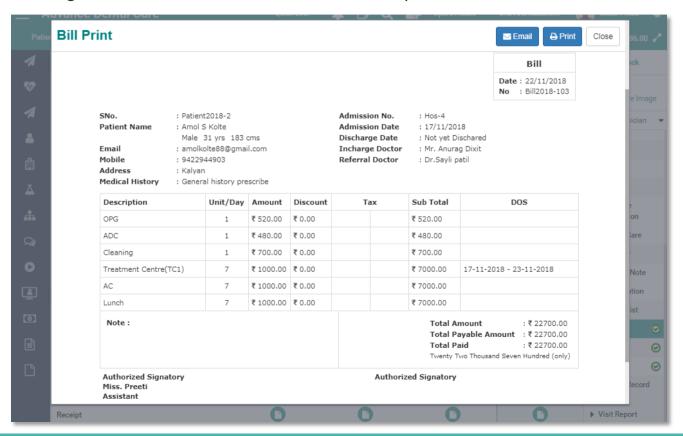
- *Define bill particulars.
- *Bill charges depending upon room type, operation charges, surgery charges etc.
- *Module for maintaining ADVANCE Payment, DISCOUNT, REFUND, BILLING SUMMARY records and data related to that.
- *Can get bill status along with all the information Medicine, Treatment, Particular charges of up to date.

2.2.IPD Billing



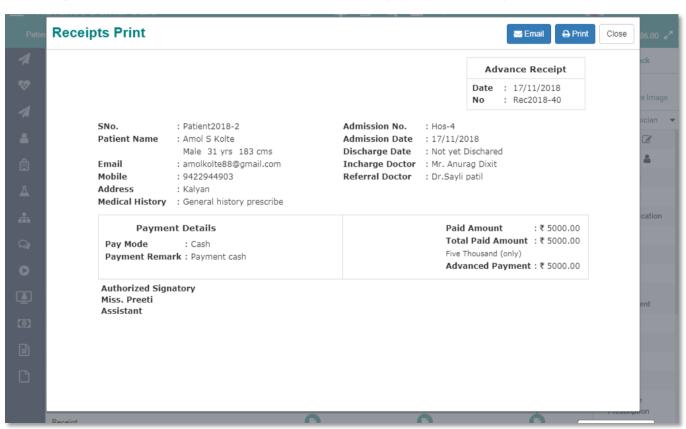
Preview of Billing summary for IPD Billing

Shows the image on screen of the actual bill that will be printed.

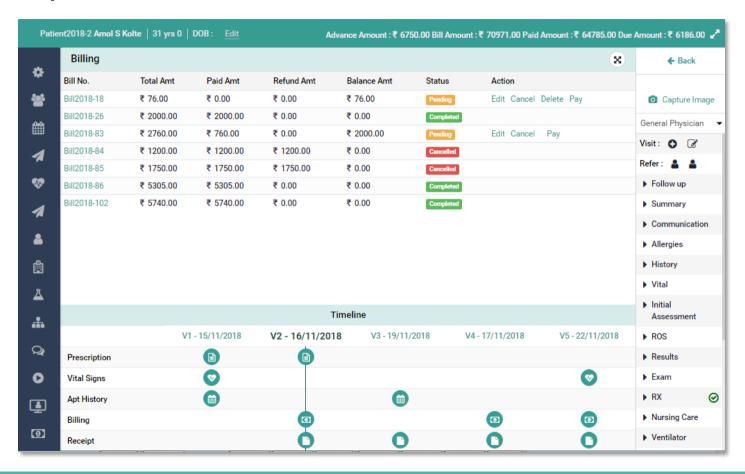


Preview of Advance Receipt

Shows the image on screen of the actual Advance receipt that will be printed.



Billing Summary Record:

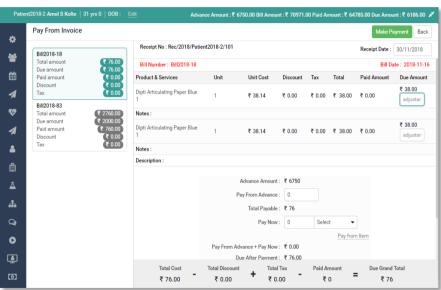


2.2.Advance Payment

Advance Payment: Here you can make take advance payment.

Pay from Invoice: Here you can pay from pending invoice.

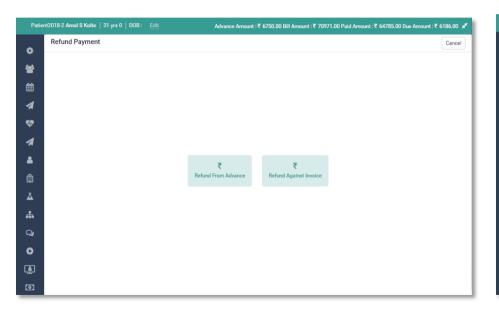


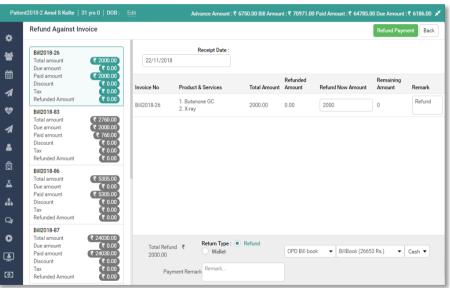


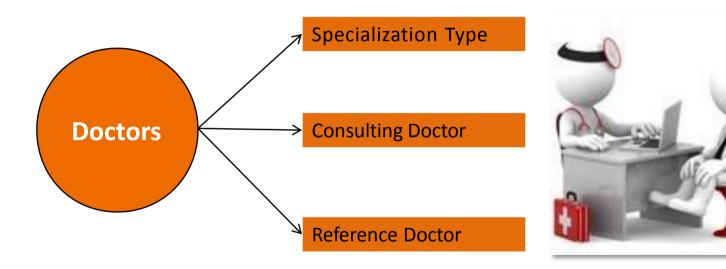
2.3. Refund Payment

Refund from Advance: Here you can make refund against advance payment.

Refund against Invoice: Here you can refund against invoice.

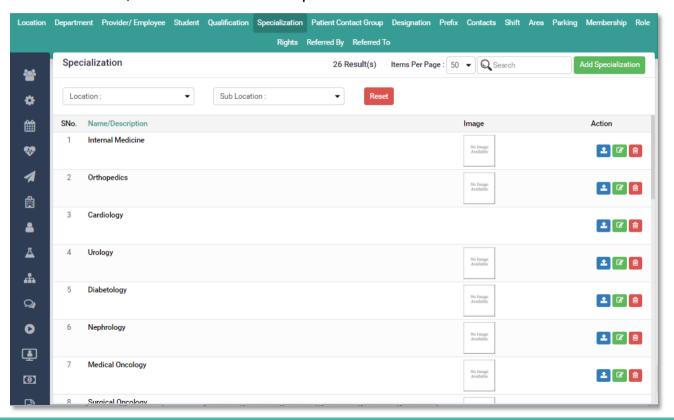






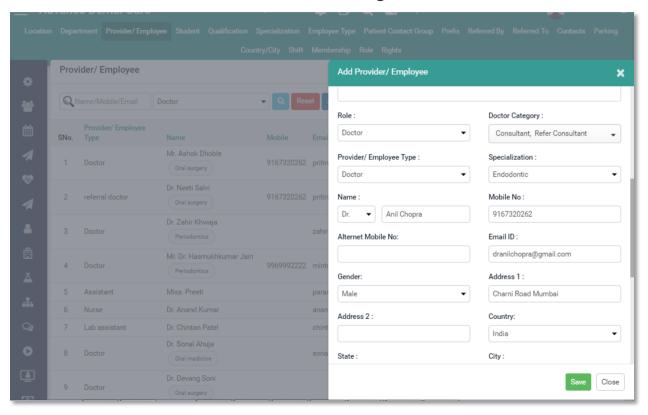
3.1.Specialization Type:

In this screen we can add, edit and delete the specialization details.



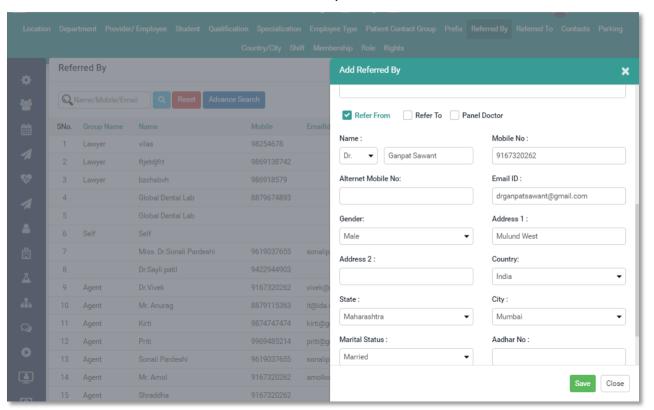
3.2.Consulting Doctor:

In this screen we can add, edit and delete the consulting doctor details.



3.3. Reference Doctor:

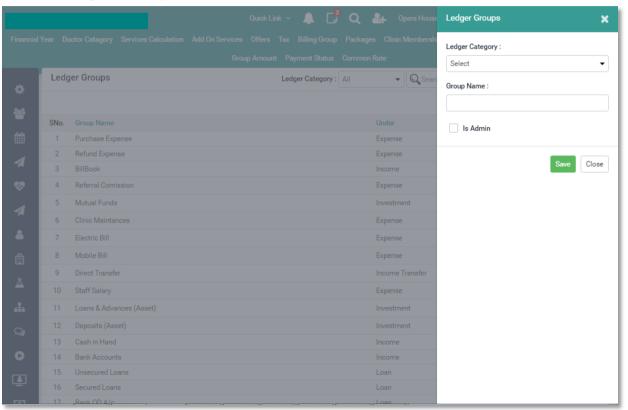
Here you can create Reference doctors for the Hospital & can able to save the commission also.





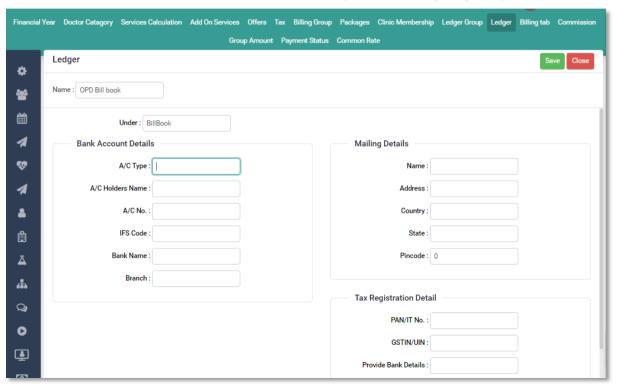
4.1.Ledger Group:

Here is to create Ledger Group.



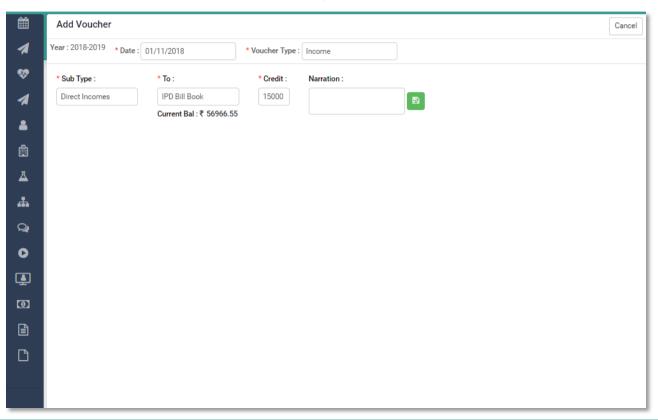
4.2.Bank Details:

In this screen we can enter the types of Expenses for the hospital. ex:1. Hospital rent 2. Electrical charges etc. and we can enter the bank details of respective ledger group.



