





DEPARTMENT OF COMPUTER ENGINEERING

A Project Report on

Online Education Website

Submitted in partial fulfilment of the requirements for the degree of

BACHELOR OF ENGINEERING

In

COMPUTER ENGINEERING

Submitted By

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Under the Guidance of

Prof. S. F. SAYYAD

Academic Year: 2022-23(Term-II)

Savitribai Phule Pune University

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CERTIFICATE

This is to certify that ADITYA PRASHANT DAYAL from Third Year Computer Engineering has successfully completed his project report titled "Online Education Website" at AISSMS College of Engineering, Pune as Web Development Mini Project.

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Principal

AISSMS COE, Pune

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PROJECT REPORT APPROVAL

The Project entitled

Juice Website

By

ADITYA PRASHANT DAYAL (20CO001)

is approved for the degree of

Bachelor of Engineering In Computer Engineering

Examiner 1 Name and Signature	Examiner 2 Name and Signature
Date:	
Place:	

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ABSTRACT

Juice World is an invigorating and interactive website dedicated to celebrating the natural essence of juices. Our platform is designed to captivate and engage individuals who prioritize healthy and refreshing beverage options. With an extensive selection of juices ranging from classic favorites to exotic blends, Juice World offers something for every taste preference. We believe in the power of nutrition and ensure that our juices are crafted to maximize nutritional value, providing essential vitamins, minerals, and antioxidants to support overall well-being. Sustainability is a core value at Juice World, and we proudly source our ingredients from local farms and suppliers committed to eco-friendly practices. By promoting responsible consumption, we aim to minimize our environmental impact.

At Juice World, we provide an immersive and user-friendly experience for our visitors. Our website features an intuitive interface that allows users to explore our wide range of products, discover the health benefits of different ingredients, and find enticing recipes and serving suggestions. Our user-friendly website provides an engaging platform to explore our product offerings, learn about the benefits of our ingredients, and place orders with ease. We are dedicated to providing exceptional customer service and ensuring that each sip of Juice World juice is a refreshing and satisfying experience.

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indirectly.

Academic Year: 2022-23

Date-

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REQUIREMENTS

Software Requirements: -

• Language: PHP (Hypertext Preprocessor)

• Database: MySQL

• Web Designing: HTML, CSS, Bootstrap, Java Script

• Localhost Software: XAMPP (Apache and MySQL)

• **Browser:** Google Chrome, Brave, Microsoft Edge

PHP:

PHP is an open-source, interpreted, and object-oriented scripting language that can be executed at the server-side. PHP is well suited for web development. Therefore, it is used to develop web an application that executes on the server and generates the dynamic page.

PHP stands for Hypertext Preprocessor. PHP is an interpreted language, i.e., there is no need for compilation. It is faster than other scripting languages, for example, ASP and JSP. It is a server-side scripting language, which is used to manage the dynamic content of the website. It can be embedded into HTML. It is an object-oriented language. It is an open-source scripting language. It is simple and easy to learn language.

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MySQL:

MySQL is currently the most popular database management system software used for managing the relational database. It is open-source database software, which is supported by Oracle Company. It is fast, scalable, and easy to use database management system in comparison with Microsoft SQL Server and Oracle Database. It is commonly used in conjunction with PHP scripts for creating powerful and dynamic server-side or web-based enterprise applications.

MySQL allows us to implement database operations on tables, rows, columns, and indexes. It defines the database relationship in the form of tables (collection of rows and columns), also known as relations. It provides the Referential Integrity between rows or columns of various tables. It allows us to updates the table indexes automatically. It uses many SQL queries and combines useful information from multiple tables for the end-users.

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HTML:

HTML stands for Hypertext Markup Language. It is used to design web pages using the markup language. HTML is the combination of Hypertext and Markup language. Hypertext defines the link between the web pages and markup language defines the text document within the tag that define the structure of web pages.

HTML is used to create the structure of web pages that are displayed on the World Wide Web (www). It contains Tags and Attributes that are used to design the web pages. Also, we can link multiple pages using Hyperlinks.

CSS:

CSS (Cascading Style Sheets) is used to styles web pages. Cascading Style Sheets are fondly referred to as CSS. The reason for using this is to simplify the process of making web pages presentable. It allows you to apply styles on web pages. More importantly, it enables you to do this independently of the HTML that makes up each web page.

There are three types of CSS: Inline CSS contains the CSS property in the body section attached with the element known as inline CSS. Internal CSS ruleset should be within the HTML file in the head section i.e the CSS is embedded within the HTML file. External CSS contains a separate CSS file that contains only style property with the help of tag attributes.

