Submitted to



Final Project

Report On

Hospital Management System

As a Project work for Course

Internet Programming Laboratory

(CSE326)

By

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| Sr. No | Registration No. | Name of the Student | Roll No. | Total Marks | Marks Obtained | Signature |
| 1 | 11615015 | Adabala Sai Krishna Chaitanya | 52 | 10 |  |  |
| 2 | 11615053 | Yash Bhati | 41 | 10 |  |  |
| 3 | 11615060 | Prabhjyot Singh Nandra | 31 | 10 |  |  |

**Introduction:**

Our web-designing project constitutes making a good looking and innovative website for a hospital. The website has all the information related to the hospital and is otherwise called as the hospital management system. The website enlists the following sections:

* Patient Care & Services
* OPD Section
* Specialties
* About Us
* Careers
* Contact Us
* Feedback and Query
* Log-in Portal

**Technology Used:**

This complete web project is built using HTML, CSS and JavaScript.

**Hypertext Markup Language** (**HTML**) is the standard markup language for creating web pages and web applications. With **Cascading Style Sheets (CSS)** and **JavaScript** it forms a triad of cornerstone technologies for the World Wide Web. Web browsers receive HTML documents from a webserver or from local storage and render them into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.

**HTML:**

When writing a normal document using a word processor like Microsoft Word/Office, your text is saved in a file with a special format. It is not simply saved as the string of words you typed since the document needs to preserve things like the font you chose, the size of the text, which words are in bold, which italics, and so on. The special format includes not only your words, but all this extra information so that the next time Word opens your document, it can display the document with the exact appearance you created earlier.

In the same way, web pages are simply strings of words put in a special format that web browsers are able to display. While the format of Word documents is simply called "Word format" (or "doc format"), loosely speaking, one might say that web pages are formatted using "HTML".

**CSS:**

Cascading Style Sheets, or CSS, allow you to specify things like the font you want on your page, the size of your text, whether the page is to have 2 columns, whether your text is to be in bold or italics, and so on.

In other words, it is the part that lets you control the appearance of your web page. On the web, the raw information is specified in HTML and most of the appearance is determined by the CSS.

**JavaScript:**

Since the HTML/CSS combination is analogous to the data found in a Word document, it is good only for displaying information.

If you want your web pages to do different things depending on the situation, you will need a programming language. For example, some websites want to provide a membership facility where people can log into the site, and access certain information. Other sites provide a feedback form so that visitors can contact them. All these things require facilities that a simple document format cannot do.

JavaScript is the most commonly-used programming languages on the Internet. It is used by websites to carry out more complicated operations.

Programs written in JavaScript run in the web browser itself, so if your website has a JavaScript program, the program will be automatically fetched by your visitor's browser and executed on his/her computer.

**Modules:**

|  |  |  |  |
| --- | --- | --- | --- |
| Registration No. | Name of the Student | Roll No. | Modules Completed |
| 11615015 | Adabala Sai Krishna Chaitanya | 52 | Home Page, OPD Section, About Us,  Feedback & Queries |
| 11615053 | Yash Bhati | 41 | Careers, Contact Us, Log in, JavaScript and Overall Module Integration |
| 11615060 | Prabhjyot Singh Nandra | 31 | Patient Care and Services, Specialties |

**Home Page:**

The Home Page is the landing page of our website. It is the starting webpage which gives the visitor a short description of the hospital and has specific links to the different sections of the website. The home page consists of the Hospital Logo, Menu for different modules which are listed below.

**Patient Care & Services:**

The PCS Section consists of

* Admission Process
* Discharge Process
* Guidelines for Visitors
* Patient & Attendant Responsibilities
* Patient & Attendant Rights
* Visiting Guidelines for Intensive Care Units (ICUs)

**OPD Section:**

The Out-Patient Department gives schedule of availability of doctors from different medical branches.

It is the place where patients are provided medical consultations and other allied services within a hospital.

**Specialties:**

The Specialties Section gives list of various medical branches within the hospital and the brief description of the individual Medical Services.

**About Us:**

The About Us Section consists of whole History, Overview, Mission Statement and the brief details regarding the functioning of our esteemed medical institution.

**Careers:**

The Careers Section gives recruitment procedure for the aspiring doctors and medical professionals such as nurses, midwives and other hospital staff. There are separate forms for doctors and professionals and this collects information. This information is stored in database using JavaScript actions.

**Contact Us:**

The Contact Us Section provides the email address, fax number, phone numbers, emergency customer care and contact address of the hospital for the visitors. There is also a form with heading “Send us a Message” in the right side of the webpage. This Form helps visitors to contact the hospital directly from the website through the internet.

**Feedback and Query:**

The Feedback and Query Section contains a form for feedback of our patients and their relatives regarding the services of the hospital and its quality. Constructive criticism for improvement of medical services is invited and any comments and compliments are welcomed through this section of the website.

**Log-in Portal:**

The Log-in Portal Section has a login form which gives access to the confidential information of the hospital only to the hospital staff, doctors and regulatory authorities within the hospital.

**Screenshots:**