4.3.Income List:

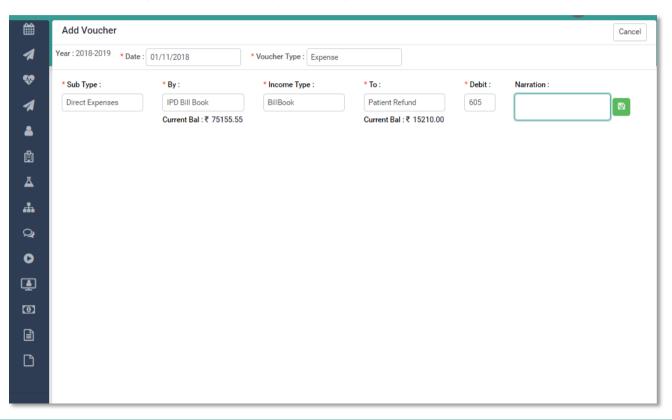
It's the list of headers of income made in the Hospital.



4.Income & Expense

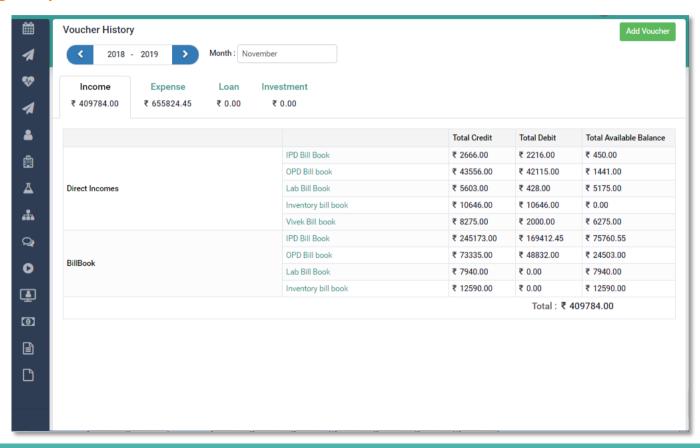
4.4.Expense List:

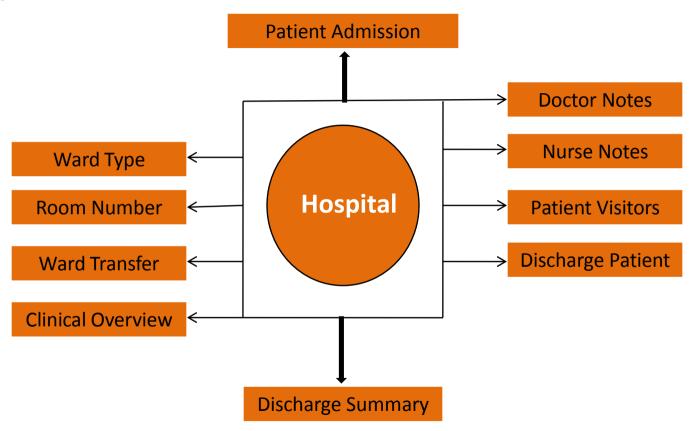
It's the list of headers of expenses made by the Hospital.



4.Income & Expense

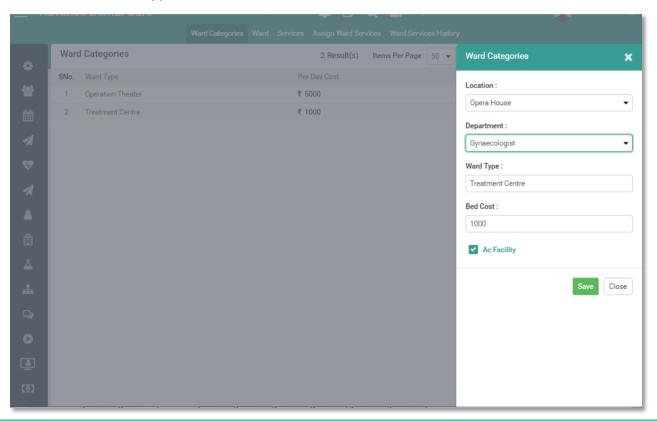
4.5.Ledger Report:





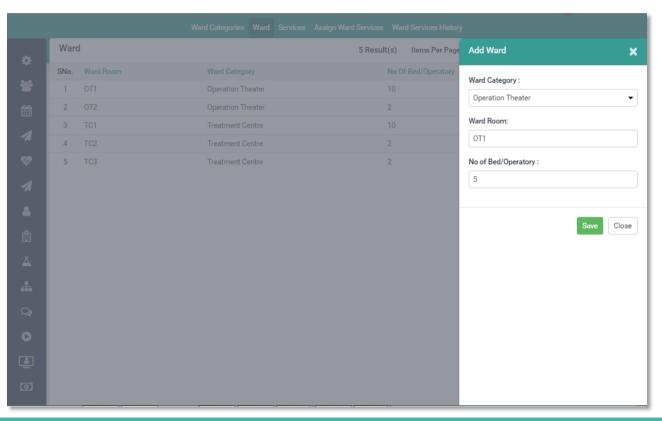
5.1.Ward Type:

Here is to create a ward type.



5.2. Room number and Bed Creation:

Here is to create Rooms, in wards and create Beds in room.



5.3. Patient Admission:

Here the patient is admitted to the hospital and here are the details.



A:PATIENT DETAILS: UHID NO: PATIENT2018-8 IPD NO : HOS-6 NAME: ULHAS NEHETE SEX: MALE AGE: 32 D.O.B.: 18/11/1986 MARITAL STATUS: MARRIED ID MARK: 1. A MOLE ON THE FOREHEAD 2. MOLE ON RIGHT HAND OCCUPATION: CURRENT ADDRESS: KALYAN MLC CASE: NO CONTACT NO: 9930934481 B.NEXT OF KIN / PERSON TO CONTACT IN EMERGENCY : PRASHANT PATIL RELATIONSHIP WITH PATIENT: SON CONTACT NO: 9167320262 C.PAYMENTS: MODE OF PAYMENT: CASHLESS NAME OF CORPORATE / TPA : HDFC ERGO HEALTH INSURANCE D.REASON FOR ADMISSION / DIAGNOSIS: TYPE OF MANAGEMENT: MEDICAL MANAGEMENT, SURGICAL MANAGEMENT ICD CODE: TREATING DOCTOR: DR. ZAHIR KHWAJA ATTENDING RMO : DR. MANOJ NURSING STAFF ON DUTY: DR. ANAND KUMAR REFERAL DOCTOR: DR. SEEMAB KHAN E.ADMISSION: DATE OF ADMISSION: 22/11/2018 TIME: 9:58AM OPTED BED CATEGORY: TREATMENT CENTRE/TC1 BED NO:9

DATE OF DISCHARGE: TIME:

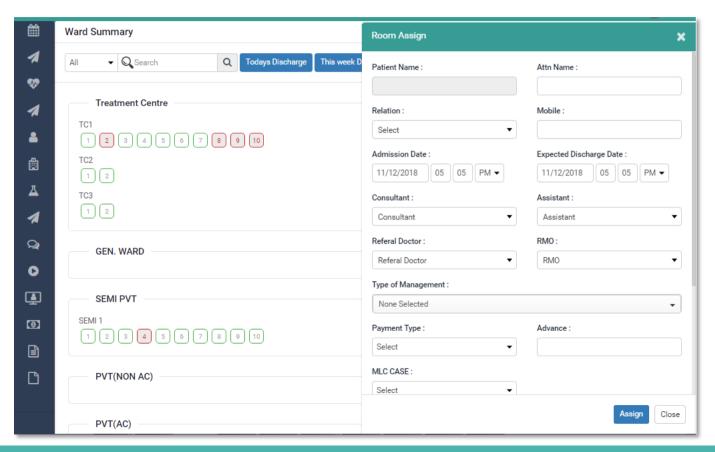
CONSENT FOR MINOR PROCEDURE & MEDICATION:

I am willing for any procedure and any medication required for my patient for which I am solely responsible and I don't hold any responsibility on doctors and staff.

Authorised Signatory

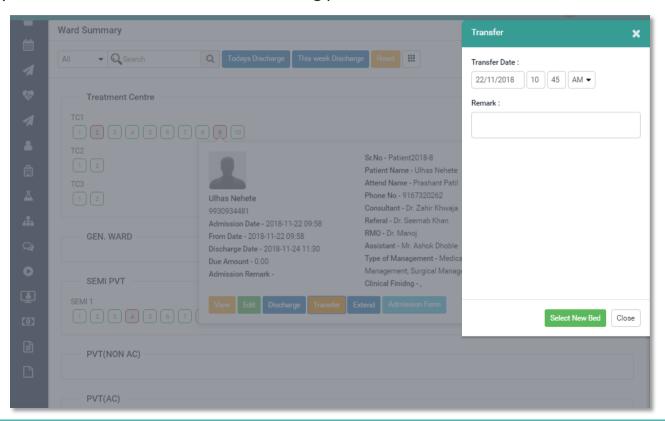
Signature/Thumb of Patient **Hospital Seal**

5.3. Preview of Patient Admission:



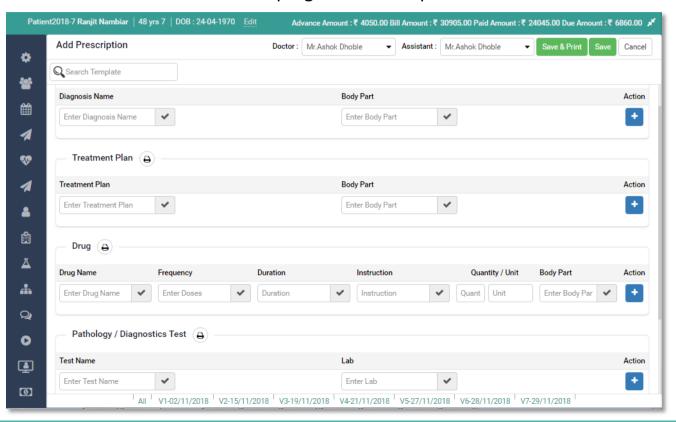
5.4.Ward Transfer:

Here by bed transfer can be done with existing patient to new bed.

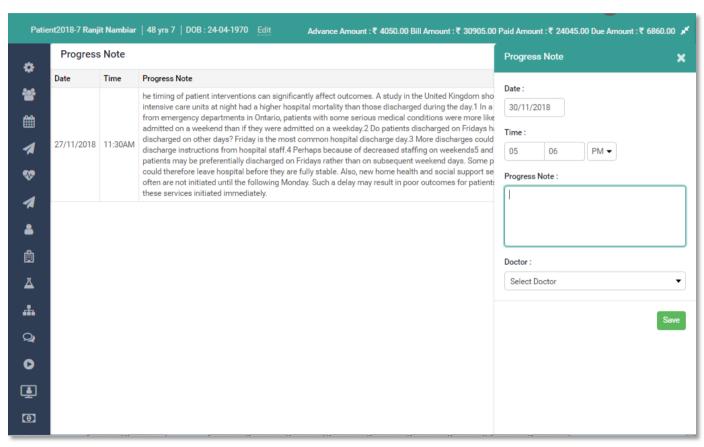


5.5.Doctor Notes:

Here Doctors were advice medicines and progress notes of patient.