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Bootstrap:

Bootstrap is a free and open-source tool collection for creating responsive websites and web applications. It is the most popular HTML, CSS, and JavaScript framework for developing responsive, mobile-first websites. Nowadays, the websites are perfect for all browsers (IE, Firefox, and Chrome) and for all sizes of screens (Desktop, Tablets, Phablets, and Phones). All thanks to Bootstrap developers – Mark Otto and Jacob Thornton of Twitter, though it was later declared to be an open-source project.

Bootstrap is Faster and Easier way for Web-Development. It creates Platform-independent web-pages. It creates Responsive Web-pages. It designs responsive web pages for mobile devices too. It is a free and open-source framework available on www.getbootstrap.com

JavaScript:

JavaScript (JS) is a light-weight object-oriented programming language which is used by several websites for scripting the webpages. It is an interpreted, full-fledged programming language that enables dynamic interactivity on websites when applied to an HTML document. It was introduced in the year 1995 for adding programs to the webpages in the Netscape Navigator browser. Since then, it has been adopted by all other graphical web browsers. With JavaScript, users can build modern web applications to interact directly without reloading the page every time. The traditional website uses js to provide several forms of interactivity and simplicity.

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IMPLEMENTATION

XAMPP:

XAMPP is one of the widely used cross-platform web servers, which helps developers to create and test their programs on a local webserver. It was developed by the Apache Friends, and its native source code can be revised or modified by the audience. It consists of Apache HTTP Server, MariaDB, and interpreter for the different programming languages like PHP and Perl. It is available in 11 languages and supported by different platforms such as the IA-32 package of Windows & x64 package of macOS and Linux.

XAMPP is an abbreviation where X stands for Cross-Platform, A stands for Apache, M stands for MYSQL, and the Ps stand for PHP and Perl, respectively. It is an open-source package of web solutions that includes Apache distribution for many servers and command-line executables along with modules such as Apache server, MariaDB, PHP, and Perl.

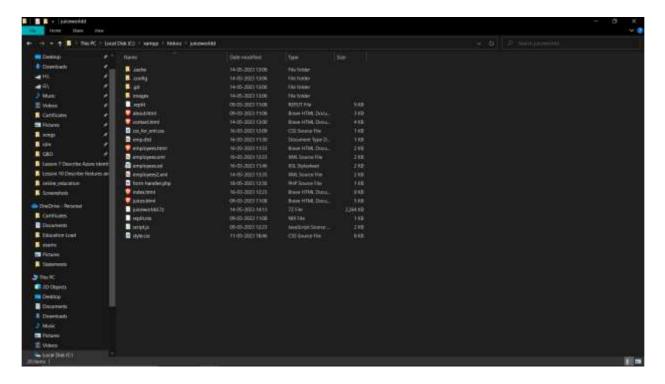
XAMPP helps a local host or server to test its website and clients via computers and laptops before releasing it to the main server. It is a platform that furnishes a suitable environment to test and verify the working of projects based on Apache, Perl, MySQL database, and PHP through the system of the host itself. Among these technologies, Perl is a programming language used for web development, PHP is a backend scripting language, and MariaDB is the most vividly used database developed by MySQL.

Steps to run the website on localhost:

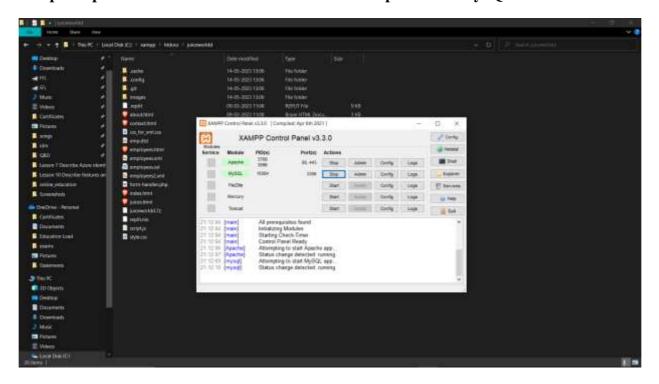
- 1. Download XAMPP on your device.
- 2. Move website related files to C:\xampp\htdocs.
- 3. Start Apache and MySQL on XAMPP
- 4. Create database on http://localhost/phpmyadmin/
- 5. Type http://localhost/ on browser and access the website.

