



American International University- Bangladesh

CSC 3222: Web Technologies

CO1.1 and CO2.1 Evaluation

Project Report

Spring 2021-22

Project Title: HEALTHCARE MANAGEMENT SYSTEM

Section: F

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Introduction:

The project Hospital Management system includes registration of patients, storing their details into the system. The Hospital Management System can be entered using a username and password. It is accessible either by an administrator, regular user or employee. Only they can add data into the database. The data can be retrieved easily. The interface is very user-friendly. The data are well protected for personal use and makes the data processing very fast.

HEALTHCARE MANAGEMENT SYSTEM

Background Study

Our domain was healthcare system. So, we tried to make the system easier for a patient. So, we took reference from some Hospital website. The features of a hospital website were useful to stand this project.

<https://www.squarehospital.com>

From this link we collected **doctors' information** their scheduling as well as personal information such academic carrier. that information is helpful for patient and reassuring as he knows about doctor. we tried to put that information such way.

<https://labaidgroup.com/specialized>

From this link we tried to improve the **appointment** system as well as we also collected data of doctors.

Requirement Analysis:

1. User Category:

There are only one Users here. They are:

- Regular User

2. Feature List:

In this project the “User Type 1” has the following features:

- User can login and register in the system.
- This system has fully dynamic login system. So, user has many profiles modification features like changing password, editing profile, forget password option.
- User can see many healthcare essential information and book appointment to reputed doctors.
- Users can see many reputed doctor's details and schedule also.

Tools Used:

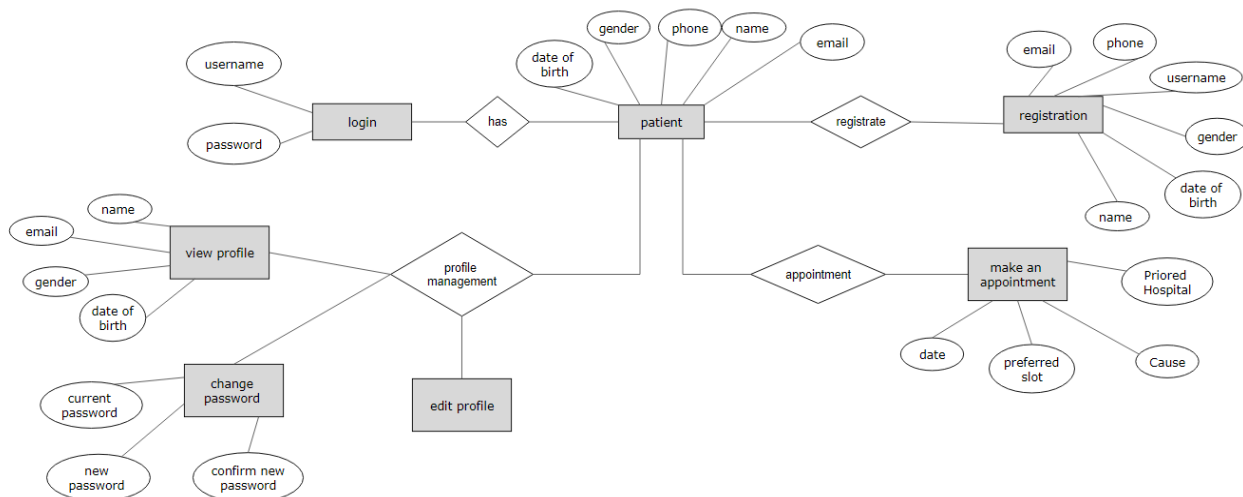


HEALTHCARE MANAGEMENT SYSTEM

To develop this project, we have used the following:

- UML diagram maker
- Visual Code
- Xampp
- Microsoft Edge

Design:



System Images against the Specification:



HEALTHCARE MANAGEMENT SYSTEM



[Login](#) | [Registration](#)

Login

User Name:

Password:

☐ Remember Me

[Forgot password?](#)

Fig: Login Page



[Login](#) | [Registration](#)

REGISTRATION

Name :

Email :

User Name :

Password :

Confirm password :

Fig: Sign up Page



HEALTHCARE MANAGEMENT SYSTEM



Fig: User profile



HealthCare Management System

Logged in as [asif](#) | [Logout](#)

HOME

FACILITIES

[Find A Doctor](#)

[Make An Appointment](#)

Fig: User Homepage



HEALTHCARE MANAGEMENT SYSTEM

Impact of this Project:

This HealthCare Management System is powerful, flexible, and easy to use and is designed and developed to deliver real conceivable benefits to hospitals. Hospital Management System is designed for multi-specialty hospitals, to cover a wide range of hospital administration and management processes. It is an integrated end-to-end Hospital Management System that provides relevant information across the hospital to support effective decision making for patient care, hospital administration in a seamless flow. This Management System enables you to develop your organization and improve its effectiveness and quality of work.

Describe the increasing importance of your project on modern society and environment.

How will people be benefitted from your project?

This project will save manual effort of a physical hospital. Unwell patient can take advice without coming to a specific location. An accurate Hospital Management System ensures that decision making in clinics is made precise, fast, and useful. With a single view and easy availability of data points, medical support staff and doctors get facilitated. Healthcare Management System offers a better-concerted atmosphere between doctors, patients, hospital staff, groups, and managing workflows. The portal solutions are capable of unifying the legal objects, applications from other portals and also manages multitudes of user requests, which results in reckless information flow between patients, doctors, and staff.

Limitations and Possible Future Improvements:

This project is basically the structure of a main figure. We didn't use anything to look this website attractive.

In future maybe we can use some other tools to increase its look. And for short time, we couldn't make enough user and features for the users. This also needs some work.



HEALTHCARE MANAGEMENT SYSTEM

CO1.1 and CO2.1 Evaluation: Project Report Evaluation					
Project Proposal (5)	Background Study (5)	Requirement Analysis (5)	Entity Diagram (5)	System Images against the Specification (5)	Total (25)

