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**To,**

Mr. Umesh,

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**Subject:** Proposal for Modern and Complete Hospital Automation Software.

**Ref:** Mr Dharmendra

**Modern and Complete Hospital Automation Software** that suites to almost every hospital or medical institution from patient OPD visits to Operation to Pathology Test etc. It includes 25+ modules with eight inbuilt users (Super Admin, Admin, Doctor, Accountant, Pathologist, Radiologist, Receptionist and Patient) panel.

**Admin Panel consist 28 modules listed below -**1. **Billing** - To manage patients billing details.

In Smart Hospital, there is a feature of centralized billing so hospital staff not need to go to each module to generate patient bill individually for individual modules.  
  
       In centralized Billing module, there are two ways to generate patient bill -

* One is for single module (like Appointment, OPD, Pathology, Radiology etc.) which purpose where patient comes for a particular treatment like patient had come for only blood test so in this case staff need to only generate their blood test bill which it can generate from Pathology tab.
* Second, one is for a billing of multiple treatments of patients under OPD / IPD, which can be, generate through a Case ID of patient.

2. **Appointment** - To manage all patients online/offline booking details.

Online Appointment feature provides the facility to patient to book their appointment online. Here patient can book their OPD appointment for any date according to available slots by making payment online. We have also given the feature that patient can reschedule their appointment time if required.  
  
In Smart Hospital, you can create Appointment for OPD only, so after that Doctor can move patient in IPD for further treatment if required.

3.**OPD** - Out Patient - for all OPD patient registration, visits, revisits, old OPD patients

OPD or the outpatient department is a wing of the hospital where the patient can seek consultation with a general physician or a specialist to discuss the health issues.  
  
In a hospital, it is the general OPD ward where patients are provided medical assistance and treatment. Under an OPD category, you are not required to stay or get admitted to the hospital. Modern OPDs provide a wide range of services such as illness diagnosis, medical tests and minor surgical injuries.

4.**IPD** - In Patient - for all IPD patients admission, consultant register, diagnosis, timeline, IPD charges, payments, bill and discharged ipd patients

IPD (In Patient Department) module is for managing those patients who admit in hospital for their issues / disease treatment.  
  
5. **Pharmacy** - for all medicine list, stock, and pharmacy bills

Pharmacy module is for managing medicines stock, selling and generating medicine bill.  
  
This module have five Section -

* Add new medicine
* Import medicine
* Add medicine stock
* Add medicine bad stock
* Generate Pharmacy Bill

6. **Pathology** - for all pathology test details and patient test records

Pathology module is for managing patient pathology test and reports. In Smart Hospital, we have provided the feature so staff can arrange collected patient's sample, payments for pathology tests and provide pathology test reports through Smart Hospital application to patients**.  
  
This module have two Section -**

* Add Pathology Test
* Add Patient in pathology and View/Print their Report

7. **Radiology** - for all radiology test details and patient test records

Radiology module is for managing patient radiology test and reports. In Smart Hospital, we have provided the feature so staff can arrange collected patient's sample, payments for radiology tests and provide radiology test reports through Smart Hospital application to patients. **This module have two Section -**

* Add Radiology Test
* Add Patient in radiology and View/Print their Report

8. **Operation** Theatre - for managing patient operation activities and operation records

9. **Blood Bank** - for managing blood group available blood stock, donor details and blood issue details.

Blood Bank module is for managing blood bank status, **component status**, **donor details** and **blood and component** issue details.This module consisting following sections -

* Add Donor details
* Issue Blood
* Add component
* Issue component in blood bank

10. **Ambulance** - for managing ambulance vehicles and ambulance call details

Ambulance module is for managing ambulance vehicles and ambulance calls for patient travelling.This module consisting following sections -

* Add ambulance vehicle
* Add ambulance call

11. **Front Office** - for all OPD appointment and reception/front office related activities like enquiries, calls, and visitors, postal receive/dispatch

This module has four sections -

* **Add Visitor**          -  This section  used for managing visitor’s records coming in hospital
* **Phone Call Log**   -  This section used for managing incoming or outgoing call details
* **Postal**                  - This section used for managing postal inward documents for managing postal receive/dispatch.
* **Complain**            - This section used for for managing any complain raise by any person.

12. **Birth And Death Record** - for managing all details of newly born baby’s birth and patients death.

This module has two sections -

* **Birth Record**        - This section manage all baby’s birth record happened in hospital. .
* **Death Record**       - This section manage all expired patient record happened in hospital.

13. **Human Resource** - for all the information related to staff members can be manage here like staff search, profile, attendance, payroll, leaves.

The main function of the Human resource module is to make necessary staff arrangements, maintain staff attendance for the hospital.  
  
This module has four sections -

* Staff Directory
* Staff Attendance
* Payroll
* Leaves

14. **Referral** - for managing all referred patient’s records.

This module has two sections -

* Add Referral Person
* Add Referral Payment

Most often, patients get referral **to see a specialist from their primary care physician** or from a doctor at a hospital. Doctors refer patients based on what they feel is necessary for them, and this is how many specialists get the bulk of their patient base.

15. **TPA Management** - Third Party Administrator for managing changes and records of insurance or mediclaim companies.

TPA module is for managing third party administrator or Mediclaim insurance provider companies. A third-party administrator is a company that provides operational services such as claims processing and employee benefits management under contract to another company. Insurance companies and self-insured companies often outsource their claims processing to third parties. With the help of TPA patient can get lots of discount in hospital charges.

16. **Finance** - for managing general income and expense

This module has two sections -

* Income
* Expense

17. **Messaging** - it works like a notice board basically a messaging system for communication to patient and staff

This module is for sending different messages to different users.

This module has two sections -

* Add Notification
* Send Email
* Send SMS

18. **Inventory** - manage all the assets of your hospital with stocks and store under inventory module

Inventory module is for managing different assets or items present in hospital. First we will add items then add item stocks then we will manage issue and return of items to different staff members.

This module has two sections -

* Add Item
* Add Item Stock
* Issue Item

19. **Download** **Centre** - for managing downloadable documents that need to distribute staff

Download Centre is for managing different documents, which should be available for download to other staff members.

20. **Certificate** - design and generate Patients's and Staff's ID Card here

In Smart Hospital Certificate is a document that is used to generate patient profile so you can take just printout of it and simply paste it into Patient file in which all patient’s records and their health related data is available.

This module has six sections -

* Add Certificate
* Add Patient ID Card
* Add Staff ID Card
* Generate Certificate
* Generate Patient ID Card
* Generate Staff ID Card

21. **Front CMS** - manage front website of Smart Hospital here by creating pages, menus, events, gallery, and news.

This module used for managing hospital front website. First, we will upload different images or files used in front website in Media Manager then we will create front website menu in Menus then we will add different Pages, Events, Galleries, News and Banner images.

This module has seven sections -

* Add Media Manager
* Add Banner Images
* Add Events
* Add Gallery
* Add News
* Add Menus
* Add Pages

22. **Zoom Live Consultation** - for patient zoom live consultation and for staff live meetings.

23. **Reports** - all the various reports related to different modules can be found here

24. **Patient** - all patient related details can be found here

25. **Notifications** - all automated notifications can be found here

26. **Calendar & ToDo List** - track and manage all daily/monthly activities and create your task in to-do list

27. **Setup** - configure Smart Hospital here for different settings like hospital, sessions, admin password, SMS, PayPal, backup / restore languages

28. **One Click Updater** - to install new update in existing system