



# AN INTEGRATED HOSPITAL MANAGEMENT SOFTWARE



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[https://daffodilsoft.com  
/article/smart-hospital](https://daffodilsoft.com/article/smart-hospital)



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## **Who We are?**

Daffodil Software Ltd. (DSL) is the brainchild of Daffodil Group aims to fulfill the rising demand for application software for existing and potential markets and to accomplish the Corporate Sector needs.

Clients from home and abroad are gaining business value from our services. DSL is an ISO 9001-2000 Certified company which is run by an expert management team who are certified by International Software Testing Qualifications Board (ISTQB). DSL possess considerable training and expertise in relevant field and has powerful strategic alliances with secured market positioning.

Among our software services, "Smart Hospital" is an integrated hospital and treatment management system for a whole new digital transformation of your hospital/clinic/diagnostic center.



## **About Smart Hospital**

Smart Hospital is an efficient, autonomous, and completely functional integrated software solution which has been developed to embrace the holistic digital transformation of entire Hospital or Clinic business operations. It is extremely powerful and yet easy-to-setup AI-based software which helps to manage the operations of Hospital and Diagnostic Center like the medical team, patient data, critical inventory, Accounting, Patient Registrations, e-Prescription, OPD, IPD, Pharmacy Management, Laboratory Information Systems (LIS), Blood Bank, OT and many more. It will also help to generate reports to the management using dynamic dashboard and MIS.



## Features and Modules



## Patient Management

Patient Management System Benefits for Physicians. It can help the physician to track patient information, diagnoses seeing past medical history and current health situation.

- ☐ Patient Registration
- ☐ Patient Basic Details
- ☐ Patient Registration card
- ☐ Medical Alerts of Diseases
- ☐ Barcode Print
- ☐ Vaccination



## Physician Management

Hospital Management System for managing physicians database and informaton.

- Basic information ☐
- Physicians Specialties ☐
- Physicians Degrees ☐
- Physicians Schedules ☐
- Referring Physician ☐
- Physician Dashboards ☐

## OPD Management

This Module will Add functionality to Allow patients to Book an Appointment online from the portal.

- ☐ Treatment Management
- ☐ Treatment Based Automated medical history
- ☐ Appointment Management
- ☐ Patient Waiting & Consultation Time Tracking
- ☐ Automation to find it's Consultation or Follow-up
- ☐ Online Appointment Booking



## IPD Management

This Module Adds Hospitalization related features for inpatient treatment, care, surgery and invoicing.



- Hospitalization Checklists ☐
- Operation Theater ☐
- Pre & Post-Operation Checklists ☐
- Diet Plans ☐
- Admission Discharge & Transfer ☐



## Treatment Management

This Module adds special flows related to different Treatment plans.

- ☐ Create and View Invoice
- ☐ Appointments
- ☐ Preview Documents
- ☐ Lab Requests
- ☐ Test Results
- ☐ Prescribed Medicines



## Nursing Management

Manage patient's health evaluation and each patient/ward round by nurse in Hospital Management System



- Add New Nurse ☐
- Ward Rounds ☐
- Hospitalization ☐
- Evaluation ☐
- Round Summary ☐

# Prescription Management

Hospital Management System for managing prescription.

- ☐ Prescription Order
- ☐ Prescription Lines
- ☐ External Medicines
- ☐ Lab Tests
- ☐ Next Follow-up
- ☐ Instructions



# Laboratory Management

This Module Adds Hospital Lab Request, Lab Tests, Lab Reports and their Invoicing Related Flow.



- Lab Test Criteria ☐
- Lab Requests & tests ☐
- Lab Test Invoicing ☐
- Lab Test Result Report ☐
- Lab Test Result Imaging ☐

## Ambulance Management

Manage Ambulance booking, Trips and invoicing and related flows in hospital.

- ☐ Manage Ambulance Details
- ☐ Manage Ambulance Trips & mp;  
Related Invoicing (Configurable).
- ☐ Manage Fleet Details
- ☐ This module is Generic so it can be extended  
further in custom modules also



## Blood Bank Management

Manage Blood donation, Issuance and Stock details in hospital.



- Blood Bag Management ☐
- Blood Requisition (Donation) ☐
- Blood Issuance ☐
- Blood Storage ☐
- Patient Blood Donation ☐



## Pharmacy Management

This Module Adds Medicine related features for sale, purchase, inventory etc.

- ☐ Prescription Based Direct Sale
- ☐ Medicine Barcode Generation
- ☐ Medicine Expiry
- ☐ Medicine Lot Locking
- ☐ Stock Move on Invoicing



## Medicines Management

This Module Adds Medicine related features for sale, purchase, inventory etc.

- Drug Form ☐
- Active Component ☐
- Drug Company ☐
- Medication Dosage ☐
- Medicament Flavor ☐
- Medicament Route ☐

## CRM

Smart ERP CRM is the Customer Relationship Management module within the Smart Business ERP platform. It allows you to see all your leads/opportunities in one location, manage them from one stage to another, and analyze your results.

