# Project Proposal

**Project Name:**

## eHMS - Hospital Management System - VB6 + MS Access

**Abstract:**

The revolutionary trends of computerization have reached the peaks achieving global goals in all fields and sectors. The hospital management systems are getting computerized leading to a new and innovative way of approach to management. With the major hospital hosting services of HMS, this project specifically aims to the total computerization of the Hospital day to day operation.

With the total automation of Hospital, the manual dependency is minimized to a large extent. It inherits all the properties of computerizing a system which includes quick response, less processing time, non-diligence, fast recovery, robustness, flexibility, reliability, scalability. The main goal of the HMS management system is to develop an automated system that supports the application specific to the hospital automation there by allowing the integration of all the employees pertaining to that organization and to keep track of various departments in the hospitals.

**Features and Modules**

**Master Module** : An enhanced atomized system is developed to maintain various master information

- **Hospital Details –** This form used to update hospital details, like name of hospital, address etc. these details used in printing of hospital name, address in various report.
- **Department Details –** Department details form is used to manage department master data.
- **Room Type Details –** Room type details form used to maintain hospital room type details, system user can add, edit this records from this form.
- **Room Details** - This form used to manage hospital room details, rooms are linked with room type and department, system user can add, edit these records from this form.

**Staff Module :** An enhanced module to maintain staff details

- **Designation Main –** This form used to maintain staff designation of staff, doctors. System user can add, edit, and view these records from this form.

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- **Education Details –** This form used to maintain doctor's education details. System user can add, edit, and view these records from this form
- **Staff Master –** This form is used to enter staff and doctor details, like name, qualification, designation. System user can add, edit, and view these records from this form
- **Staff Personal Details –** This form used to enter staff personal details like address, contact no, date of birth etc. System user can add, edit, and view these records from this form

**Patient Module :** An enhanced atomized system is developed to maintain and manage In-Patient and Out-Patient details

- **Out Patient –** This form used to capture out patient information, including patient name, blood group, address and contact details. System user can add, edit, and view these records from this form
- **Out Patient Consultant Charges –** This form used to enter out patient consultancy details. Including patient name, treatment details and charges.
- **Out Patient Consultancy Report –** User can generate day wise and department details. User can view and print the report.
- **In Patient Details –** This form used to capture in patient information, including patient name, blood group, address and contact details. System user can add, edit, and view these records from this form
- **In Patient Admission –** This form used to manage in patient admission details, including patient code, date of admission, department code. System user can add, edit, and view these records from this form.
- **Charges Main –** This form used to manage various treatment charges, System user can add, edit, and view these records from this form.
- **Patient Bill –** This form used to enter patient wise charge details and print the bill. System user can add, edit, view and print bill from this form.

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## Software Requirements:

- VB 6
- MS Access

## Hardware Requirements:

Processor: Preferably 3.0 GHz or Greater.
RAM : 1 GB or Greater.

## Limitations of the Software:

This project was developed to fulfill user requirement; however there are lots of scope to improve the performance of the HMS System in the area of user interface, database performance, and query processing time. Etc.

## Future Enhancements:

- Linking and integration of other system for accounting system.
- Connection to third-party OLAP applications

## Project Details:

- No of Form, Pages, Reports in project source : **20**
- No of database tables : **15**
- No of pages in project report : **135**

## Project Demo:

**https://youtu.be/GbThG7927WU**

## For buy this project:

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