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Step 1: Move all the website related files to C:\xampp\htdocs

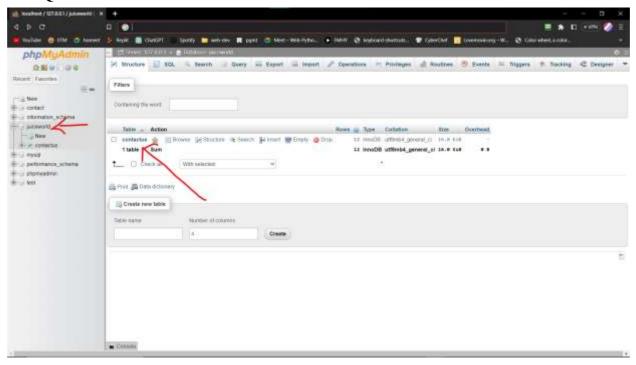


Step 2: Open the XAMPP Control Panel and start Apache and MySQL.

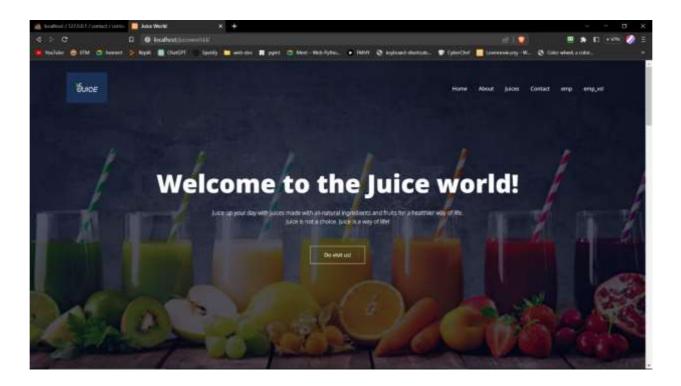


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Step 3: Create database for your website on http://localhost/phpmyadmin/ and import all the SQL files.

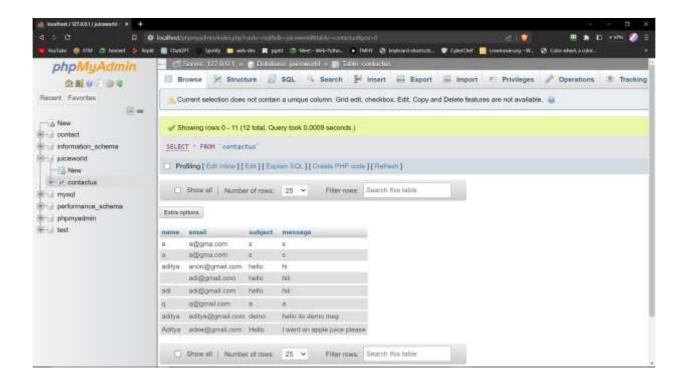


Step 4: Type http://localhost/juiceworldd on browser and access the website.



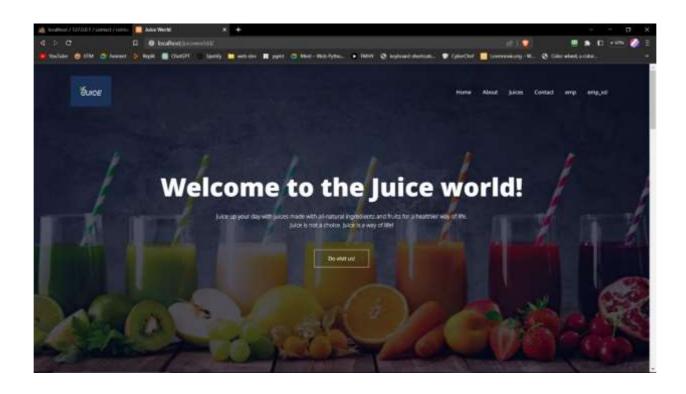
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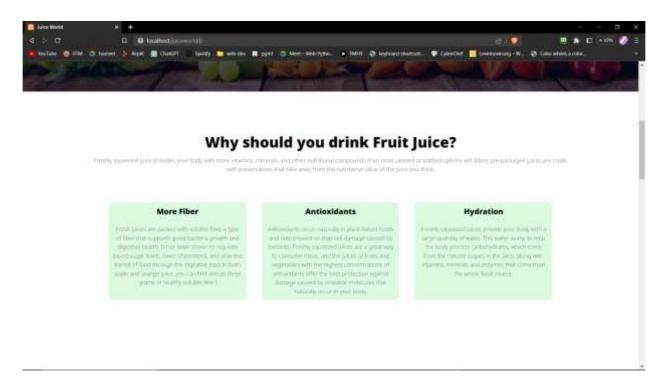
DATABASE



