PROJECT REPORT

On

"Restaurant Management App"

Department of Computer Engineering & Applications

GLA UNIVERSITY



GLA University Mathura- 281406, INDIA 2022-2023

SUBMITTED BY:-

Rahul (201500542)

Yashpal Singh(201500822)

Puspendra Saraswat(201500537)

SUBMITTED TO:-

Mr. Mohd. Amir Khan (Technical Trainer)

Declaration

We hereby declare that the work which is being presented in the mini project "online Appointment App", in partial fulfilment of the requirements for mini project viva voce, is an authentic record of our own work carried by the team members under the supervision of our mentor Mr. Mohd. Amir Khan.

Group Members:

Yashpal Singh (201500822)

Rahul (201500512)

Puspendra Saraswat(201500537)

Course: B.Tech (Computer Science and Engineering)Year: 3rdSemester:

6th

Supervised By: Mr. Mohd. Amir Khan Technical Trainer

GLA University, Department of Computer Engineering & Application



Department of computer Engineering and ApplicationsGLA University, Mathura

17 km. Stone NH#2, Mathura-Delhi Road, P.O. – Chaumuha, Mathura – 281406

Certificate

This is to certify that the above statement best of my/our knowledge and belief.	nts made by the candidates are correct to the
Supervisor::Mr. Mohd. Amir Khan	
Technical Trainer	
Dept of CEA, GLA University	
Project Mentor	Program Coordinator
J	Flogram Cooldinator
(Mr. Mohd. Amir Khan)	(Mr. Shubash Chand Agarwal)

About the Project

Our Project "Health Care Website" is a web application which is built using multiple web technologies. The primary technology used in creating our project is Html, CSS, JavaScript, Jquery & for database we use Php. It is a comprehensive solution that can help patients to get appointment of doctor easily.

The "Health Care Website" is designed in such a way that it can keep a track of Patients & doctors. It is a web application with simple user interface which makes it easier to use. It is made using web technologies of Php, JavaScript. The application has a local storage where all of the data is stored.

This makes our application "Health Care Website" an efficient and convenient tool for doctors and patients to keep a track on their different aspect (appointment, patients name, doctors name).

Motivation

The motivation behind building an online appointment booking system for healthcare using PHP is to make healthcare services more accessible and convenient for patients. Traditionally, patients would need to physically visit a healthcare facility or call to schedule an appointment. This can be time-consuming and may not always be possible for patients who are unable to leave their homes due to illness or other reasons.

With an online appointment booking system, patients can schedule appointments with their preferred healthcare providers from anywhere, at any time. This not only makes it more convenient for patients but also helps healthcare providers to manage their appointments more efficiently.

Additionally, an online appointment booking system can help reduce wait times and overcrowding in healthcare facilities. Patients can schedule appointments at times that are convenient for them, reducing the likelihood of long wait times and crowded waiting rooms.

Overall, the motivation behind building an online appointment booking system for healthcare using PHP is to improve the patient experience and make healthcare services more accessible and convenient for patients.

Details About the Hardware and the Software

a). Software Requirements:

• Technology Implemented: Php

• Languages/Technologies Used: HTML, CSS, JavaScript, Angular

• Database: MySql

• Code Editor: V.S Code

• Web Browser: Google Chrome

- GitHub: GitHub is a code hosting platform for version control and collaboration. It lets you and others work together on projects from anywhere. GitHub Repository: A GitHub repository can be used to store a development project. It can contain folders and any type of files (HTML, CSS, JavaScript, Documents, Data, Images). A GitHub repository should also include a license file and a README file about the project. A GitHub repository can also be used to store ideas, or any resources that you want to share.
- V.S Code: Visual Studio Code, also commonly referred to as VS Code, is a source-code editor made by Microsoft with the Electron Framework, for Windows, Linux and macOS. Features include support for debugging, syntax highlighting, intelligent code completion, snippets, code refactoring, and embedded Git.

b). Hardware Requirements:

Processor Required: Intel i3,i5,i7Operating System: Windows 10

• RAM: 4GB

• Hardware Devices: Computer System

• Hard Disk: 256GB

Acknowledgement

We thank the almighty for giving us the courage and perseverance in completing the project. This project itself is anacknowledgement for all those people who have given us theirheartfelt co-operation in making this project a grand success. We extend our sincere thanks to Mr. Mohd. Amir Khan, Technical Trainer at "GLA University, Mathura" for providing his valuable guidance at every stage of this project work. We are profoundly grateful towards the unmatched services rendered byhim. And last but not least, we would like to express our deep sense of gratitude and earnest thanks giving to our dear parents for their moral support and heartfelt cooperation in doing the project.