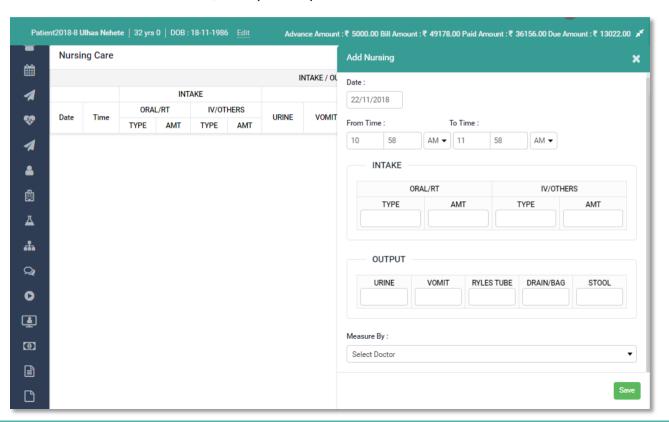


5.5. Doctor Notes:



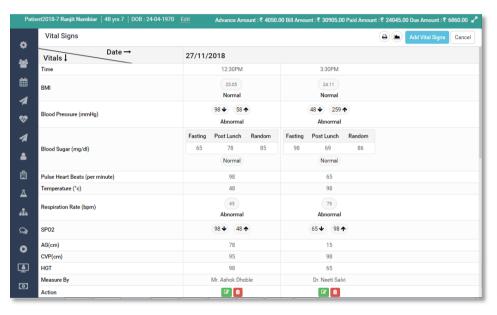
5.6. Nurse Notes:

Here Nurse were measure Intake / Output of patient.



5.6. Nurse Notes:

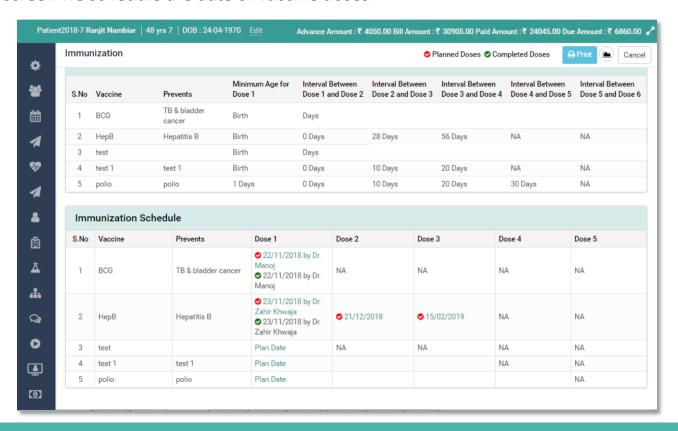
In this screen we measure Vital signs. As per readings auto graph generated.





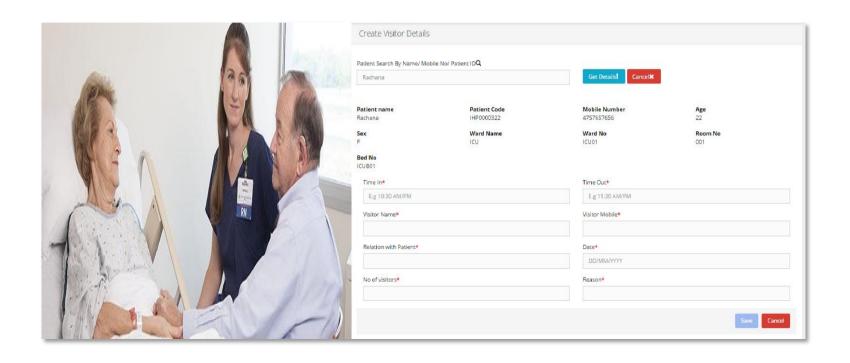
5.6.Nurse Notes:

In this screen we schedule the date of vaccine doses.



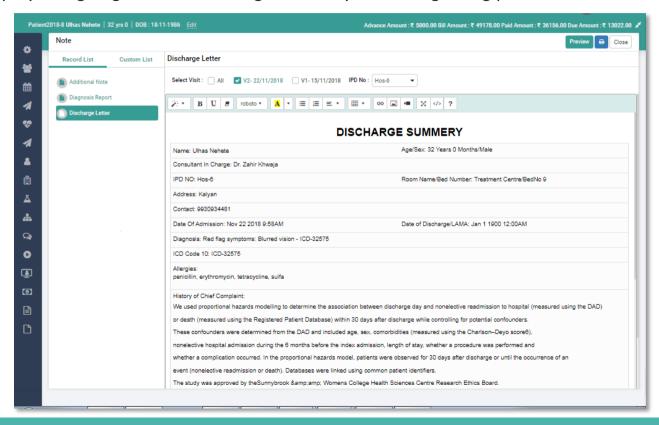
5.7.Patient Visitors:

Here we can create patient visitor Details to the Hospital.



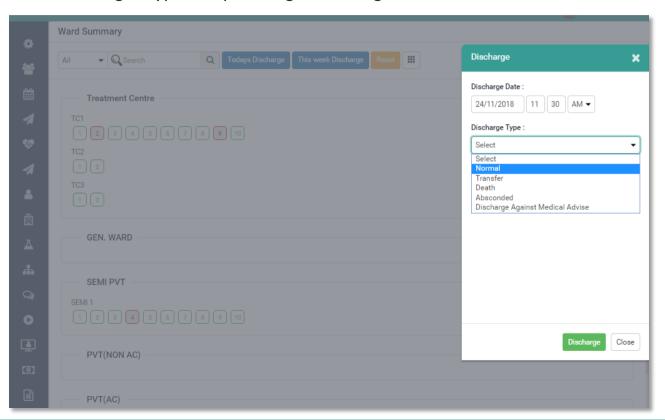
5.8. Discharge summary:

Here Employee is going to write Discharge summary details regarding patient.



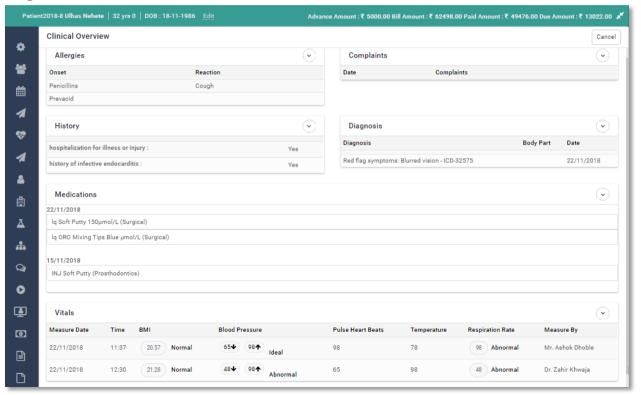
5.9.Patient Discharged:

Here by select discharged type and patient get discharged.



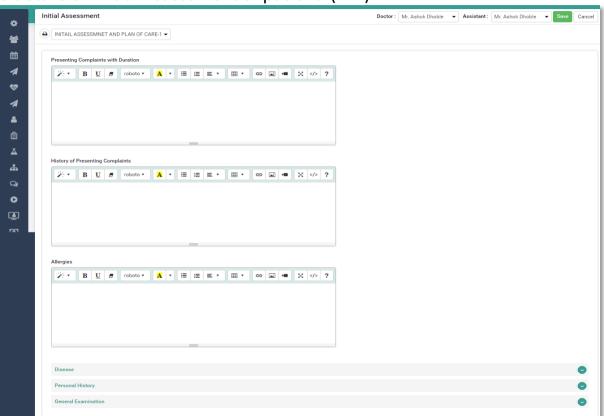
5.10. Patient Clinical Overview:

Here are the details of the history of the patient. Here you get all visit of Histories of Prescription, Vital and Allergies.

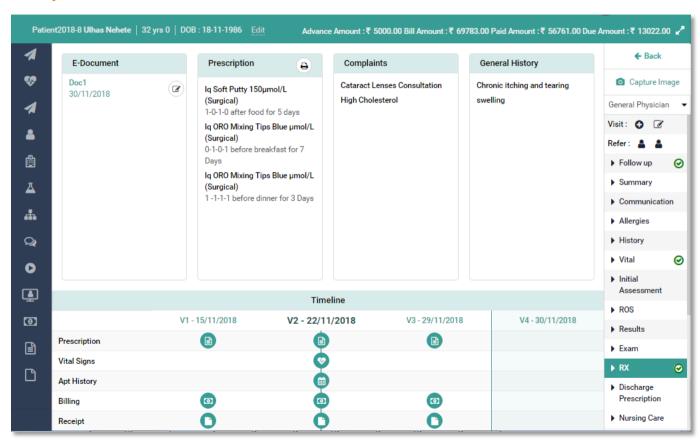


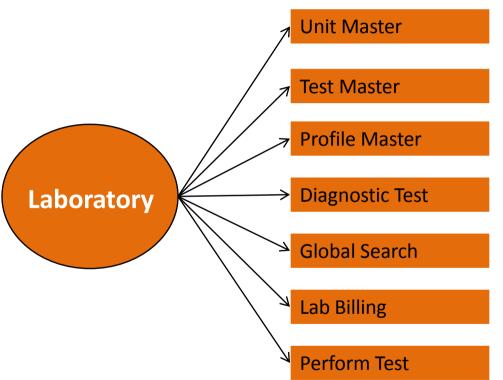
5.10.HPI:

Here are the details of Initial Assessment of patient. (HPI)



Patient Summary:

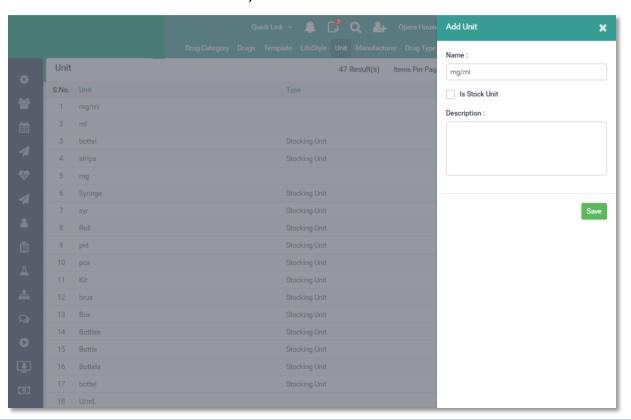






6.1. Unit Master:

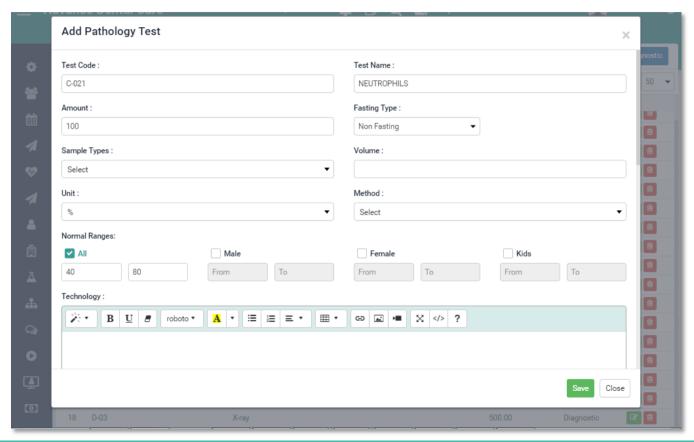
In this below screen where we can add, edit and delete unit test values.



6.2.Test Master:

- *Where we can create Test which can have sub-test, micro test etc.
- *Test can have numeric and descriptive values it depends on category and unit values.
- *While creating the test we will enter the cost of the test.
- *In this below screen where we can add, edit and delete main test, sub test etc.

