

# HEALTHCARE MANAGEMENT SYSTEM

A sophisticated health care management system that keeps track of all the patient records in the facility. The system stores all the records in a relational database, making sure the data is secure and its integrity preserved. For effective service delivery, the system has a billing feature built-in allowing the facility to bill the patient doing the service first and convenient seamlessly. On top of that, the system also packs a Lab test request feature allowing doctors in the hospital to request lab test from lab associates this feature dramatically improves efficiency and provides for seamless communication between the lab and doctors.



“Our ability to achieve  
personal and business  
success is directly  
related to how well we  
can break through fear”

04/06/2020  
KAYLA HEYDON  
[HTTPS://GITHUB.COM/KAYLAM987/  
HEALTHCARE\\_MANAGEMENT\\_SYSTEM](https://github.com/kaylam987/healthcare_management_system)

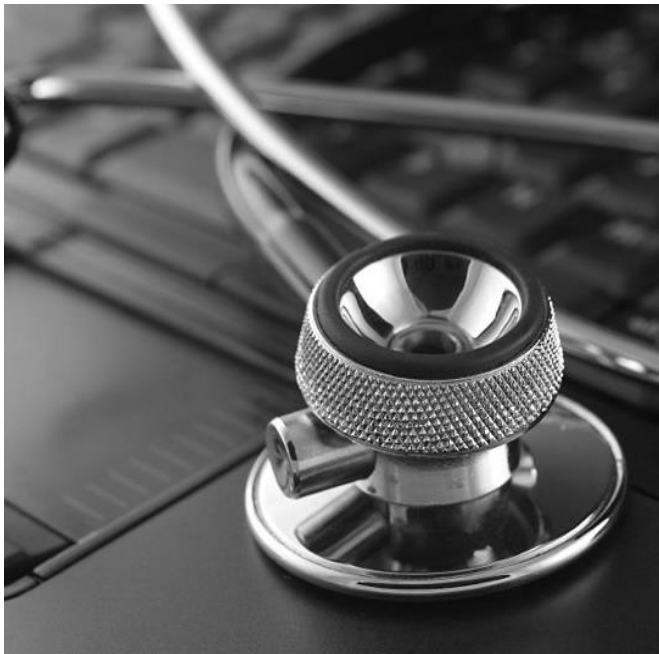


HealthCare  
Management  
System

## SYSTEM FEATURES

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- 1) Patient registration
- 2) Edit patient information
- 3) Bill creation and editing
- 4) Add new users to the system
- 5) Search feature allowing users to search for patients or other users in the system
- 6) Authorization and authentication via login, logout, and password reset



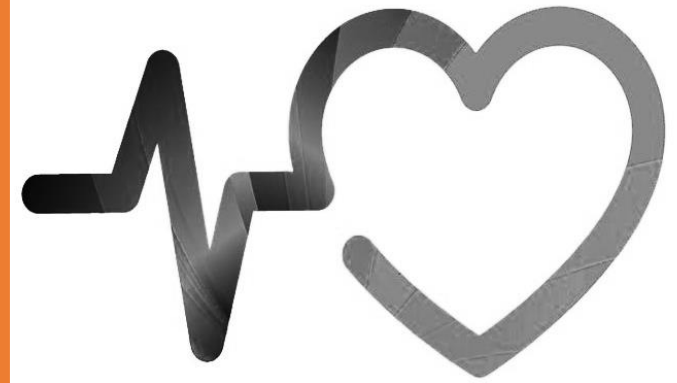
## USER INTERFACE

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The system user interface is made up of a dashboard housing all the system functionalities, and user permissions restrict usage of this system functionalities.

For example, the receptionist can only search, view, and register new patients in the system.

The user interface is designed and implemented using bootstrap four and query.



## SYSTEM REQUIREMENTS

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- CPU with at least six core 12 threads
- 16 Gigabytes of RAM
- 1-gigabyte network card
- 1 Terabyte solid states drive
- 4 Terabytes hard disk
- Windows 10/ macOS/ Linux operating system

