



HIMS Web Based Software

Designed By Kissan Technology Pvt Ltd Pune

Annexure I

Detailed Description of HIMS Web Based modules

HIMS (Hospital Information Management System)

1. Website Design

- Show information about Hospital.
- Display Doctor Information
- Services
- Online Appointment
- Contact Us
- Notice board
- Photo Gallery.
- Job Information.

2. The Doctor's Appointment/visiting schedule-

- This keeps track of individual visiting hours/weekdays of a doctor.
- Facility to assign time slot and days to a particular doctor's schedule in advance
- Print daily appointment list of patient
- Facility to cancel appointment, communicate the same to patient via SMS or email etc.

3. Patient Appointment-

- Once doctor's schedule is entered from above module.
- A patient can fix up the appointment based on doctor's availability.
- Since this software will be hosted on internet, patients across the country can directly take an appointment of a desired doctor based on doctor's availability. Patient has to just fill basic information while taking appointment through internet. The same information is automatically filled up at the reception counter when patient comes to the hospital.
- Only additional/minimum information needs to be filled in the next module where patient is actually registering himself in OPD/IPD. i.e. Direct Registration of OPD entry of a patient from appointment list.
- Similarly a patient can take an appointment by calling the reception or directly visiting the hospital.



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- Status updation of appointments.

4. Patient Registration-

- **Permanent Patient Registration** - When any patient visits for the first time, we enter the demographic information of patient and generate Permanent Patient registration Number. That number is unique for every patient. This number governs complete software. With the help of MRN (Medical Record no.), we can able to retrieve complete OPD / IPD, history, billing (clinical as well as billing). Information of a patient at any time.
- **OPD Patient Registration** - Every time patient visits to OPD, Patient has unique MRN, now he/she enters into OPD, there they get OPD no. that is OPD Registration of a patient. Then selection consultant doctors, Referral doctor Dr Write complain of a patient in OPD.
- **IPD Patient Registration** – Dr suggests patient to admit in a hospital, he/she gets admitted and IPD registration is made, ward/room is selected while doing IPD registration.

5. Billing Modules :

- OPD
- IPD
- Lab etc
- Pharmacy

6. WARD / ROOM Management-

- Define Room type – General, Semi private, Private, deluxe etc
- Assign room numbers to particular type; describe the floor on which it is situated.
- Occupancy status of wards/ Rooms
- Daily Bed Availability
- Shifting of patient from one Ward/Room to Another Ward/Room.
- Shifting of patient from one Department to Another Department.
- Discharge / Death of a patient will automatically vacate bed occupancy.

7. Casualty Module

- Medical Emergency / Accidents will be handled by this module
- Patient can be admitted in casualty ward or can be admitted to other ward.
- After 4 hrs of admission, patient can be shifted to other ward.



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8. Consultant Doctor Module

- Consultant doctor can see the list of Registered OPD Patient, which is registered for him/her.
- Can able to write complete past history, family history, personal history, professional history, and present history and chief complains of patient.
- Write examination of patient.
- Assign Provisional Diagnosis.
- Order investigations (Electronically) , Direct order goes to respective Lab
 - Pathology
 - Biochemistry
 - Clinical Pathology
 - Serology
 - Microbiology
 - Histopathology
 - Cytology
 - Molecular Biology
 - Cytogenetic
 - Immunology
 - Radiology
 - X-Ray
 - Ultrasound
 - CT Scan
 - MRI
 - Color Doppler
 - Stress Test
- Prescribe Treatment to patient
- View Investigation result of a patient (Electronically), Report can be viewed on doctors computer.
- Assign Final Diagnosis
- Doctor can review all previous history, examination findings, investigation report, and treatment given of a patient from his/her computer.

9. IPD Patient module

- Admission Front sheet



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- IPD Patient History sheet
- IPD Patient Examination sheet
- Daily Progress Chart
- Nursing Assessment chart
- Assign Diagnosis as per ICD 10 list
- Treatment advised by consultant doctors
 - Able to view treatment prescription doctor wise
 - Daily drug prescription
 - Daily non drug prescription
- Complete charting of treatment given by nurse
- IV Fluid chart – it maintain start time, end time, type of fluid given, name of Nurse who has given to the patient
- Input / Output chart
- Order investigations (Electronically) , Direct order goes to respective Lab
 - Pathology
 - Biochemistry
 - Clinical Pathology
 - Serology
 - Microbiology
 - Histopathology
 - Cytology
 - Molecular Biology
 - Cytogenetic
 - Immunology
 - Radiology
 - X-Ray
 - Ultrasound
 - CT Scan
 - MRI
 - Color Doppler
 - Stress Test
 - EEG
 - ECG
 - Any new test group can be incorporated immed.

- View Investigation result of a patient (Electronically), Report can be viewed on doctors computer.

- Discharge Summary, Automatically filled and ready when opened.
 - Clinical history



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- Examination Finding
- Patient Condition at Discharge
- Reason for Discharge
- Procedure Detail if Any
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10. OT Module

- It maintains complete record of operation
 - Patients information
 - Operation name
 - Surgeon name
 - Assist. Surgeon name
 - Anesthetists name
 - Nurse name
 - OT boy name
 - Blood given or not
 - How much Fluid Given
 - Swab Counting
 - Any Complication
 - Sample for HPE

11. Certificates Issue Module

- Birth Certificate
- Death Certificate
- Fitness Certificate
- Referral Letter
- Thanks Letter
- Sickness Certificate

12. inventory management system

- It maintains
 - Patient wise drug issue report
 - Date range wise drug issue report
 - Drug wise drug issue report
 - Stock position of drugs
 - Complete tracking of particular drug
 - Current stock
 - Expiry date warning of drugs



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13. Pay roll Module

- Maintains complete employee Records
- Employee Pay Scale
- Employee Increment
- Employee leaves
- Allowances and deduction for salary calculation
- Salary calculation
- Pay slip Generation

14. User and Security Management

- Add/modify user's information.
- Assign authorities to users
- Administrator can assign menu authority to users. For ex. Receptionist can see only menus related to reception
- User login status report

15. Address directory

- Complete record of hospital employee, their address, telephone number, email address, Mobile Nos. B'day, Wedding Anniversary etc.
- If a Doctor, what is their speciality.
- Maintains the Record Department wise, category wise
- Searching of person by name, tel no, category, city etc.
- Direct sending Email/SMS to a person.

16. Backup/Restore Module

- Administrator can operate this module.
- Password protection to this module
- Only authorized person can perform backup & restore on database.

17. Finance Accounts.

- MIS Reports
- OPD Patient list
- IPD Patient List
- OPD Summary Report
- Plenty of MIS Reports