

PROJECT ON WEB DESIGNING REPORT FILE

SUBMITTED TO:

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SUBMITTED BY:

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PROGRAM:

B. Tech Computer Science and Engineering

SECTION:

B

GU-ID:

Gu-2023-3461

**Acknowledgement**

I extend my sincere gratitude to everyone who supported and guided me throughout the development of this web project. Special thanks to my mentors for their valuable insights, which significantly shaped the project's direction and outcome. I also thank my family for their unwavering support and understanding, which provided the necessary motivation to persevere. This project would not have been possible without the collaborative efforts and contributions of these individuals. Their guidance and encouragement have been a source of inspiration and have played a pivotal role in the project's success. I am deeply grateful for the opportunity to learn and grow with the help of such a supportive network.

Additionally, I would like to acknowledge the contributions of the online community, whose tutorials, forums, and documentation provided invaluable assistance during challenging moments. These resources offered crucial information and troubleshooting tips that helped me overcome various obstacles. I am also thankful for the access to development tools and software that facilitated the project's implementation. The availability of such robust tools made it possible to bring my ideas to life efficiently and effectively.

Moreover, I appreciate the encouragement from my instructors and the academic institution, which provided a conducive environment for innovation and learning. Their support in providing access to resources and knowledge has been instrumental in the project's completion. Lastly, I extend my gratitude to everyone who reviewed my work and provided feedback, helping me to continuously improve and deliver a high-quality project. This acknowledgment reflects my appreciation for all the direct and indirect contributions that made this project a reality.

**Candidates Declaration**

I Jai Dev Bagga , hereby declare that this web development project is the result of my independent and original work. I affirm that I have not received any external guidance or support from a teacher or instructor. The conceptualization, development, and execution of this project were solely managed by me. This project represents a significant learning experience, through which I have enhanced my skills and knowledge in web development. I am proud of the outcomes achieved and remain dedicated to furthering my expertise in this field.

I understand and uphold the principles of academic integrity and affirm that this project adheres to these principles. I appreciate the opportunity to present this work as a testament to my hard work and dedication. This project has reinforced my problem-solving skills, creativity, and technical proficiency. I have gained invaluable experience in designing, coding, and troubleshooting, which has been instrumental in my growth as a web developer.

As I continue my academic journey, I am committed to applying these skills to future projects and endeavors, striving for excellence in all my work. This project has not only solidified my technical abilities but also taught me the importance of perseverance, attention to detail, and continuous learning. I am confident that the knowledge and experience gained from this project will significantly contribute to my professional development.

Furthermore, I acknowledge that this project was an opportunity to explore and implement modern web development practices and technologies. I have adhered to best practices and industry standards throughout the development process to ensure the project's quality and functionality. I am grateful for this enriching experience and look forward to leveraging these skills in my future academic and professional pursuits.

Candidate Credentials:

Name: Jai Dev Bagga

Course: B. Tech CSE

GU-ID: Gu-2023-3461

**Abstract: Starbucks Clone Website**

**HTML5 (Hypertext Markup Language):**

Structure and Semantics: HTML5 forms the backbone of web content. It provides a structured way to organize information, defining headings, paragraphs, lists, and links.

**Responsive Design:** HTML5 enables responsiveness. By using media queries and responsive design principles, we ensure that the Starbucks clone website adapts seamlessly to various devices—be it desktops, tablets, or mobile phones. Users can explore shoes comfortably, regardless of their screen size.

**Forms and Interaction:** HTML5 forms allow users to search for specific shoe models, filter results, and even submit inquiries. The search bar, filters, and contact forms on Starbucks clone rely on HTML5 elements.

CSS (Cascading Style Sheets):

**Visual Appeal:** CSS brings aesthetics to the forefront. By styling HTML elements, we create a visually appealing interface. Starbucks clone’s elegant fonts, color schemes, and layout are all defined using CSS rules.