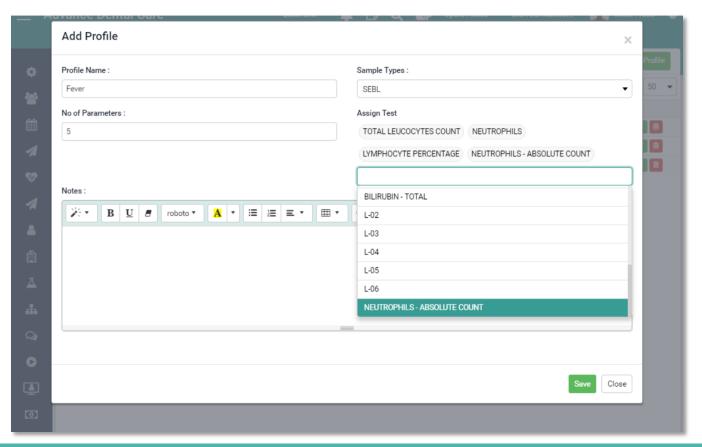
6.2.Preview of Test Master Screen:



6.3.Profile Master:

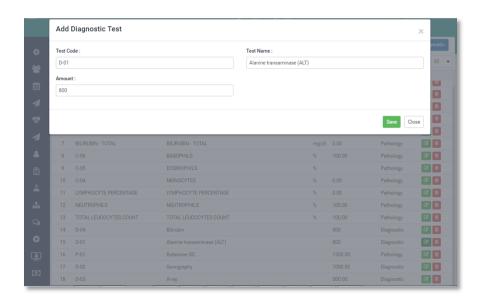
- *While creating the Profile test name we will enter the cost of the Profile.
- *Where we can create Profile test which can have Main test, Subtest, Micro test etc.
- *Main test can have numeric and descriptive values it depends on category and unit values.
- *In this below screen where we can add, edit and delete main test, sub test etc.

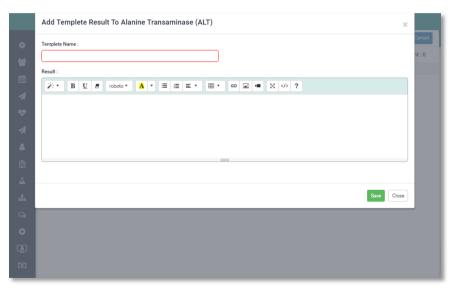
6.3. Preview of Profile Master screen:



6.4. Diagnostic:

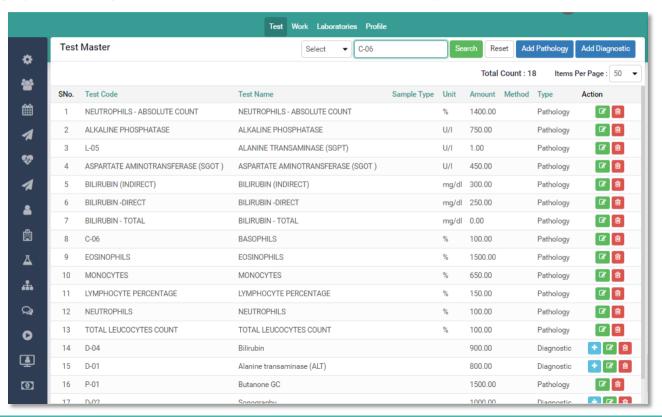
Here we can add the Diagnostics test and enter the cost of the test. And result template for diagnostic test.





6.5. Global search screen for Test, category and profile:

Depending upon the keyword we can search Details of test and profile.



6.6.Lab OPD Billing:

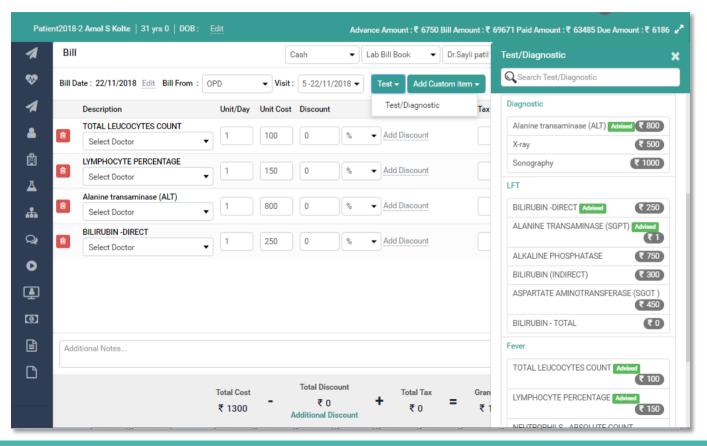
- *We can bill single or multiple test by selecting existing patient or by creating new patient details.
- *We can also give discount, commission for reference doctor.

6.6.Lab IPD Billing:

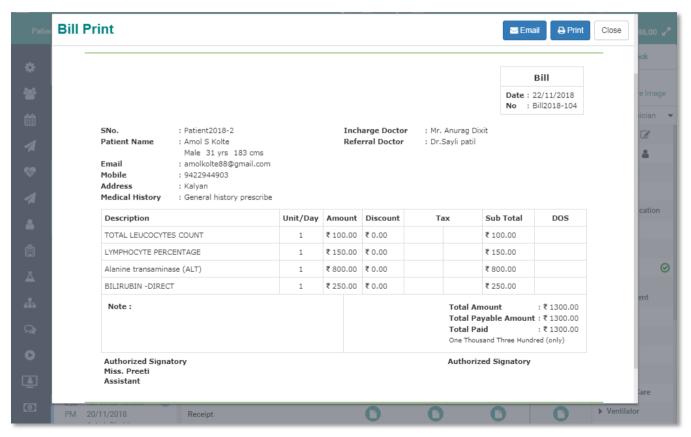
Define bill particulars.

- *Bill charges depending upon Test, profile and diagnostic tests etc.
- *Module for maintaining ADVANCE Payment, DISCOUNT, REFUND, BILLING SUMMARY records and data related to that.
- *Can get bill status along with all the information Particular charges of up to date.

6.6. Preview of Lab Billing screen:



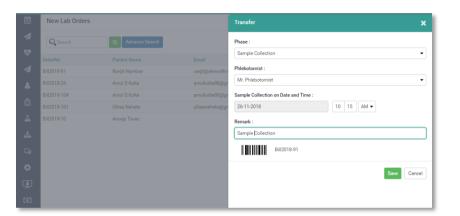
6.6.Preview of Lab Billing Print:

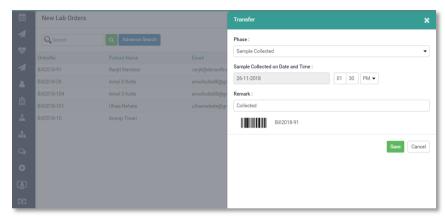


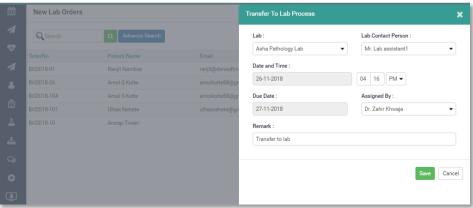
6.7.Perform Test:

- *Once the bill has been generated we can perform the test, please find the below list of screens.
- *Sample collection, sample Collected And Transfer to Lab.
- *For Diagnostic Test directly Transfer to Lab.
- *We can enter the observed values, Note and edit the observed values.
- *We can take print after performing the test.

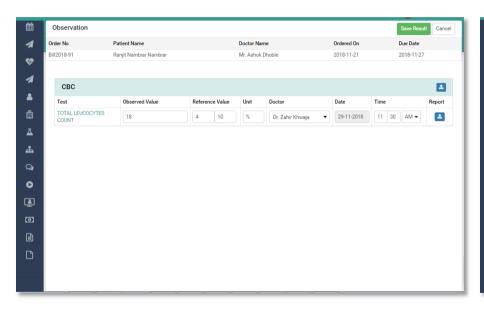
6.7.Preview of Perform Test screen:

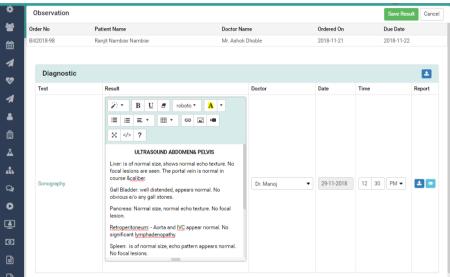




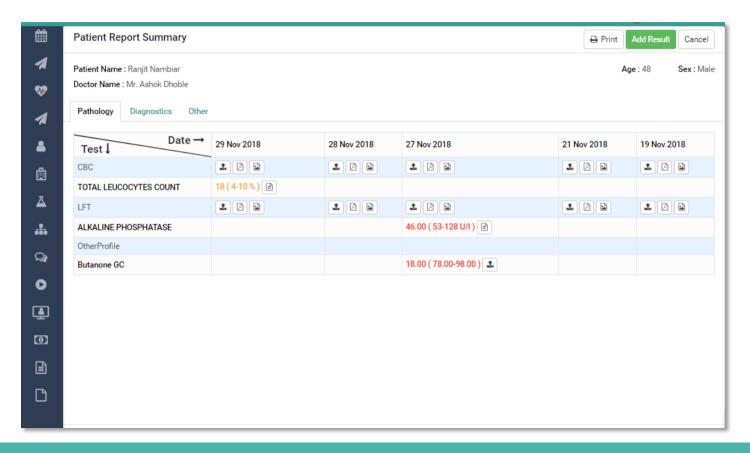


6.7.Entering the observed values :

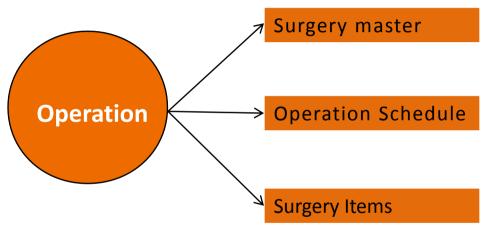




6.7. Preview of Perform Test Print screen:



7.Operation

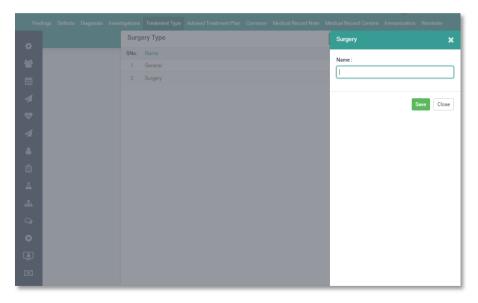


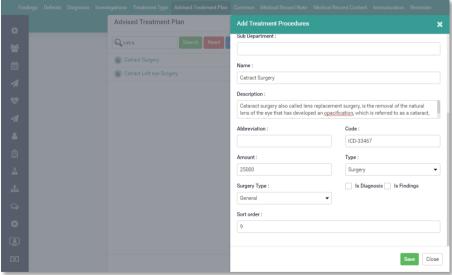


7.Operation

7.1. Surgery Master:

You can enter the Surgery Name details with surgery cost.

