

CS2003D- DATABASE MANAGEMENT SYSTEM

PROJECT DOCUMENTATION



HOSPITAL MANAGEMENT SYSTEM

Done By

Group No: 28

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PLACE: NIT Calicut

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How to use the code:

- Download the project zip file
- Unzip the files
- Locate takeoff directory in the Xaamp/htdocs folder
- Start the MySQL, Apache in the Xaamp control panel
- Create a database with name HOSPITAL MANAGEMENT SYSTEM and import the tables through sql file provided in **Xaamp/htdocs/DBMS-PROJECT/myhmsdb.sql**
- **localhost/DBMS-PROJECT/index.php** is the first page to be executed to get the main page.

Code Description:

This project code is to ease the way of booking appointments to consult the doctors through a web application, developed using HTML, CSS and PHP which enables patients to register and choose the doctor accordingly with the time slot. Patients can also check their prescription which has been given by the consulted doctor. Any user can logout by clicking on the logout button which has been placed at top - left side.

Admin/Staff will be provided with the login details. By entering the corresponding details staff can login and check who all patients got consulted by the doctors. They can see the details of patients such as their name, email, contact and gender. They can also see doctors lists. Admin has the update doctors list based on their time of arrival or time of availability. Doctors can login with his/her username and corresponding password. Doctors have the feature to see the details of his/her patients and have the option to enter prescriptions in the web application. After the payment of the bill, the entire consulting bill along with the prescription is generated as a pdf to the patient.

MODULES:

Main module:

- The location of this module is
Xaamp/htdocs/DBMS-PROJECT/index.php
- This module has 3 buttons which are patient,doctor,admin
- The patient button will redirect to the patient registration page
- The doctor button will redirect to the doctor login page
- The admin button will redirect to the admin login page

Patient:

Patient registration module:

- This module allows patient to register with email and password
- By entering the correct details,It will redirect to the module:
Xaamp/htdocs/DBMS-PROJECT/admin-panel.php
- Otherwise it will show that invalid username or password

Input and output:

- Input is the email and password
- Output is, if entered login details are correct it redirects to patient page
- Else it gives a message to enter correct username and password.After entering the patient interface patients have several options like booking appointments,checking status of appointments and viewing prescriptions

Doctor:

Doctor login module:

- On clicking the doctor button in the main page module we will be redirected to this module.

- This module allows doctors to login with their login credentials provided by the database administrator .
- By entering the correct login details , if the username and password submitted by the user is matching to any of the tuples in the staff table then it will redirect to homepage of doctor,Otherwise it will show that invalid username or password

Input and output:

- Input is the username and password
- Output is, if entered login details are correct it redirects to doctor page
- Else it gives a message invalid username or password.After entering the patient interface doctor have several options like viewing appointments and giving prescriptions

Admin:

Admin login module:

- On clicking the admin button in the main page module we will be redirected to this module.
- This module allows admin to login with their login credentials provided by the database administrator .
- By entering the correct login details , if the username and password submitted by the user is matching to any of the tuples in the staff table then it will redirect to homepage of doctor,Otherwise it will show that invalid username or password

Input and output:

- Input is the username and password
- Output is, if entered login details are correct it redirects to admin page
- Else it gives a message invalid username or password.After entering the admin interface admin have several options like viewing appointments and giving prescriptions.

CONCLUSION:

Since the System is essential for maintaining detail about the Doctor, Patient, Hospital staff etc. we understand that by using this Management System project the work becomes very easy and we save a lot of time. Hospital administrators would be able to significantly improve the operational control and thus streamline operations. This would enable to improve the response time to the demands of patient care because it automates the process of collecting, collating and retrieving patient information. Accounting sometimes becomes awfully pathetic and complex. This product will eliminate any such complexity.