**Layout and Positioning:** CSS flexbox and grid systems help arrange shoe cards, category banners, and navigation menus. We position elements precisely, ensuring a harmonious design.

**Responsive Styling:** Media queries in CSS allow us to adjust styles based on screen size. For instance, Starbucks clone’s navigation menu might collapse into a hamburger icon on smaller screens.

Animations and Transitions: CSS animations enhance user experience. When a user hovers over a shoe card, subtle animations (like zooming or fading) provide feedback. Transitions make page transitions smoother.

**Synergy Between HTML and CSS:** Semantic Markup + Styling: The combination of HTML5’s semantic markup and CSS styling results in a cohesive user experience. Starbucks clone’s clean, organized layout owes its elegance to this synergy. Maintainability:

In summary, HTML5 and CSS work hand in hand to create a visually appealing, responsive, and user-friendly Starbucks clone website. Their collaboration ensures that users find their dream shoes effortlessly within the digital walls of Starbucks clone.

**TECHNOLOGY USED : HTML 5**

**Improved Semantics:** HTML5 introduces new semantic elements such as <article>, <section>, <header>, <footer>, <aside>, and <nav>. These elements provide better structure and meaning to the web content.

**Enhanced Multimedia Support :**Native support for audio and video with the <audio> and <video> tags, eliminating the need for third-party plugins like Flash.

**Canvas Element :** The <canvas> element allows for dynamic, scriptable rendering of 2D shapes and bitmap images. This is useful for creating graphics, games, and other visual elements.

**Geolocation API :** HTML5 provides a geolocation API that enables web applications to access the user's geographical location, which can be used for location-based services.

**Offline Storage :** HTML5 includes several offline storage options like Web Storage (localStorage and sessionStorage) and IndexedDB, which allow web applications to store data on the client-side, enabling offline functionality.

**Improved Forms :** HTML5 enhances forms with new input types (e.g., date, email, url, range, search, number, tel), new attributes (e.g., placeholder, autofocus, required), and new form elements (e.g., <datalist>, <output>).

**Responsive Design :** HTML5 supports responsive web design with features like the <meta> viewport element, media queries, and flexible grid layouts, enabling websites to adapt to different screen sizes and devices.

**Web Workers :** Web Workers provide a way to run scripts in background threads, allowing for concurrent execution of code and improving performance for tasks like data processing and complex calculations.

**WebSockets :** HTML5 introduces the WebSocket API, which allows for real-time, bidirectional communication between the client and server, useful for applications like chat and live updates.

**Microdata :** HTML5 supports microdata, a way to nest metadata within existing content on web pages using the itemscope and itemprop attributes, enhancing search engine optimization and enabling rich snippets in search results.

These features collectively make HTML5 a powerful and flexible technology for building modern web applications.

**TECHNOLOGY USED : CSS**

**Selectors** : box model in CSS defines how elements are displayed and includes properties for margin, border, padding, and content area, allowing precise control over spacing and layout.

**Flexbox:**The Flexible Box Layout (display: flex) module provides a more efficient way to lay out, align, and distribute space among items in a container, even when their size is unknown or dynamic.

**Grid Layout:**CSS Grid Layout (display: grid) offers a two-dimensional grid-based layout system that allows for the creation of complex and responsive layouts with ease.

**Responsive Design :** Media queries in CSS enable responsive design by applying different styles based on the viewport size, orientation, resolution, and other characteristics of the device.

**Animations and Transitions:** CSS allows for animations (@keyframes) and transitions (transition property) to animate changes to CSS properties, enhancing the interactivity and visual appeal of web pages.

**Custom Properties (CSS Variables):**CSS custom properties (variables) allow for the reuse of values throughout a stylesheet, making it easier to manage and maintain styles (--variable-name and var(--variable-name)).

**Typography Control:**CSS provides extensive typography controls including font-family, font-size, font-weight, line-height, letter-spacing, text-align, text-transform, and more, allowing for precise text styling.

