PROJECT REPORT

On

"AMAZED WITH CUISINES APP"

Department of Computer Engineering & Applications
GLA UNIVERSITY

GLA University
Mathura- 281406, INDIA
2022-2023

SUBMITTED BY:-   SUBMITTED TO:-

Ayush Sharma   (201500183)   Mr. Akash Chaudhary

Muskan Sharma   (201500420)   (Technical Trainer)

Aryan Reddy   (201500156)

Declaration

We hereby declare that the work which is being presented in the Project of "**Amazed with Cuisines App",** in partial fulfilment of the requirements for Project viva voce, is an authentic record of our own work carried by the team members under the supervision of our mentor Mr. Akash Chaudhary. Group Members:

Ayush Sharma   (201500183)

Aryan Reddy   (201500156)

Muskan Sharma   (201500420)

Course: B.Tech (Computer Science and Engineering)

Year: 3rd

Semester: 6th

Supervised By

Mr. Akash Chaudhary, Technical Trainer,

GLA University, Department of Computer Engineering & Application

Department of computer Engineering and Applications

GLA University, Mathura

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

Mathura – 281406

<u>Certificate</u>

This is to certify that the above statements made by the candidates are correct to the best of my/our knowledge and belief.

_____ Supervisor

Mr. Akash Chaudhary

Technical Trainer

Dept of CEA, GLA University

_____

_____

Project Mentor

(Mr. Akash Chaudhary)

About the Project

.

"Amazed with Cuisines" is a recipe search website that aims to provide users with an easy-to-use platform to search for recipes and explore different cuisines from around the world. The website features a vast collection of recipes ranging from traditional to modern, along with detailed instructions and images to guide users in preparing their favorite dishes. Users can search for recipes by ingredients, meal type, cuisine, and dietary requirements. The website is designed to be user-friendly and mobile responsive, allowing users to access recipes on the go. With "Amazed with Cuisines," users can discover new and exciting recipes to try at home and share their culinary adventures with others.

Motivation

The motivation behind the "Amazed with Cuisines" project is to provide a one-stop platform for recipe search and discovery. With so many different cuisines and recipe options available, it can be overwhelming for home cooks to find the right recipe for their needs. This website aims to simplify the process by providing a user-friendly platform that allows users to search for recipes based on their preferences and dietary requirements. Additionally, the website is designed to inspire users to try new and exciting recipes, helping them to expand their culinary horizons and explore new cuisines. Overall, the project aims to promote cooking at home and encourage people to explore the world of food.

Requirements

a). Software Requirements:

- Technologies Used: HTML, CSS, JavaScript, React and MongoDB
- IDE Used: Vs 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.

b). Hardware Requirements:

- Processor Required: Intel i3
- Operating System: Windows 10 onwards
- 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 an acknowledgement for all those people who have given us their heartfelt co-operation in making this project a grand success.

We extend our sincere thanks to Mr. Akash Chaudhary, Technical Trainerat "GLA University, Mathura" for providing his valuable guidance at every stage of this project work. We are profoundly grateful towards the unmatched services rendered by him. 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.

Amazed with Cuisines App

Abstract

Amazed with cuisines is a recipe search website that aims to inspire users to explore of cultures and cuisines from around the world. With a vast collection of recipes, users can search for dishes based on ingredients, cooking time, and difficulty level. The website's intuitive design allows users to easily navigate and discover new recipes, making it a go-to platform for food enthusiasts looking to try something new. The website is a great resource for anyone who wants to learn more about different cuisines and experiment with new flavors in their

Contents

Introduction

At "Amazed with cuisines", we understand the importance of respecting our users' preferences and providing them with a responsive interface that caters to their needs. Our website is designed to inspire users to explore different food cultures and cuisines, with a vast collection of recipes that can be searched based on various criteria. We aim to create a positive user experience by making it easy for users to navigate the site and find the recipes they are looking for. Additionally, we value user feedback and continuously strive to improve the site based on their needs. By putting the user first and listening to their input, we hope to build a strong relationship with our users and establish ourselves as a reliable resource for anyone looking to explore new flavors and dishes .

HTML

HTML stands for **Hyper Text Markup Language**, which is the most widely used language on Web to develop web pages. **HTML** was created by Berners-Lee in late 1991 but "HTML 2.0" was the first standard HTML specification which was published in 1995. HTML 4.01 was a major version of HTML and it was published in late 1999. Though HTML 4.01 version is widely used but currently we are having HTML-5 version which is an extension to HTML 4.01, and this version was published in 2012.