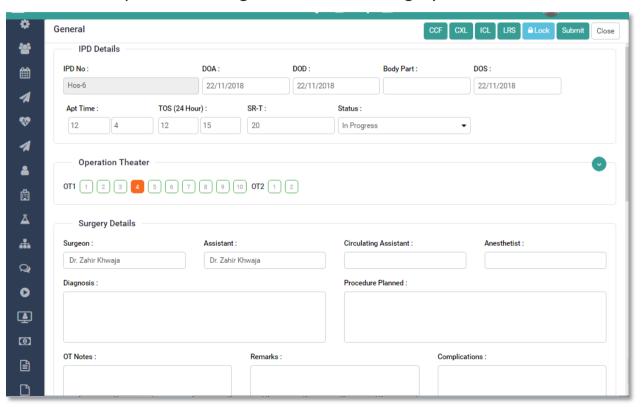




7.Operation

7.2. Operation schedule:

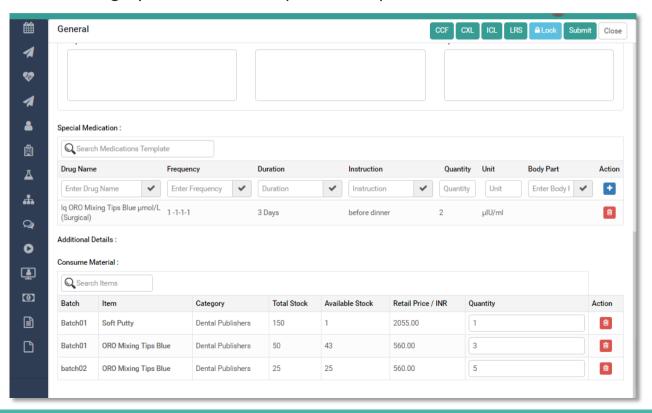
Here you can schedule operation timings & doctor for a Surgery.



7. Operation

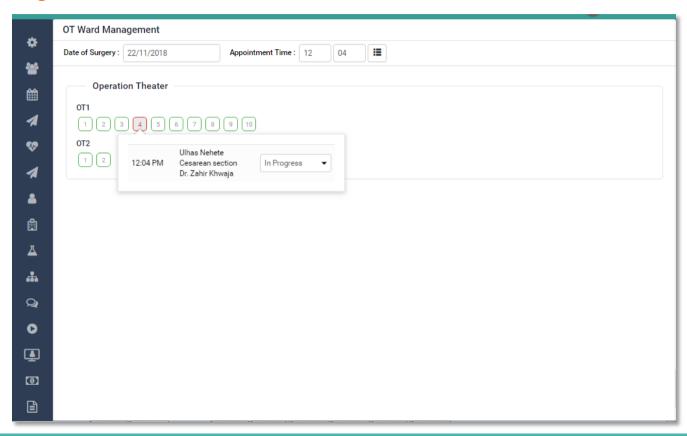
7.3. Surgery Items:

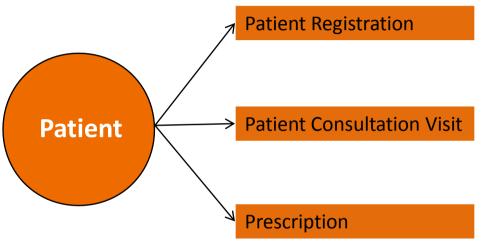
You can add the Surgery items details for particular operation.



7.Operation

OT Bed Management:







8.1.Patient Registration :

- *Here patient has to register with all required information with his or her photo also.
- *Here you can enter Demographic, Address detail, Family detail, Occupational Insurance, Miscellaneous.
- *Here you can get patient ID card, with barcode facility for patient ID.

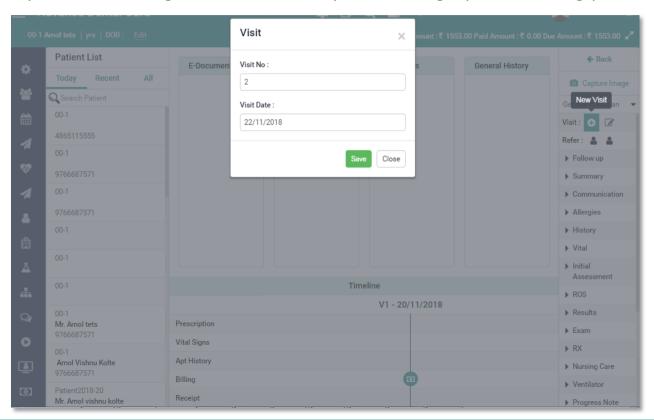
8.1. Preview of Patient Registration and patient ID card screen:



ø	Patient Registration Save							
	Demographic Address Details Family Details Occupational Insurance Miscellaneous							
쌸				Branch : Opera House ▼			Department:	
₩		•						
1	Change		Doctor:			Assistant :		
*						▼		·
1	★ Refer From :		Refer To:		Billing Group :		Contact Group :	
	Select	Select ▼ + Select		•	+	Select Billing Group	•	None Selected ▼
*	Patient Code :		★ First Name :			Middle Name :		★ Last Name :
			Se ▼					
Ϫ	Birth Date :	Age:	Date of Registration :			Blood Group:		Marital status :
.		Year Month	22/11/2018			Select Blood Group ▼		Select ▼
	Aadhar No :		PAN No :		Sex:		Language :	
Q						Select	•	Select ▼
0	Religion:		Identification	n Marks 1 :		Identification Marks 2 :		
	Select ▼							
(Address Detail					•		
	Address:		Area:					

8.2. Patient Consultation:

Here is the patient consulting with the doctors & you can also get patient visiting pass.



8.2.Preview of patient visiting Pass:

Patient Name : Mr. Chandra

Age : 26 Sex : M

City :

Patient ID : IHP0000292

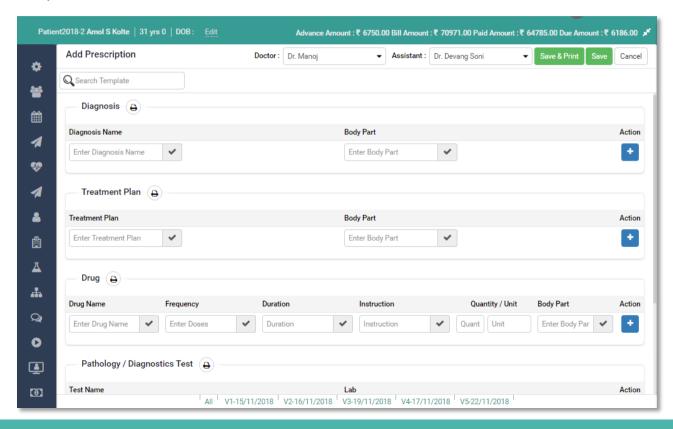
Date/Time : 15/05/2016 11:24:50 PM

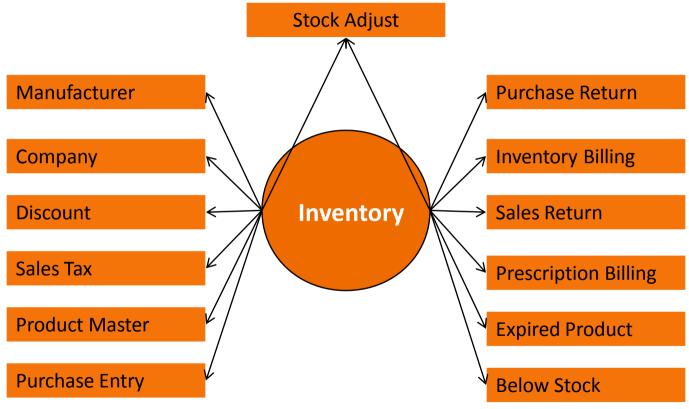
Doctor Name : No Of Visit : 1

Valid From: 16/05/2016 To: 31/05/2016

8.3. Prescription:

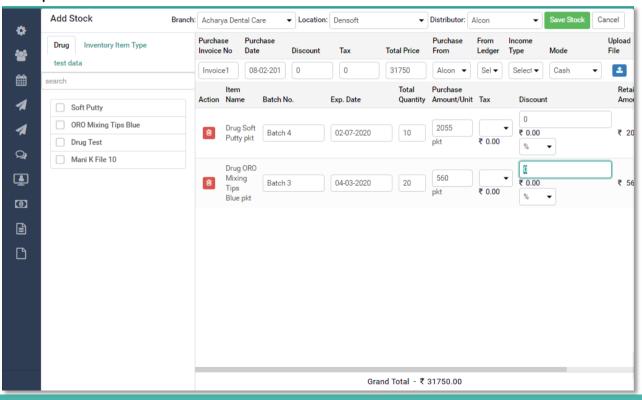
The details of prescribed medicines.





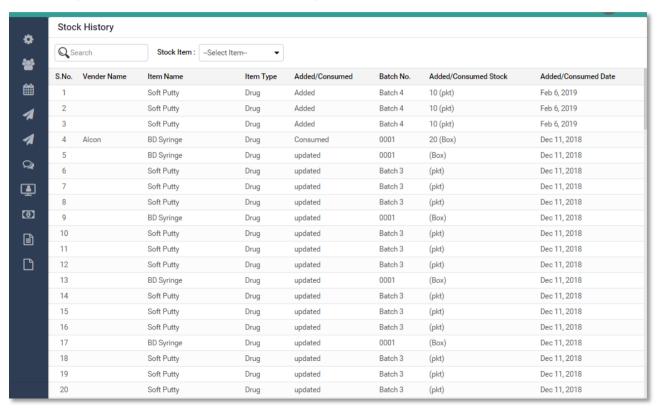
9.1.Stock Adjust:

Here you can open and close today's pharmacy product stock and these opened and closed stocks can be view in reports.



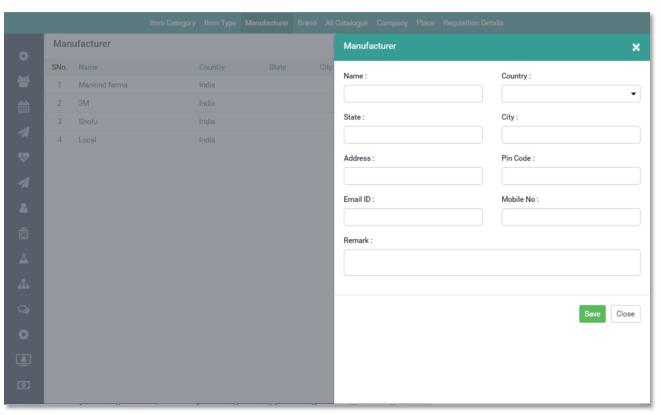
7.1.Stock Adjust:

Here you can see opened and closed stocks in reports.



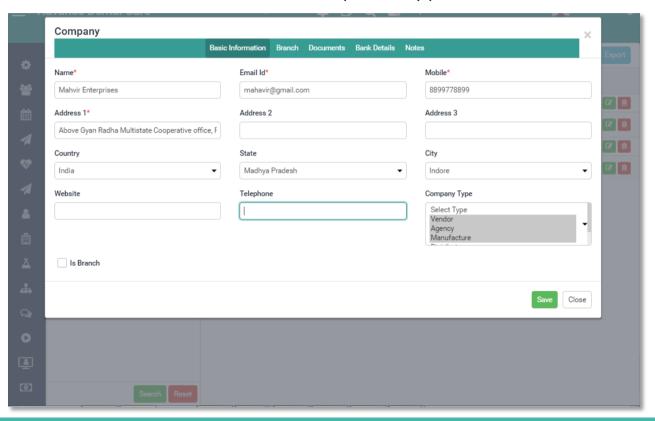
9.2. Manufacturer:

Here you can enter the manufacturer Details of the pharmacy product.



9.3. Distributor:

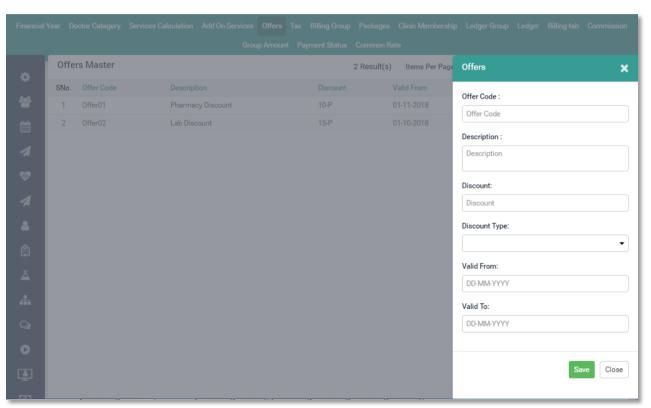
Here you can enter the Distributor Details of the pharmacy product.