Health Care Website

Abstract

An online appointment booking system for healthcare using PHP is a web-based application that allows patients to schedule appointments with their preferred healthcare providers. The system consists of a front-end, developed using HTML, CSS, and JavaScript, and a back-end developed using PHP. The system stores all the information related to patients, doctors, and appointments in a database.

The system includes user authentication to ensure that only authorized users can access the system. The appointment scheduling module allows patients to select their preferred doctor, choose a time slot, and confirm their appointment. The system sends email notifications to patients and doctors to confirm appointments and remind them of upcoming appointments.

The motivation behind building an online appointment booking system for healthcare using PHP is to make healthcare services more accessible and convenient for patients. By allowing patients to schedule appointments online, the system reduces wait times and overcrowding in healthcare facilities. It also improves the patient experience by making healthcare services more accessible and convenient.

Overall, an online appointment booking system for healthcare using PHP is a valuable tool for both patients and healthcare providers, providing a convenient and efficient way to manage appointments and improve the patient experience.

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Introduction

The aim of the project is to create a Doctor-Patient handling website that will help doctors in their work and will always help patients to book doctor appointments and view medical progress. This website allows doctor to manage their booking-slot online. Patients are allowed to book empty slots online, and those slots are reserved in their name. This website manages the appointment data for multiple doctors of various date and times. Each time a user visit a doctor his/her medical entry stored in the database by doctors. Next time a user logs in he may view his/her entire medical history as and when needed. At the same time a doctor may view patients previews medical history, while the patient visits him.

This is a web-based application that overcomes the issue of managing and booking appointments according to user's choice and demands. The task sometimes become very tedious for the compounder or doctor himself in manually allotting appointments for the users as per their availability. Hence, this project offers an effective solution where users can view various booking-slots available and select the preferred date and time. This website helps to reduce the waiting time of patient and user can select the appointment time according to his preference.

It's easy to install and easy to use.

Technologies Used

What is HTML?

HTML stands for Hyper Text Markup Language

- HTML is the standard markup language for creating Web pages
- HTML describes the structure of a Web page
- HTML consists of a series of elements
- HTML elements tell the browser how to display the content
- HTML elements label pieces of content such as "this is a heading", "this is a paragraph", "this is a link", etc.

A simple Html document:

Uses of Html:

- 1) Creating web pages: HTML is the foundation of all web pages and is used to define the structure and content of a page.
- 2) Defining text and multimedia elements: HTML is used to define text elements such as headings, paragraphs, and lists, as well as multimedia elements such as images, videos, and audio files.
- 3) Creating links: HTML provides a way to create links between pages and resources, allowing users to navigate between pages and access external resources.
- 4) Building forms: HTML provides a way to create forms for collecting user input, such as contact forms or login forms.

Overall, HTML is a fundamental tool for building web pages and applications and is essential for creating an effective and functional web presence.

What is CSS?

- CSS stands for Cascading Style Sheets
- CSS describes how HTML elements are to be displayed on screen, paper, or in other media
- CSS saves a lot of work. It can control the layout of multiple web pages all at once
- External style sheets are stored in CSS files

HTML was NEVER intended to contain tags for formatting a web page!

HTML was created to describe the content of a web page, like:

<h1>This is a heading</h1>

This is a paragraph.

When tags like , and color attributes were added to the HTML 3.2 specification, it started a nightmare for web developers. Development of large websites, where fonts and color. I Information were added to every single page, became a long and expensive process.

To solve this problem, the World Wide Web Consortium (W3C) created CSS.

CSS removed the style formatting from the HTML page!

JavaScript:

JavaScript is a dynamic computer programming language. It is lightweight at used as a part of pages, whose implementations allow client-side script user and make dynamic pages. It is an interpreted programming language w capabilities.

Advantages:

<u>Less server interaction</u> - You can validate user input before sending server. This saves server traffic, which means less load on your server

Immediate feedback to the visitors - They don't have to wait for a p they have forgotten to enter something.

<u>Increased interactivity</u> - You can create interfaces that react when them with a mouse or activates them via the keyboard.

<u>Richer interfaces</u> - You can use JavaScript to include such items components and sliders to give a Rich Interface to your site visitors.

<u>Data Types :</u>

JavaScript allows you to work with three primitive data types1). Numbers, e.g. 123, 120.50 etc.

2) . Strings of text e.g. "This text string" etc.3). Boolean e.g. true or false.

Trivial data types

null and undefined, each of which defines only a single value.