It is used for:

- Web development (server-side),
- Software development.

Here are some of the most common uses for HTML:

- **Web pages development** - HTML is used to create pages which are rendered over the web. Almost every page of web is having html tags in it to render its details in browser.

- **Internet Navigation** - HTML provides tags which are used to navigate from one page to another and is heavily used in internet navigation.

- **Responsive UI** - HTML pages now-a-days works well on all platform, mobile, tabs, desktop or laptops owing to responsive design strategy.

- **Offline support** HTML pages once loaded can be made available offline on the machine without any need of internet.

- **Game development**- HTML5 has native support for rich experience and is now useful in gaming developent arena as well.

CSS

CSS is used to control the style of a web document in a simple and easy way.

CSS is the acronym for **"Cascading Style Sheet"**. This tutorial covers both the versions CSS1,CSS2 and CSS3, and gives a complete understanding of CSS, starting from its basics to advanced concepts.

Applications of CSS

- **CSS saves time** - You can write CSS once and then reuse same sheet in multiple HTML pages. You can define a style for each HTML element and apply it to as many Web pages as you want.

- **Pages load faster** - If you are using CSS, you do not need to write HTML tag attributes every time. Just write one CSS rule of a tag and apply it to all the occurrences of that tag. So less code means faster download times.

- **Easy maintenance** - To make a global change, simply change the style, and all elements in all the web pages will be updated automatically.

- **Superior styles to HTML** - CSS has a much wider array of attributes than HTML, so you can give a far better look to your HTML page in comparison to HTML attributes.

- **Multiple Device Compatibility** - Style sheets allow content to be optimized for more than one type of device. By using the same HTML document, different versions of a website can be presented for handheld devices such as PDAs and cell phones or for printing.

- **Global web standards** - Now HTML attributes are being deprecated and it is being recommended to use CSS. So its a good idea to start using CSS in all the HTML pages to make them compatible to future browsers.

JavaScript:-

JavaScript is a lightweight, interpreted **programming** language. It is designed for creating network-centric applications. It is complimentary to and integrated with Java. **JavaScript** is very easy to implement because it is integrated with HTML. It is open and cross-platform.

.

JavaScript is the most popular **programming language** in the world and that makes it a programmer's great choice. Once you learnt Javascript, it helps you developing great front-end as

well as back-end softwares using different Javascript based frameworks like jQuery, Node.JS etc

Applications of Javascript Programming:-

- **Client side validation** - This is really important to verify any user input before submitting it to the server and Javascript plays an important role in validting those inputs at front-end itself.

- **Manipulating HTML Pages** - Javascript helps in manipulating HTML page on the fly. This helps in adding and deleting any HTML tag very easily using javascript and modify your HTML to change its look and feel based on different devices and requirements.

- **User Notifications** - You can use Javascript to raise dynamic pop-ups on the webpages to give different types of notifications to your website visitors.

- **Back-end Data Loading** - Javascript provides Ajax library which helps in loading back-end data while you are doing some other processing. This really gives an amazing experience to your website visitors.

- **Presentations** - JavaScript also provides the facility of creating presentations which gives website look and feel. JavaScript provides RevealJS and BespokeJS libraries to build a web-based slide presentations.

- **Server Applications** - Node JS is built on Chrome's Javascript runtime for building fast and scalable network applications. This is an event based library which helps in developing very sophisticated server applications including Web Servers.

React:-

The **React**. Js framework is an open-source JavaScript framework and library developed by Facebook. It's used for building interactive user interfaces and web applications quickly and efficiently with significantly less code than you would with vanilla JavaScript.

