

**MBARARA UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**FACULTY OF COMPUTING AND INFORMATICS**

**DEPARTMENT OF COMPUTER SCIENCE**

**WEB PROGRAMMING**

**ASSIGNMENT TWO**

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REGNO**: 2021/BCS/041/PS**

**HOSPITAL MANAGEMENT SYSTEM**

**Project Title:**

This system gives a brief idea on how to manage daily operations of the hospital. With a welcome home page, to the log in./ sign up then the dashboard. HMS iteracts with patients, doctors and other hospital related departments, patients may schedule appointments with doctors, it also shows room allocation among other features

**Software Requirements:**

● Operating System: Windows XP/7/8/10/11

● Programming Language: HTML, CSS, JavaScript, PHP, mySQL

● Database: MySQL

**Hardware Requirements:**

● RAM: 400 MB or more

● Processor: Pentium IV or higher

**Assumptions Taken:**

★ The system should ask the details of the patient and allocate the room according

to the requirements of the patient.

★ Once, the patient submits his records, the system will show the alert as “Your record is

submitted successfully!”.

★ If it showed the alert, the patient’s record is stored in the database.

Details Handled:

The functional requirements of this project are:

● Html

● Css

● Javascript

● PHP

● MySQL

This project handles all the requirements of the hospital concerning the bookings, It’s easy to

work on and should be used for a better management system.

Basic Design:

Initially, in this project, we are going to create a html website by using various tags and attributes

for the homepage of the hospital. We have added style sheets to make

the website attractive. We have also included javascript functions for the sake of customers

confirmation of booking.

**How to Run the system?**

Follow the Guidelines Below to Set up and Run the code

1. XAMPP / WAMP Is needed
2. TEXT EDITOR" NOTEPAD++ OR SUBLIME TEXT 3 / VS CODE ETC IS REQUIRED.
3. Extract the file and copy "HMS" folder
4. Paste inside root directory/ where you install xammp / Wamp in local disk C: drive D: drive E: paste: (for xampp/htdocs, for wamp/www)
5. Open PHPMyAdmin (http://localhost/phpmyadmin)
6. Create a database with name ‘lememorial’
7. Import lememorial.sql file (given inside the zip package in database file folder)
8. Run the script http://localhost/HMS

**Conclusion**

The following features have been implemented in the above mentioned system as listed below:

**Responsiveness –** Responsive on all devices

**Data Validation** (That’s on logging in for the customer)

**Code Base** **size** (styles were separated from the main files, same applies to Icons)

**User** **Authentication** (Customer cannot access the system without providing their login credentials)

**Typography** **and** **color** **themes** (There is font consistency in the system plus colors where the colors used were only green, black and white)