



HIS Modules

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Registration

This module handles registration of patient's basic personal data. This also includes the facilities like searching and updating user records.

Appointments

This module displays appointments according to date, department or clinician involved. This provides a user to get and set the appointment schedule of a person or a patient according to the department's name.

Admission

This module provides patient admission system with search and archive functions. Bar-coded labels and wristbands can also be created with this option. This module also provides tools to get the information of an admitted patient.

Reports

This manage all the reports and notes of the patients like admission history, allergy, development, daily ward's notes, diet plan and discharge summary, etc.

Outpatient

This module provides features such as the waiting list, pending request processor and admission list. This module provides a user to get information like today's admitted patients in clinic, patient's appointments with specific departments, pending requests and clinic specific news.

Doctors

This module provides a duty planer for physicians and surgeons among others. This provides facilities like Quick view of today's DOC (doctor-on-call) schedule, Doctor On Call Scheduler, plan, view, update, edit, Create or update doctors' list, enter data, etc. and also includes a news section.

Nursing

This module includes nursing wards administration, patient data monitoring, nurse planner, appointment scheduler, patient search, documentation, patient data folders, etc. This module enables the user to create a nursing ward, view of today's occupancy of the nursing wards, and search the wards for an admitted patient, Re-search in the wards' archived files, ward management and nurses' list.

OP Room

This module provides facilities for documenting surgical operations (surgery, anesthesia, nursing, material, medicines, etc.). This also provides a operating room duty planner, search and archive functions, international ICD and OPS documentation systems, surgical operation planner, etc.

Laboratories

This module facilitates entering and displaying laboratory examination results for patients.

Blood Bank

This module has two sub menus blood request and pending request. Blood request provide facility to fill up and send request form for blood product and pending request look for the requests that are pending that is receive and process request, write results, findings and diagnosis.

Radiology

This module provides tools for search and display of x-ray films with integrated editor and reader of diagnostics results and facilitates the user to traverse through different reports and images like Test Request, Pending Request and DICOM Images. This module also includes the facilities to upload DICOM images, Select Viewer and provides a News section.

Pharmacy

This module provides tools for ordering of pharmaceutical products, organizing quick order catalogs, Pharmacy database management, Automatic signaling of reception of orders, Product search and archive functions.

Medical Depot (Inventory)

This module includes central depot for medical products and other materials. This module provides tools for organizing quick order catalogs, product database management, automatic signaling of reception of orders, product search and archive functions, product search and archive functions.

Telephone Directory

This provides the telephone directory of the hospital with functions for search and entering new phone information of the employees.

Technical Support

This module provides facilities for technical support and maintenance. This module is used for reporting damage and requesting repairs. Some of its features include Info query system, documentation of technical jobs and information systems.

System Admin (EDP)

This module provides facilities for administering the whole NextGen HIS. It is accessible only with System Admin rights. This module includes the sub module like Access rights management, database server administration, configuration functions, etc.

Ward Management (Nursing)

This module track all the information about all the nursing wards of the hospital, bed occupancy in each ward, you can view, create and edit nurses list in the ward.

Intranet Email

This module provides facilities to send e-mails within the various departments inside the hospital.

Special Tools

This module provides a lot of special tools and functions. Some of this are document editor modules, clock module, duty planner, news editor and submission system, color options configuration, access password manager, photo lab, integrated intranet cam surveillance system, among many others. This module also facilitates the user to do some special works like Billing, Personal Management, Insurance Company, Management and Address Management.

Plug-ins

Plug-in are small but very useful tools. Some important plug-ins of our HIS is:

1. Vital Statistics Calculator

This calculates your ideal weight, blood pressure, calories required per day, basal metabolic rate, pulse rate, body surface area and fat percentage, height and body mass index on the basis of your current blood pressure, pulse rate, height, weight and your waist size.

2. Immunization Scheduler

This is an automatic immunization scheduler which is based on standard sets of immunization regulations. It calculates the recommended immunization schedule for your child on the basis of his date of birth and sex.

Patient billing (eCombill)

This module provides customized patient billing. It selects services of the hospital that are used by the patient and generate bill according to them. Generate final bill of the patient and generate bill reports

Personnel Manager

This module manages all the information about personnel of the Hospital. You can add new employee or edit/delete existing employees of the hospital.

Referral Manager

This module manages all the referral data. You can enter, edit, view, and update referral data with the help of this module.

Photo Lab

This module helps in managing all the documents and images of the patients like medical history – prescriptions, X-rays, Photos of the patients, etc.

Video Security

This is intranet web cam security surveillance system; with the help of this students can see and learn live operations with out disturbing the doctors. This can also be used to take good care of the patients.

Login

This module allows automatic loading of the user's personal preferences or the computer's particular configuration. Logging in gives the computer an identity which facilitates many automation features, otherwise the server will assume default values. This option is for one time login i.e. in every page the system will not check the credentials of that user.