- ☐ Modern User Interface
- ☐ Manage Leads
- ☐ Activities and calls management
- ☐ Leads Analysis
- ☐ Opportunities Analysis



## Human Resources

The HR module allows the users to create the profile description of each employee working in the company. This tool is an essential informative database which would serve as the information storage aspects of the employee in a company.

- Create employee profiles ☐
- Manage leaves & Dashboards ☐
- Manage contracts ☐
- Manage timesheets ☐
- Handle attendance ☐





# Vaccination Management

Hospital Vaccination Management to manage patient Vaccination flow and history.

- ☐ Vaccination Group to manage Vaccinations
- ☐ Separate Vaccination menu and products
- ☐ Vaccination flow with required data
- ☐ Vaccination on patient



## Attendances

Smart ERP has an exclusive attendance module that comes as part of the HRMS to manage the attendance of employees. With Odoo a company can choose manual attendance management or biometric management of attendance. This module helps an employee to register their check-in and check-out time efficiently.

Check In / Check Out ☐

Biometric Manager ☐

Reporting ☐

## Why Choose US?





# Benefits of Smart Hospital

## Easy to Use

Over a hundred hospitals in Bangladesh have already chosen our software because our system is designed by keeping your needs in mind. The Smart Hospital is a customizable and scalable solution that can be customized based on your unique operational needs. Also, this amazing AI-powered hospital management system website can be designed easily by users. Just drag and drop to customize the website as per your needs. The all-in-one dashboard allows you to access all your information from one single dashboard.

## No Hardware Investment

As said before, investing in hardware is so overwhelming when it comes to using a management solution. Unlike other software on the market, the Smart Hospital does not require any hardware infrastructure. You may be wondering who will fix the issues of the system then? Well, we do it all for you, including allowing you to use our cloud server for storing sensitive data that is valuable to you.

## Support / Training

We provide comprehensive training to our clients so you can use our system without any difficulty. Also, our custom software development specialists will be there for you 24/7 to solve any type of problem or to customize the system as per your business needs. With our expert help, you will have complete peace of mind and be able to fully focus on your business since we will handle the technical issues as soon as they arise.

# OUR USED TECHNOLOGIES

## Frontend Programming Language

01.



02.



## Mobile Apps



01.



02.



03.

## AI (Deep Learning) Programming Tools

### Top Python Libraries

PyTorch

TensorFlow

Scrapy

Flask

theano

NumPy

pandas

Keras



## TOOLS & TECHNOLOGY

## Database



## Backend Programming Language



## Security Framework

01. OAuth 2

02. CSRF Token

03. SSL Certification



# Our Offered Modules

## SaaS Model

SaaS offers an interesting alternative to standard software installation for the traditional business environment. It is like a subscription service where the user just installs the application files which remain available over a network for use. And the user (User+Organization) gets the authorization to use it for a period of time and pay for the software that you are using. SaaS became very popular nowadays, as it eliminates the upfront cost of purchase/installation, maintenance, hardware maintenance, and upgrades. SaaS applications can be easily downloaded and maintained.

## For More Information

**Please Visit**

[health.daffodil.family/shop](http://health.daffodil.family/shop)

## Benefits of SaaS

- ✓ Cost effective
- ✓ Pay Per Use.
- ✓ Rapid Deployment
- ✓ Enhanced Teamwork
- ✓ Reduced time to benefit
- ✓ Lower costs
- ✓ New releases or upgrades
- ✓ Easy to use

## Licensed Model

License is the authorization that grants one user the right to use a software package. It may grant the user the right to install the software on only one machine, or it may authorize installation on any number of machines as long as that same licensee is the only user.

### To Get Quotation

**Please Visit**

[health.daffodil.family/contact](http://health.daffodil.family/contact)

## Benefits of License

- ✓ Application service round the clock
- ✓ Easier to administer by simplifying software asset management.
- ✓ Licenses are available to all workstations
- ✓ License idle time is minimized by sharing
- ✓ Cost effective

# Global Presence



## Contact Us

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## Our Valuable Clients



THE STATE MEDICAL FACULTY  
OF BANGLADESH



# Client Testimonial



**Engr. Harun Or Rashid Sumon, IT In-Charge, BNSB**

We, (Khandker Mahbub Hossain Eye Hospital, BNSB) have got a Hospital Management System from Daffodil Computers Ltd., We are really happy to get such a type of solution. We wish a bright future for Daffodil Computers Ltd.



**Mr. Md. Rasel Ali, IT Officer, Cardio Care Hospital**

Daffodil Computers Ltd. provided a Hospital Management System which fully complies with all the departmental activities. We are enjoying working with this software. We wish the success of Daffodil Computers Ltd.

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