9.4. Discount:

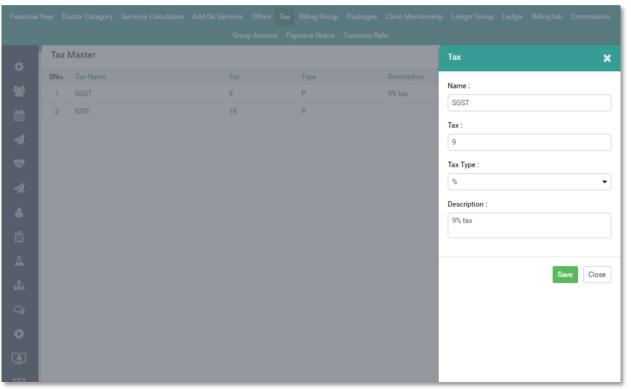
Here you can enter the Discount Details of the pharmacy product, it will bind in pharmacy billing

screen.



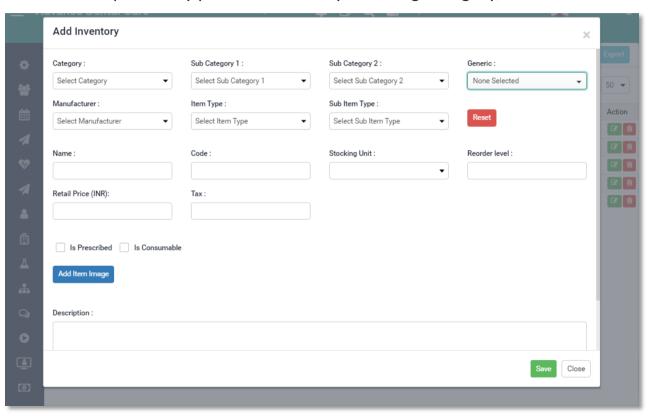
9.5.Sales Tax:

Here you can enter the Sales Tax Details of the pharmacy product, it will bind in pharmacy Purchase entry screen.



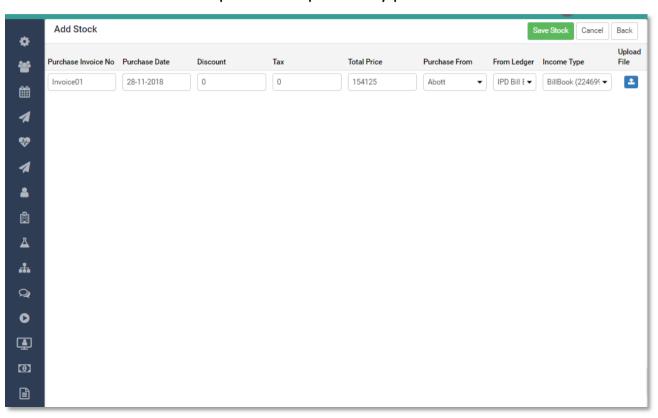
9.6.Item Master:

Here you can enter the pharmacy product details by selecting Category, Manufacturer names etc.



9.7. Purchase Entry:

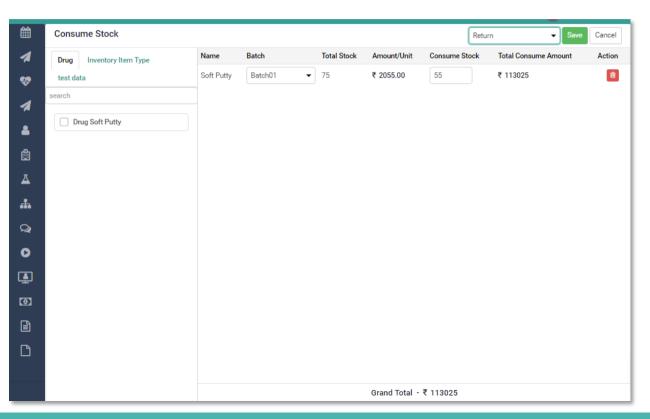
Here you can enter the details of the purchased pharmacy product from the distributor.



9.8. Purchase Return:

Here you can return the purchased product from the distributor by selecting item name & batch

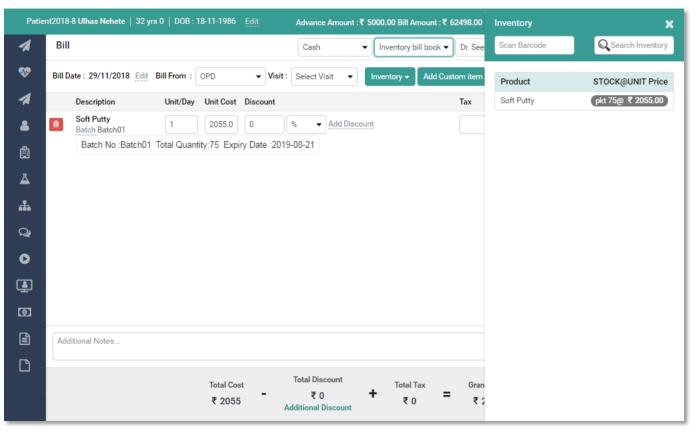
number.



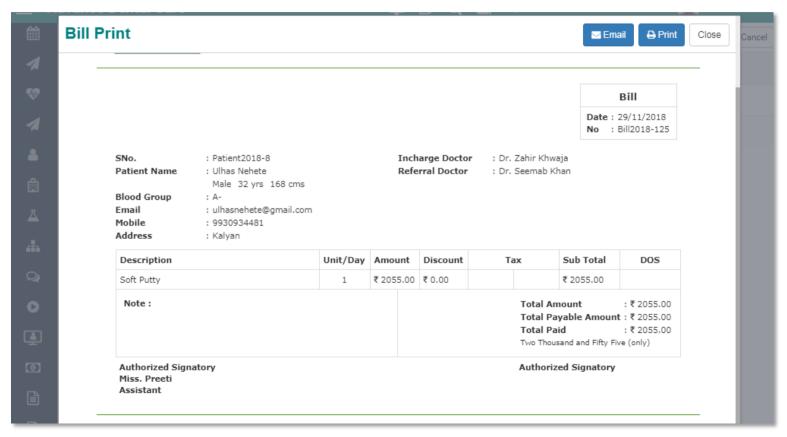
9.9.Pharmacy billing:

- *Here you can select single or multiple pharmacy product along with batch name, after selecting the quantity of the product vat & discount amount is calculated on MRP.
- *Supports predefined price list for type of pharmacy products.
- *Print bill quickly for pharmacy product charges.
- *Can store bill report in hard and soft copy.
- *Can able to return the pharmacy product & can get new bill for returned product.

Preview of Inventory Billing screen:

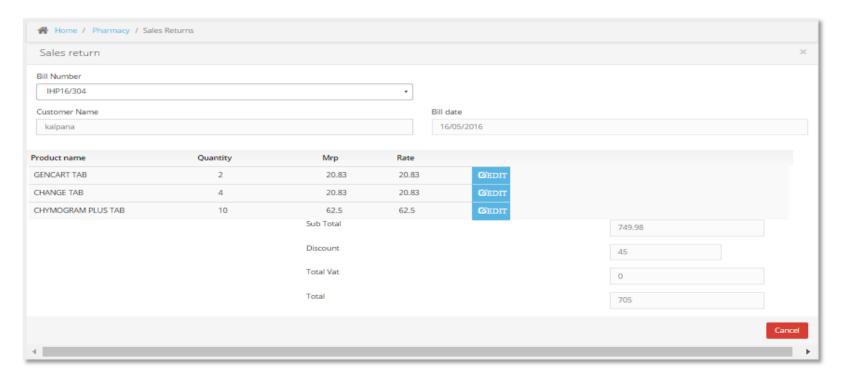


Preview of Inventory Billing Print:



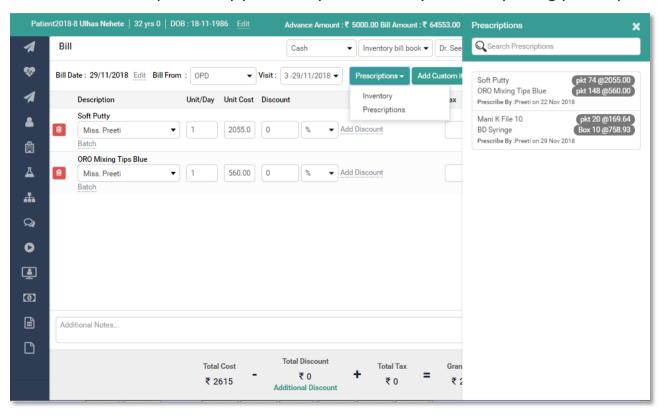
9.10.Sales Return:

Here we can return the pharmacy product & get new bill for new returned product, can view the details for the returned product



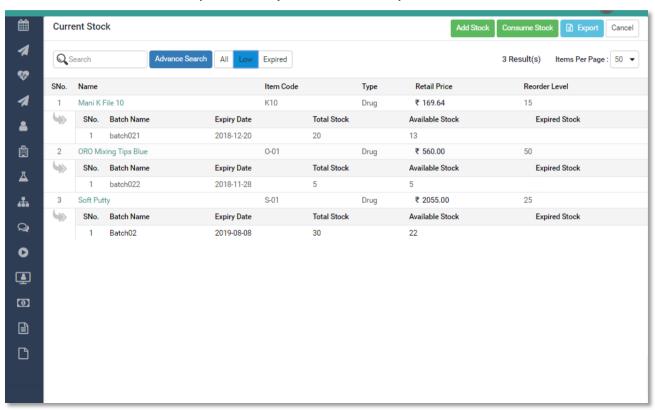
9.11.Doctor Prescription Billing:

Here we can create bill of pharmacy products prescribed by doctor by using prescription ID.



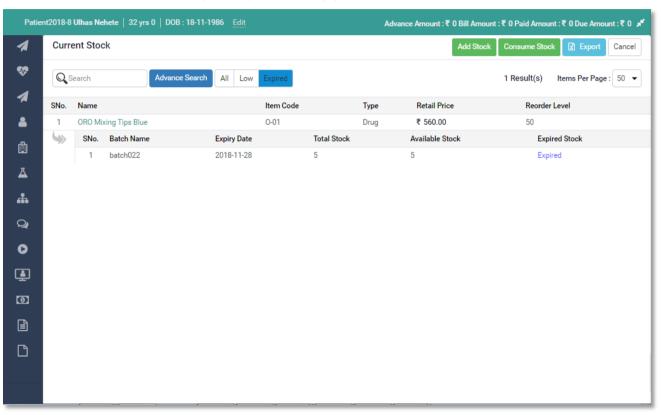
9.12.Below stocks.

In this screen we can view the pharmacy below stock product list.



9.13. Expired Product:

In this screen we can view the expired pharmacy product list.