What is Php?

PHP, which stands for Hypertext Preprocessor, is a popular open-source scripting language used primarily for web development. PHP is used to build dynamic websites and web applications, and it can be embedded in HTML to create server-side scripts.

A Sample Php Document

PHP is a versatile and widely used programming language that is primarily used for web development. Some of the common uses of PHP include:

<u>Server-side scripting</u>: PHP is primarily used for server-side scripting, which means that it can process data on the server before sending it to the client's browser. This allows for dynamic web pages and applications that can generate content based on user input and other factors.

<u>Building web applications</u>: PHP is commonly used to build web applications such as content management systems, e-commerce platforms, and social networking sites.

<u>Database integration</u>: PHP can integrate with various databases, including MySQL, PostgreSQL, and Oracle, allowing developers to build database-driven web applications.

<u>Form handling</u>: PHP can be used to handle form submissions from web pages, validating user input and processing form data before storing it in a database or sending it to other systems.

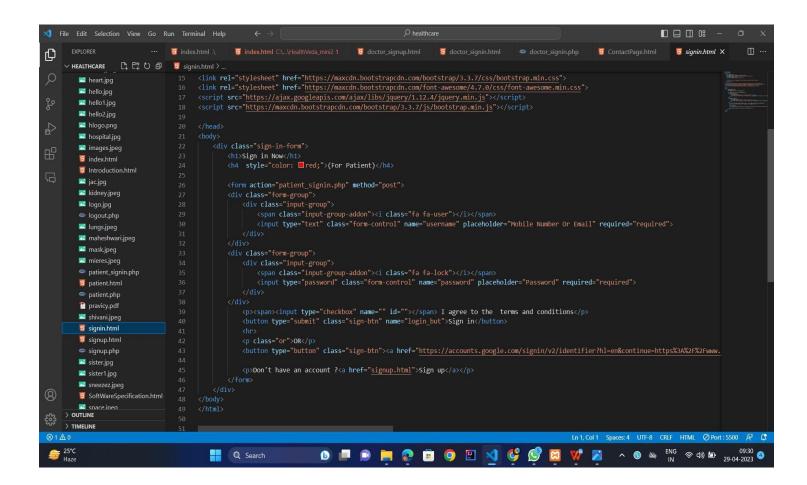
<u>Creating APIs</u>: PHP can be used to create APIs (Application Programming Interfaces) that allow different systems to communicate with each other and exchange data.

<u>Content management systems</u>: PHP is widely used for building content management systems (CMS) like WordPress and Joomla, which allow users to easily manage and publish content on their websites.

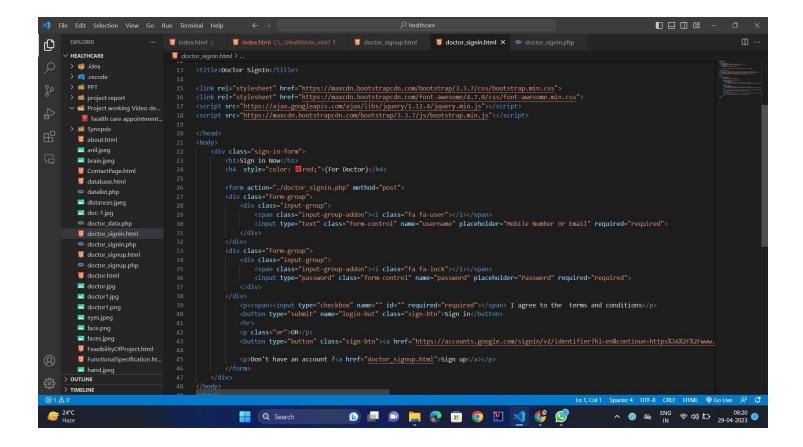
List of Figures

Components

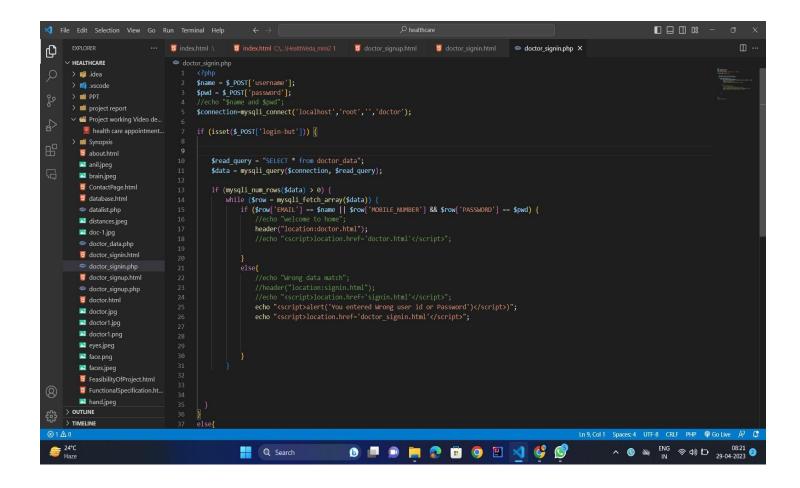
1. **signin.html:** In this component we create a page of from where patient can login his/her account.