Applications:-

1- Creation of Dynamic web applications is easier.
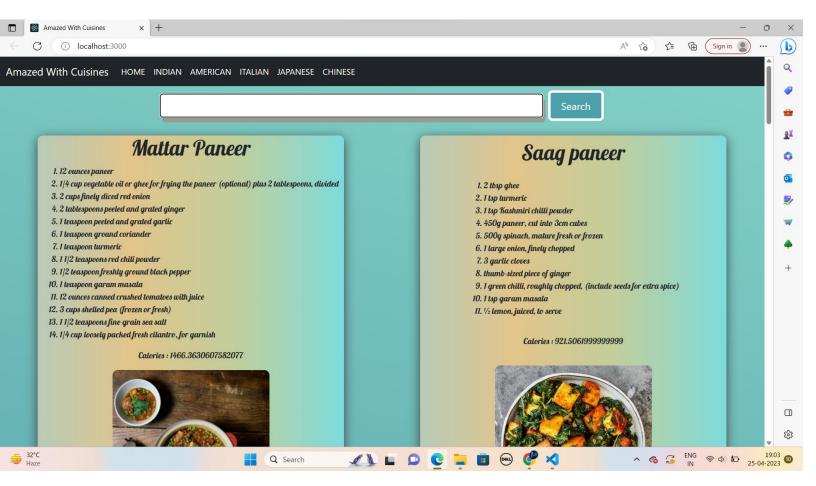
2- PayPal

3- Reddit

4- Netflix

List of Figures

1. HTML Code:-

2. CSS Code

```css
.App{
  min-height: 100vh;
  background-image: linear-gradient(15deg, #13547a 0%, #80d0c7 100%);
  }
  .search-form{
  min-height: 10vh;
  display: flex;
  justify-content: center;
  align-items: center;
  }
  .search-bar{
  width: 50%;
  border:none;
  padding: 10px;
  border-radius: 5px;
  box-shadow: 5px 10px #979b91;
  }
  .search-button{
  background: #4da1ab;
  border: 5px solid white;
  border-radius: 8px;
  padding: 10px 20px;
  color: white;
  font-size: larger;
  margin: 0 0 0 10px;
  }
  .search-button:hover {
  background-color:#fa709a ;
  }
  .recipes{
  display: flex;
  justify-content: space-around;
  flex-wrap: wrap;
  }
```
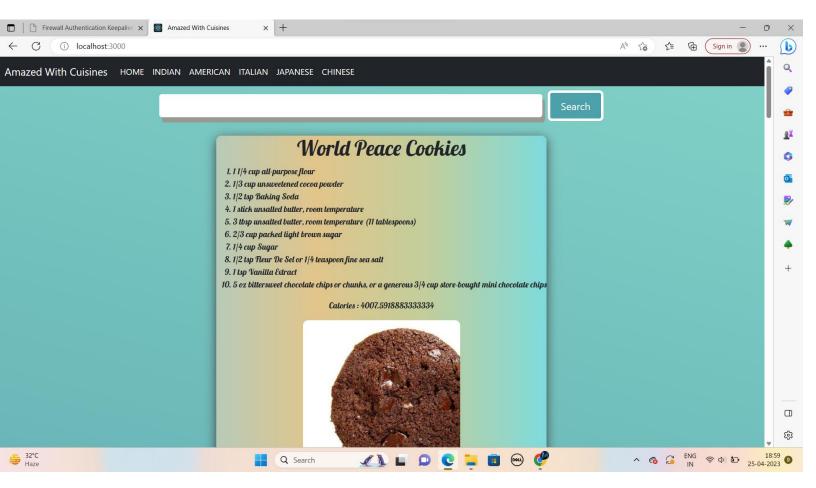
3- JavaScript Code

```js
src > JS App.js > ...
 1    import React from 'react'
 2    import './App.css';
 3    import {BrowserRouter as Router , Switch ,Route} from "react-router-dom"
 4    import Navbar from './component/Navbar';
 5    import Footer from './component/Footer';
 6    import Cuisine from './component/Cuisine';
 7
 8    const App = () => {
 9
10
11    return (
12      <>
13      <Router>
14      <Navbar/>
15
16      <Switch>
17        <Route exact path="/"><Cuisine key="general" typo="world"/></Route>
18        <Route exact path="/indian"><Cuisine key="indian" typo="indian" /></Route>
19        <Route exact path="/american"><Cuisine key="american" typo="american" /></Route>
20        <Route exact path="/japanese"><Cuisine key="japanese" typo="japanese" /></Route>
21        <Route exact path="/italian"><Cuisine key="italian" typo="italian" /></Route>
22        <Route exact path="/chinese"><Cuisine key="chinese"  typo="chinese" /></Route>
23      </Switch>
24      <Footer/>
25      </Router>
26      </>
27    );
28    }
29
30    export default App;
31
```

Result

Result

<u>Conclusion</u>

We have completed our project within time limit with the coordination of our team members under the supervision of our mentor Mr. Akash Chaudhary.

<u>Bibliography</u>

www.google.com

www.geeksforgeeks.org

www.youtube.com