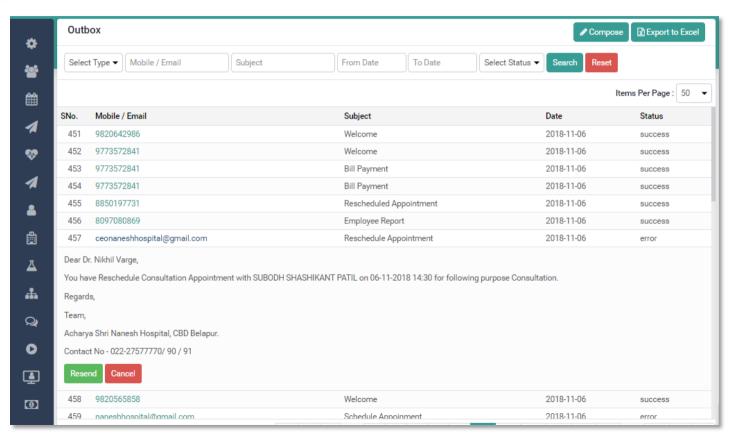


Communication:

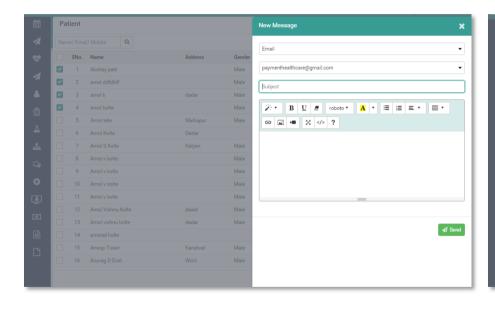
- 1.Outbox setting: Here you can see status of scheduled email & SMS. Also compose new Email & SMS.
- 2. Patient and Employee: Here you can multi select and compose new Email & SMS.
- 3.All Contact and Companies: Here you can multi select and compose new Email & SMS. Also filter by contact group for All Contacts.

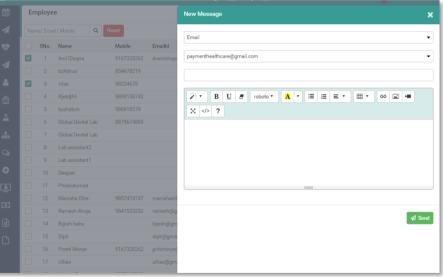
Here we can get Status wise, Subject wise, date wise, daily and monthly reports by selecting start and end date.

Outbox:

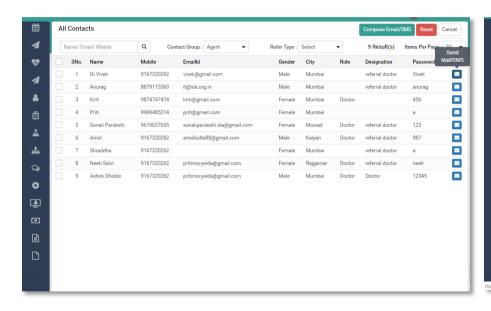


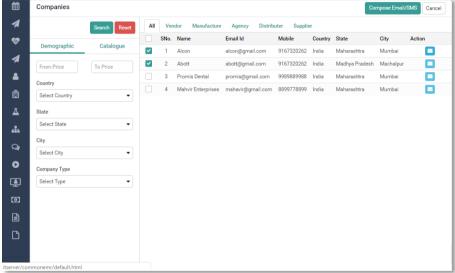
Patient and Employee:

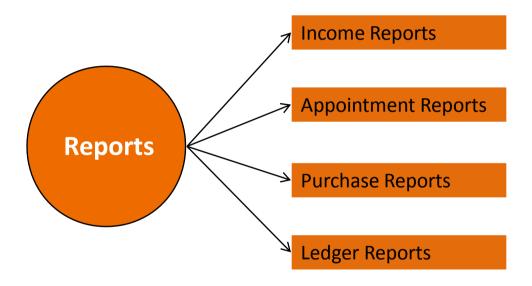




All Contact and Companies:







11.1.Income Report:

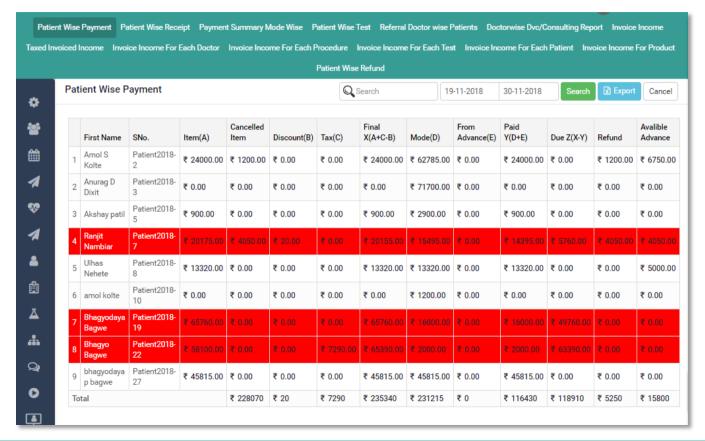
It Includes following Reports:

- 1. Patient Billing and Receipt report
- 2.Payment Mode wise report
- 3. Patient wise Test
- 4.Referral Doctor wise Patient
- 5.DVC/Consulting Doctor report
- 6.Invoice Income
- 7.Taxed invoice income
- 8.Income for each Doctor
- 9. Procedure Wise Income
- 10.Test Wise Income
- 11.Patient Wise Refund

Here we can get date wise, daily, weekly and monthly reports by selecting start and end date.

All the report can be downloaded to excel sheet.

Preview of Income Reports:



Preview of Income Reports: Graph View



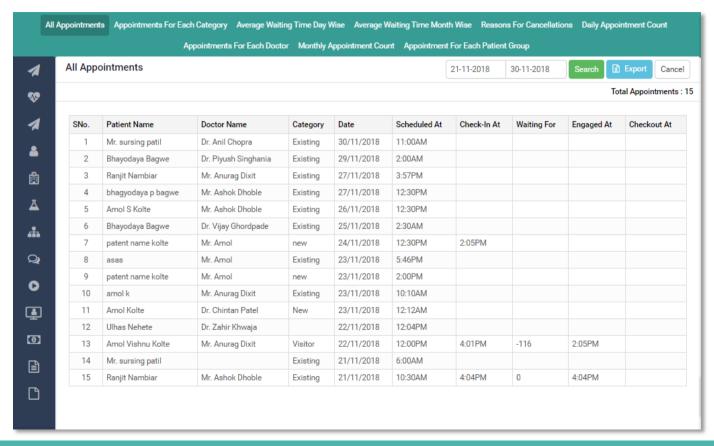
11.2.Appointment Report:

It Includes following Reports:

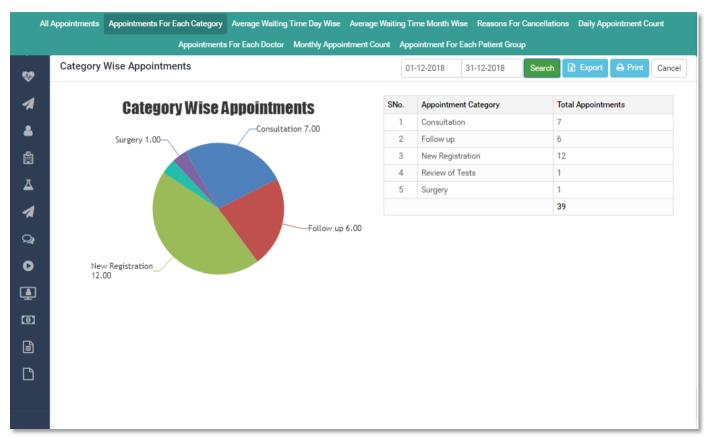
- 1. All Appointments
- 2. Category Wise Appointments
- 3. Day Wise Waiting Time
- 4. Month Wise Waiting Time
- 5. Reasons For Cancellations
- 6. Daily Appointment Count
- 7. Doctor Wise Appointments
- 8. Monthly Appointment Count
- 9. Group Wise Appointment

Here we can get date wise, daily, weekly and monthly reports by selecting start and end date. All the report can be downloaded to excel sheet.

Preview of Appointment Reports:



Preview of Appointment Reports : Graph View



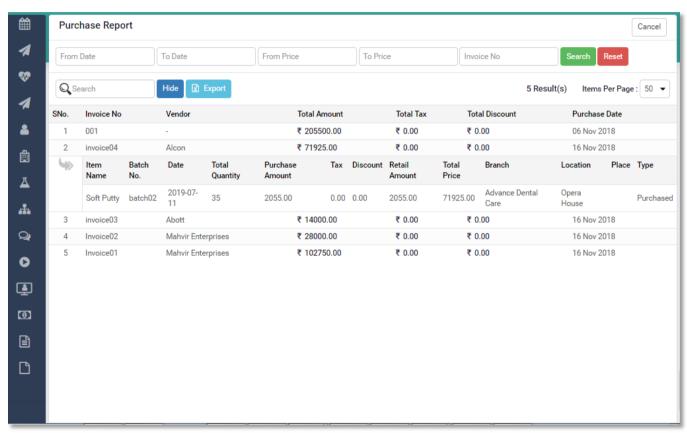
11.3. Purchase Report:

- 1.pharmacy Billing History
- 2.Pharmacy Sales return History

Here we can get date wise reports, daily, weekly and monthly reports by selecting start and end date.

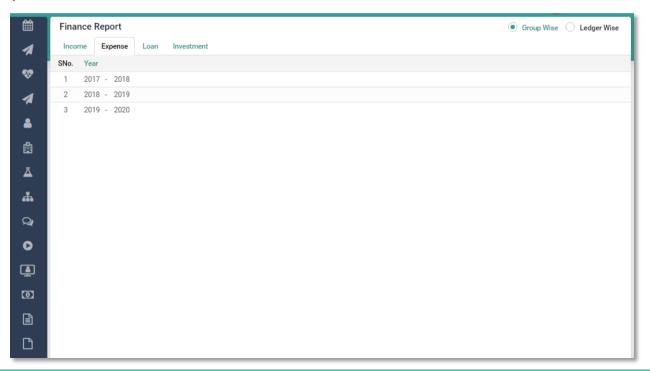
All the report can be downloaded to excel sheet.

Preview of Purchase Reports:

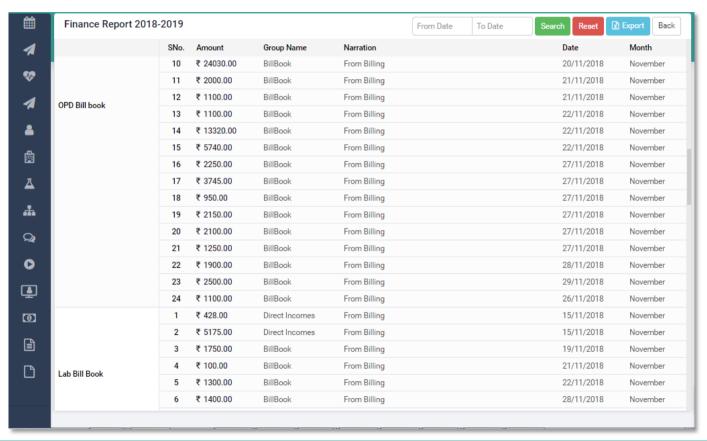


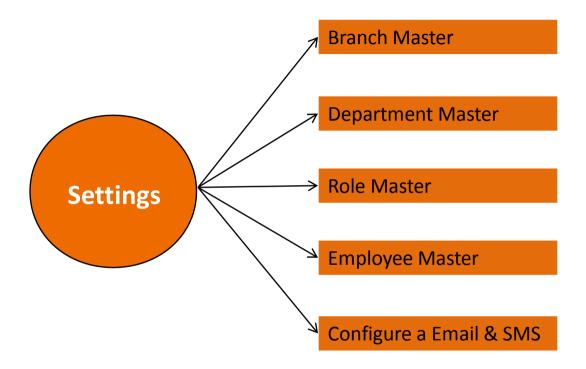
11.4.Ledger Reports:

- *It Includes ledger and ledger group wise Income and Expense report.
- *Here we can get date wise reports, daily, weekly and monthly reports by selecting start & end date. All the report can be downloaded to excel sheet.