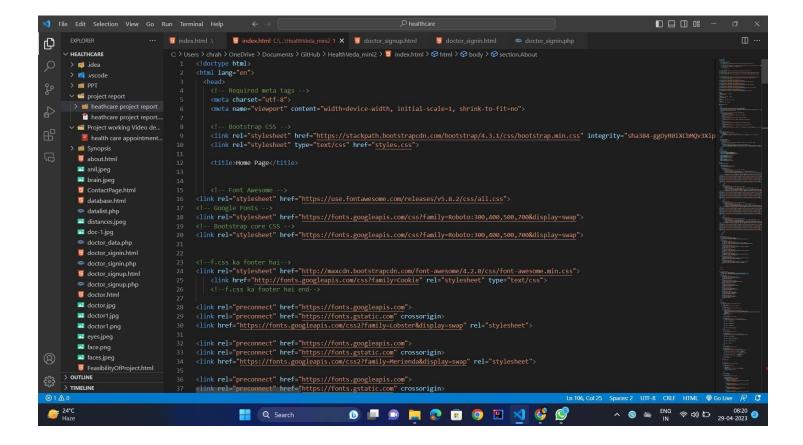
2. **Doctor_login.html:** It In this file we create a login function & using this we can access the data of already register user & user also access their account using I'd & password.



3. doctor_signin.php: Using this doctors can login their account.

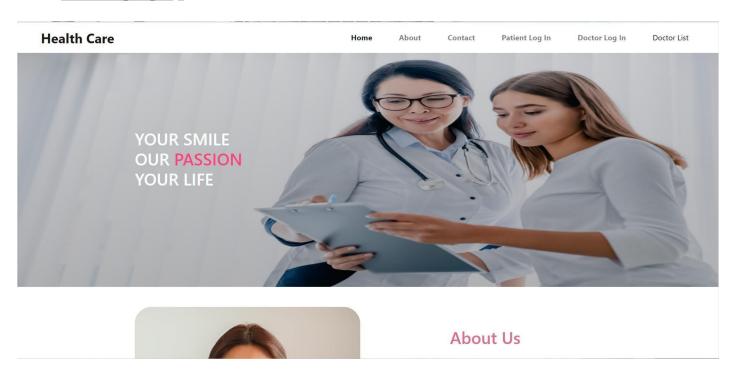


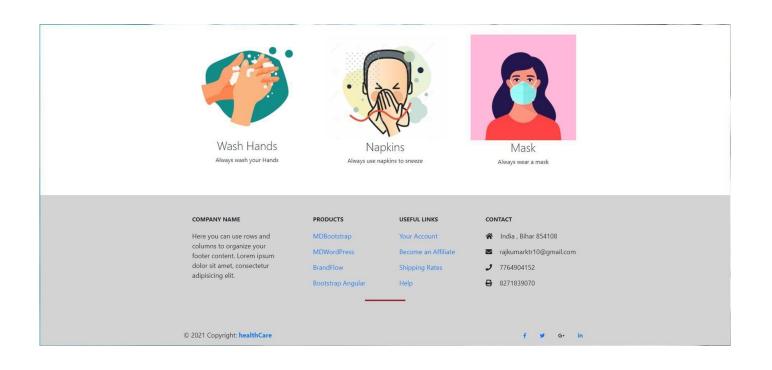
4. **index.html**: It is the main page of the website where user appear first time.



