

HOSPITAL MANAGEMENT APPLICATION SYSTEM

BY

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Features:

REGISTRATIONS

- ☺ **Organization**
The form is used to fill in the Address details of the Company owning the HMS software.
- ☺ **Company**
It is used to fill in the Address details of the companies whose employees are given a special discount for a particular range of amount.
- ☺ **Specialization**
The form is used to fill in all the different types of Specializations of all the doctors in the hospital. It has adding and modifying options.
- ☺ **Doctor**
It is used to fill in all the Personal details, Salary details and Availability schedule for the appointment with the doctor. Doctor's specialization and types of operations conducted are important.
- ☺ **Location**
Location details form for creating locations.
1st location defined is for Inventory
2nd location defined is for Pharmacy
- ☺ **Operation**
Form is used to fill in all types of Operations performed in the hospital.
- ☺ **Operation Theatre**
Set up names of all the Operation theatres present in the hospital.
- ☺ **Room**
It is used to define the Room No. and the Room Types. Bed no. is entered based on Room Type.

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- ☺ **Misc. Charges**
It is used to define various types of Charges with different UOM (Unit of Measurement). These charges can be used for General Billing.
- ☺ **UOM**
Unit of measurement
- ☺ **Group**
Group and Sub-group details are entered for Doctor's form.
- ☺ **Items**
It is used to define various Items for the Pharmacy. Item is categorized based on Group and Sub-group. Batch No. and Current stock entries are used for the transfer from Inventory to other locations. All the items are saved in the inventory whose location is the 1st one defined in the location form.
- ☺ **Supplier**
It is used to define Supplier's contact details and list of Items purchased from the supplier.
- ☺ **Birth Certificate**
Print Birth certificates.
- ☺ **Medical Certificate**
Patient name comes from the patient's form. Doctor list contains Resident doctors only.
- ☺ **HR**
HR registrations details form with add, edit, delete and save options. HR Type can be defined in the same form for other staffs of hospital.
- ☺ **ICD**
ICD registration form with add, edit, delete and save options.
- ☺ **Change Password**
This is used by the User himself/herself for changing his/her Password for Security Reasons.
- ☺ **Exit**
It used to terminate the application.

FRONT OFFICE

- ☺ **Patients**
It records the personal and medical history details of the patients. They are of 3 types: Out-patient, Emergency and In-patient.

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☺ **Appointment**

The form can be used to fix an appointment with any doctor depending on the availability of the doctor on that day and time.

☺ **Discharge Patients**

Discharge Patient form having options for recording patient, medicine and ICD information.

☺ **Barcode Cards**

It is used to print barcode labels from the Patient's Id No.

BILL

☺ **Lab**

It is used to print the Lab bills for any patient in the list. The charges are based on the Classification and Tests conducted.

☺ **Pharmacy**

It is used to print Pharmacy bills. The bill can be produced for registered patients and unregistered patients. Registered patient names are selected from the list and unregistered patient names are entered. The price is based on the Item and the Quantity.

☺ **General**

It is used to generate bills for any of the charges setup in the Misc. charges form. The total is based on the charge and the quantity.

☺ **Payment**

This is a short cut form to print any of the bills for Pharmacy, Lab or General. But the bills for all these departments must be first created in its appropriate forms.

BACKOFFICE

☺ **Prescription**

Prescription form is used for storing patient details, medical history details, Investigation and drugs details with modification option.

☺ **Daily Treatment Doctor**

It is used for recording Patient, doctor, tests and medicine information.

☺ **Daily Treatment Nurses**

This form is sub-divided into: Patients, Medicine, I/O Chart and TPR Chart.

☺ **Room Shift**

Patients room shift information.

- ☺ **Chargeable Transaction**
General charging details
- ☺ **Operation Schedule**
Operation detail, doctors details, theatre details and timings for operations.
- ☺ **Post Operation Details**
Personal information and post operation details

LABORATORY

- ☺ **Test**
Tests details
- ☺ **Profile Test**
Profile tests details.
- ☺ **Pathology Test**
Pathology tests details.
- ☺ **Lab Results**
Recording patient details, tests result and pathology results.
- ☺ **X-Ray Results**
X-ray results details.
- ☺ **Microbiology Results**
Personal information, investigation details and antibiotics details in microbiology results

PHARMACY

- ☺ **Bill**
The form is used to generate bills for 2 kinds of patients: Registered and unregistered.

Registered patients are those which are entered in the Patient's form.
Unregistered patients are never defined in the patient's form.
- ☺ **Payment**
It is used to print out the pharmacy bill after the bill has been made.
- ☺ **Item Request**
It is a request form which is used to request for Items from the in-house store.

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- ☺ **Item Issue**
It is a form which is used to justify if the requested items are issued to the pharmacy department.
- ☺ **Item Return**
The form is used when the Items issued are returned back to the sender.
- ☺ **Expiry List**
Expiry form which shows all the items in the pharmacy which are expiring till the date selected with saving option.
- ☺ **Current Balance**
Current Balance form showing items' details with its current balance and save and print options.

INVENTORY

- ☺ **Purchase Request**
The form is used to request for the purchase of items from the supplier.
- ☺ **Quotation**
Quotation details
- ☺ **Purchase Order**
Purchase order details.
- ☺ **Pending Purchase Order**
Pending purchase order details
- ☺ **Goods Receipt Note**
Goods receipt note details.
- ☺ **Stock Request**
It is a request form used to request for Items from any department to any department.
- ☺ **Stock Issue**
It is a form which is used to justify if the requested items are issued to the requesting department.
- ☺ **Stock Return**
The form is used when the Items issued are returned back to the sender.
- ☺ **Expiry List**
It lists all the items in the stores/warehouse whose expiry date is specified.

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- ☺ **Current Balance**
Current Balance form showing items details with its current balance.
- ☺ **Item MIN\MAX Level**
Item min\max level form showing items details with its min and max stock levels.

REPORTS

- ☺ **Patients**
In- Patients' transactions, daily treatments and MRD reports
- ☺ **Doctors**
Doctors' appointments, prescriptions and commission reports.
- ☺ **Bills/Payments**
Bills, payments, daybook and registration fees reports.
- ☺ **Lab Reports**
Lab, pathology and microbiology reports.
- ☺ **Inventory**
Purchase reports (Purchase request, Supplier payments, Quotation, Purchase order and Received note),
In-House transaction reports (Stock request, Stock issue and Stock return)
- ☺ **Pharmacy**
Sales, fast moving and slow moving items reports.

UTILITIES

- ☺ **About**
About form showing contact details of the dental system developer.
- ☺ **Administrative Tools**
Administration form with options for creating users and user rights
- ☺ **Help**
The file is used by the software users for assistance.

IMPLEMENTED SITES :

1. Jaffery Charitable Trust Hospital – Moshi, Tanzania
2. Jaffery Medical Centre – Mombassa, Kenya

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