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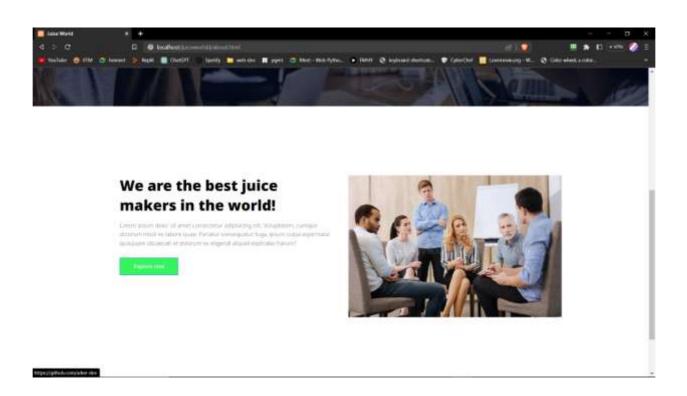
USER INRERFACE



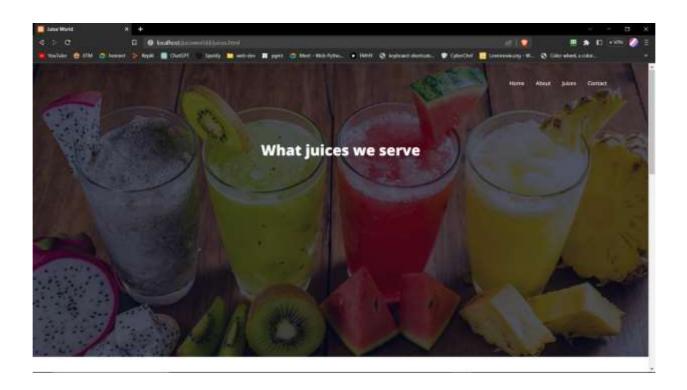


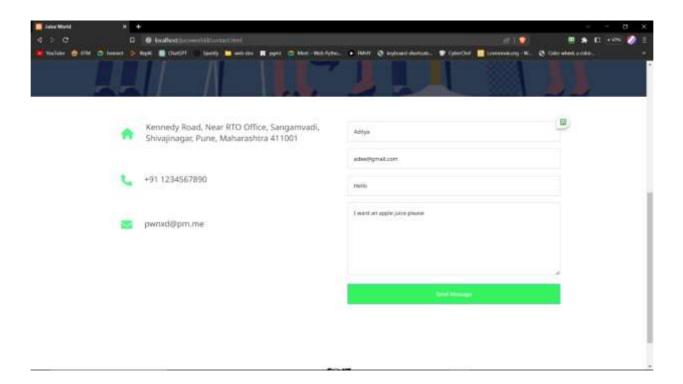
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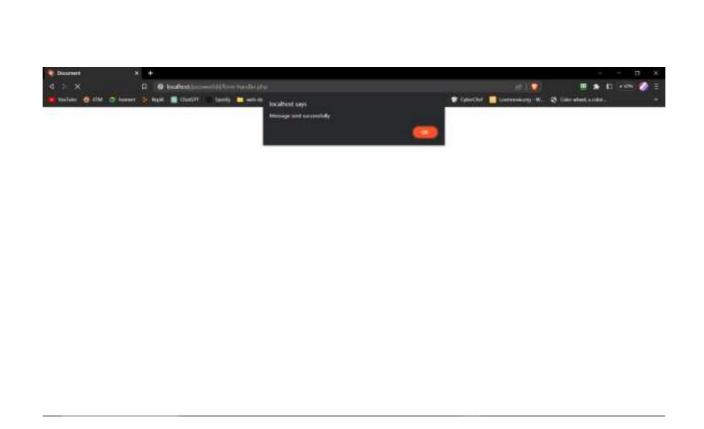


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CONCLUSION

In conclusion, Juice World is not just a website; it's a gateway to a vibrant world of natural and healthy juices. Our commitment to quality, sustainability, and customer satisfaction sets us apart. By offering a diverse range of juices, meticulously crafted for maximum nutrition, we aim to inspire individuals to embrace a healthier lifestyle. With a user-friendly interface and a wealth of information on our website, we invite visitors to explore our products, learn about the benefits of different ingredients, and embark on a journey of flavor and well-being. Whether you're a juice enthusiast, health-conscious individual, or simply seeking a refreshing beverage, Juice World is here to satisfy your thirst and nourish your body and soul. Join us and savor the essence of nature with every sip.

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