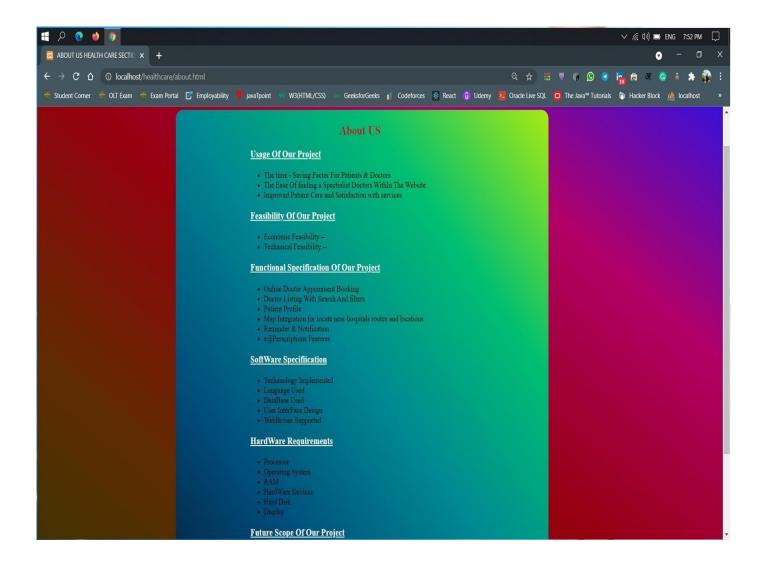
Front-end layout :

Home page:

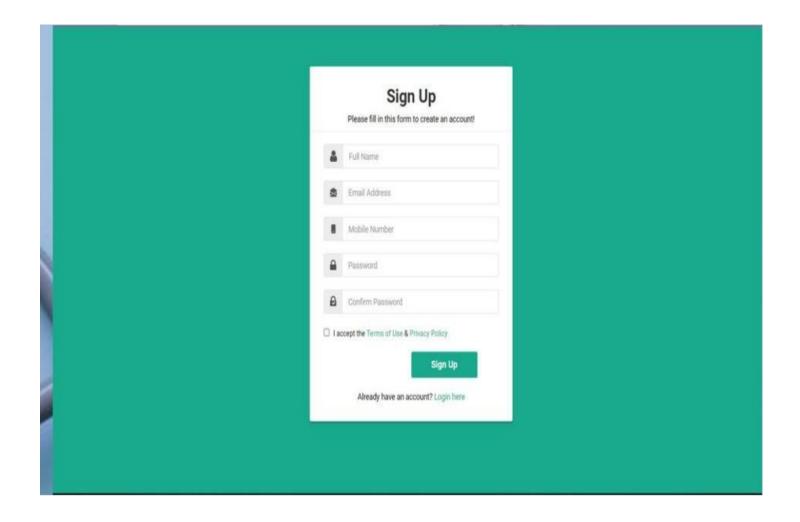




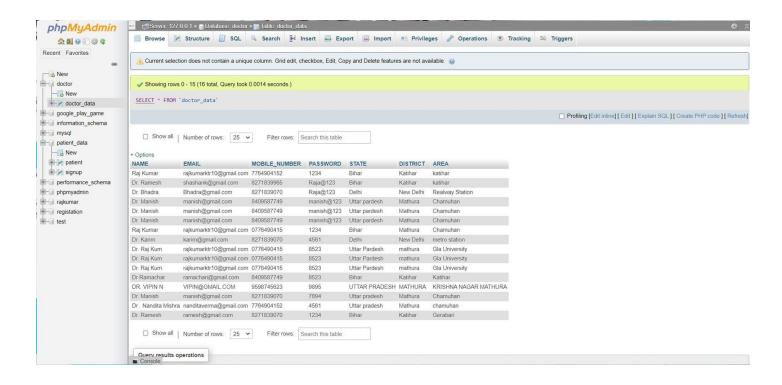
About Us:

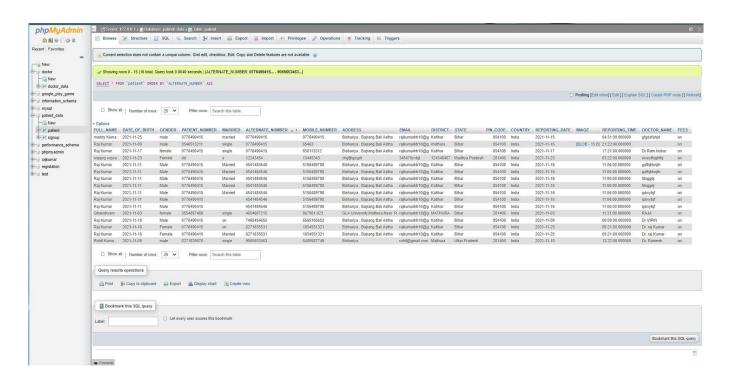


SignUp page:



Data after registration:





Conclusion

We have completed our project within time limit with the coordination of our team members under the supervision of our mentor Mr. Mohd. Amir Khan.

Our project repository is available at

https://github.com/rahulchaudhary777/HealthVeda mini2/

Bibliography

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