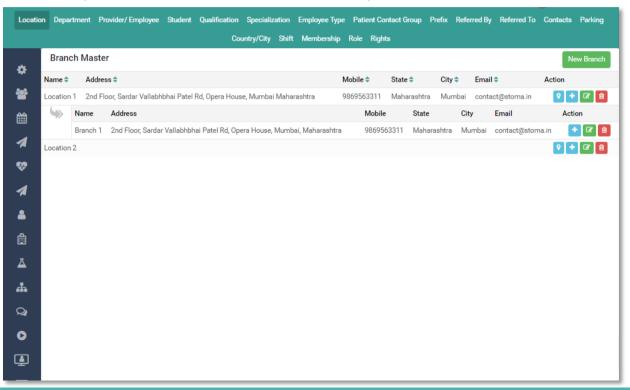
Preview of Ledger Reports:





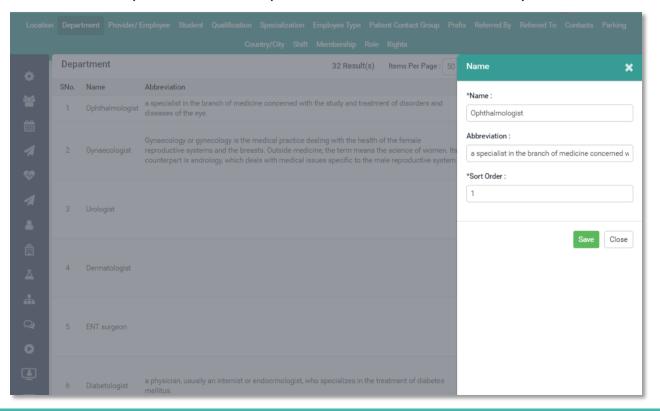
12.1.Branch Master:

Here we an give the details of the branch of the registered Company or Hospital. We can able to update and view the details of hospital branch.



12.2.Department Master:

Here we can create departments at hospital and it can be utilized in any module.



12.3.Role Master:

Here we can create roles and responsibility for the employees. It Includes 2 sub screens.

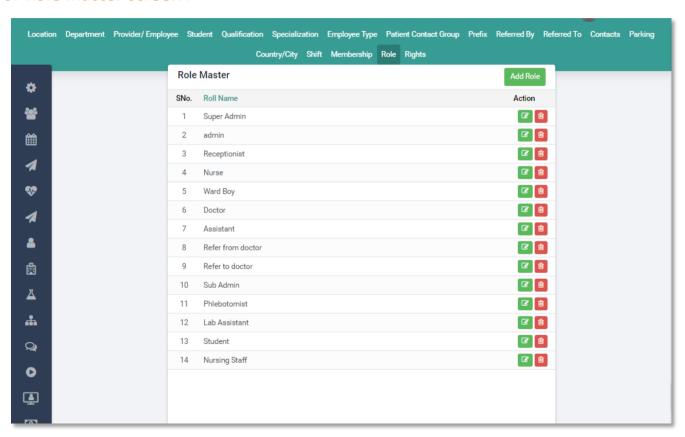
Assign Module:

Here we can assign the module where his or Her work been restricted by module wise.

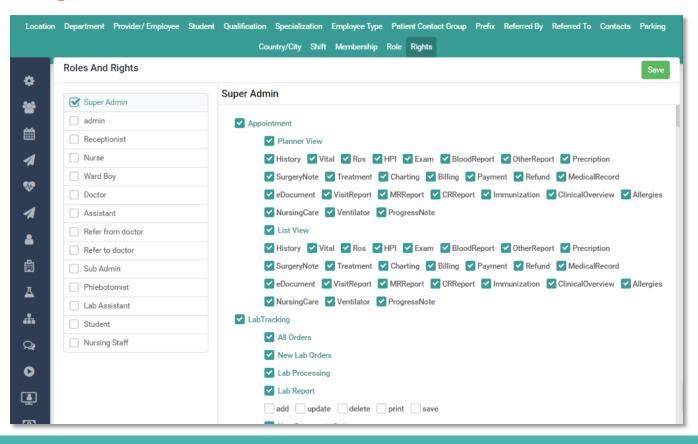
Assign Permission:

Here we can assign permission for the tasks to handle.

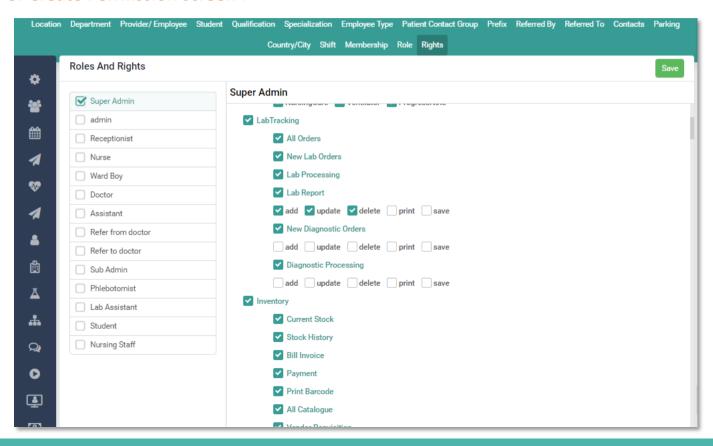
Preview of Role master screen:



Preview of Assign module screen:

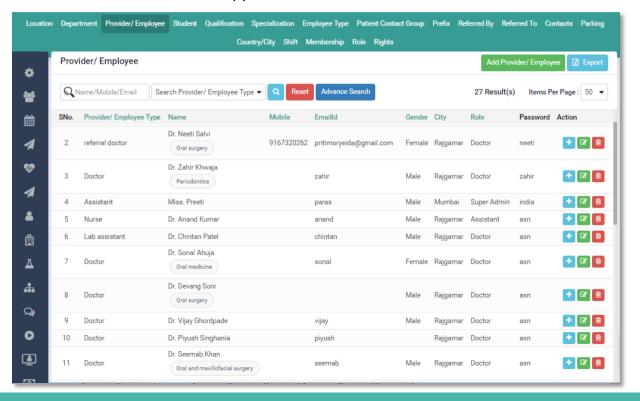


Preview of Create Permission screen:



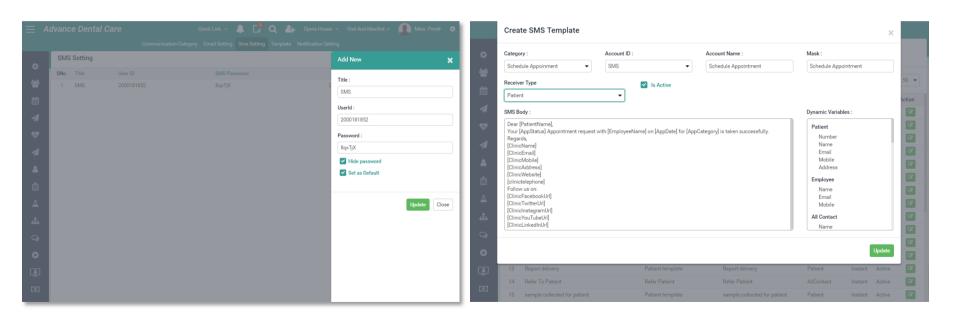
12.4.Employee Master:

Here we can create an employee along with His or Her image with all the details and Allocate the Login credentials for the further use of the application.



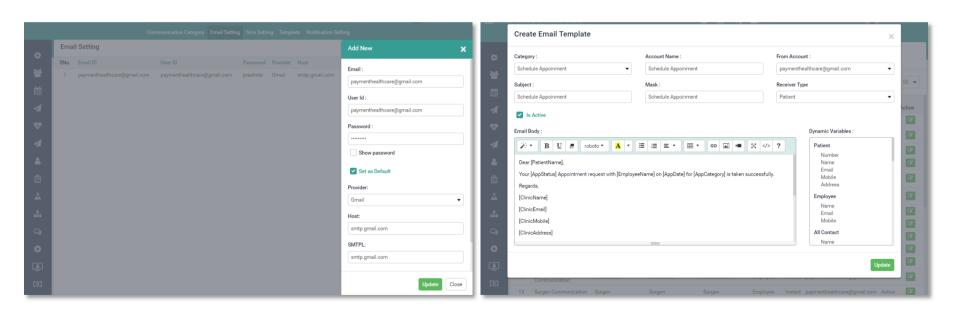
12.5.Configure a SMS:

Here we can able to create template and assign template to particular reports or bill. Here we can configure and assign a SMS or message for required screen.



12.5. Configure a Email:

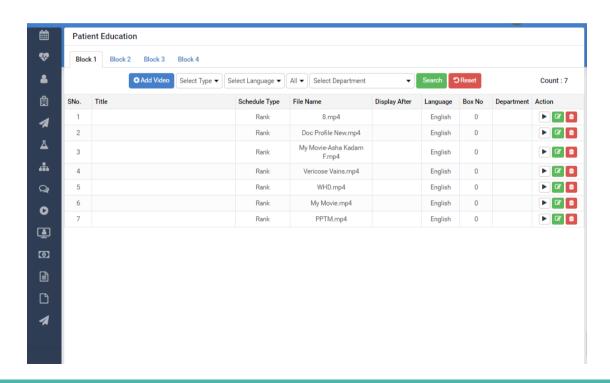
Here we can configure and assign a Email for required screen.



13.IP TV

There four blocks in which you can schedule following details:

- 1.Block 1: Is for schedule Video.
- 2.Block 2: Is for Images/GIF.
- 3.Block 3: Is for logo.
- 4.Block 4: Is for Ticker Text.



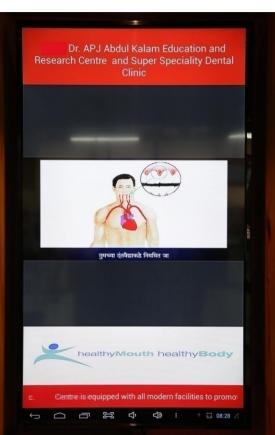
13.IP TV

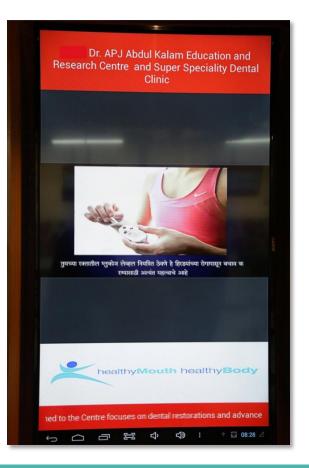




13.IP TV







14.Patient Counseling

There four blocks in which you can create playlist for counseling:

- 1.Block 1: Is for schedule Video.
- 2.Block 2: Is for Images/GIF.
- 3.Block 3: Is for PDF.
- 4. Block 4: Is for PowerPoint presentation.

14.Patient Counseling



Conclusion

The project Hospital Management System (HMS) is for computerizing the working in a hospital. The software takes care of all the requirements of an average hospital and is capable to provide easy and effective storage of information related to patients that come up to the hospital.

It generates test reports; provide prescription details including various tests, diet advice, and medicines prescribed to patient and doctor. It also provides injection details and billing facility on the basis of patient's status whether it is an indoor or outdoor patient.

The system also provides the facility of backup as per the requirement.

