Amrita Hospital Management System(AHMS)

1.Project Summary

1.1 Project Overview:
This Amrita Hospital Management System is a User Interface that allows to manage, monitor and control the system in Amrita hospital. This web application mainly focuses on basic operations in the hospital like adding new patient information, updating new information and assigning doctors to the patients. It features a familiar and well thought-out, an attractive online user interface, combined with strong searching Insertion and reporting capabilities. Patients can book appointments in which assigned doctor can view the appointments.

1.2 Project Scope:
The web application provides a platform for booking appointments. Appointment availability can be viewed by everyone(Doctors, Patients and Admin). A patient has to register himself before making any appointment. Admins/Patients/Doctors can login with their username and password to view, book and cancel their appointments. A single login page is designed for Admins, Doctors and Patients who are redirected to their respective web page after validating the credentials.

2. Functional Requirements:
Backend: Java, MySQL(database connectivity)
Frontend: HTML, CSS, Java Script.

3. Product Functions:
Doctor functionalities Overview:
- Sign up in the web application to access his details.
- Can view the appointments.
- Can cancel or update the appointments.

Patient functionalities Overview:
- Sign up in the web application to access his details.
- Can edit his profile.
- Can book an appointment.
- Can view his/her report.

Admin functionalities Overview:
- Login to the web application.
- Can view all the patients and doctors.

- Can view all the reports and feedback.
- Can view all the appointments.
- Can delete/edit/add the patients or doctors also.

4.USE CASES:

4.1 Description of USE CASES:
- The user has to sign up into the web application.
- The user has to Login to the web application to book an appointment with the doctor.
- The user will search for the doctors available for the cause and books appointment based on the result of this query.

4.2 Class of the Use cases: Attached with this Document

4.3 Use case diagram: Attached with this Document

5. User Interface: Attached with this Document.

6.Team:

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