**Positioning:**CSS offers various positioning schemes such as static, relative, absolute, fixed, and sticky positioning, enabling the creation of complex layouts and designs.

**Pseudo-Classes and Pseudo-Elements:**Pseudo-classes (:hover, :active, :nth-child, etc.) and pseudo-elements (::before, ::after, ::first-letter, etc.) provide additional ways to style elements based on their state or content.

These features collectively make CSS a powerful tool for designing and enhancing the appearance of web pages, enabling developers to create visually appealing and responsive web designs.

**Coding : The Starbucks clone website**

**HTML 5**

<!DOCTYPE html>

<html lang="en">

    <head>

        <meta charset="UTF-8">

        <link rel="icon" href="https://cdn.freebiesupply.com/images/large/2x/starbucks-logo-png-transparent.png" />

        <meta name="viewport" content="width=device-width, initial-scale=1" />

        <meta name="description" content="starbucks frontend clone "/>

        <title>Starbucks Coffee - clone</title>

        <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.15.3/css/all.css" integrity="sha384-SZXxX4whJ79/gErwcOYf+zWLeJdY/qpuqC4cAa9rOGUstPomtqpuNWT9wdPEn2fk" crossorigin="anonymous">

        <link rel="stylesheet" href="./packages/css/style.css">

        <link rel="stylesheet" href="./packages/css/main.css">

    </head>

    <body>

        <header>

            <div class="header-container">

                <div class="left-nav">

                    <div class="logo">

                        <img src="https://upload.wikimedia.org/wikipedia/en/thumb/d/d3/Starbucks\_Corporation\_Logo\_2011.svg/1200px-Starbucks\_Corporation\_Logo\_2011.svg.png" >

                    </div>

                    <nav>

                        <ul>

                            <li>Menu</li>

                            <li>Rewards</li>

                            <li>Gift Cards</li>

                        </ul>

                    </nav>

                </div>

                <div class="right-nav">

                    <div class="find-store">

                        <i class="fas fa-map-marker-alt"></i>

                        <span>Find a store</span>

                    </div>

                    <div class="sign-in">

                        Sign in

                    </div>

                    <div class="join-now">

                        Join now

                    </div>

                </div>

            </div>

        </header>

        <main>

            <div class="main-container">

                <section class="announcements">

                    <span>

                        Facial coverings are now optional in our stores for our fully vaccinated customers, following CDC guidance, except where local regulations require it by law.

                        <a href="#">Learn more</a>

                    </span>

                </section>

                <section class="rewards left-right-section" id="promo1-text">

                    <div class="text" id="promo1">

                        <h1>ORDER COFFEE WIN PRIZES</h1>

                        <h3>Your qualifying purchases have been earning you plays. Play the Summer Game for a chance to win cool prizes.\*</h3>

                        <div class="cta" id="promo1-btn">

                            Play now

                        </div>

                    </div>

                    <div class="image" id="promo1-img">

                        <img src="https://content-prod-live.cert.starbucks.com/binary/v2/asset/137-72796.jpg" >

                    </div>

                </section>

                <section class="rewards left-right-section">

                    <div class="text">

                        <h1>FREE COFFEE IS A TAP AWAY</h1>

                        <h3>Join now to start earning Rewards.\*</h3>

                        <div class="cta">

                            Join now

                        </div>

                    </div>

                    <div class="image">

                        <img src="https://content-prod-live.cert.starbucks.com/binary/v2/asset/137-71056.png" >

                    </div>

                </section>

                <section class="chill left-right-section">

                    <div class="image">

                        <img src="https://content-prod-live.cert.starbucks.com/binary/v2/asset/137-72801.jpg" >

                    </div>

                    <div class="text" id="poster1">

                        <h2>100% of U.S. stores now donate food</h2>

                        <h3>We’re proud to announce that all of our U.S. company-owned stores now donate nourishing food to local food banks through our FoodShare program.</h3>

                        <div class="cta">

                            Learn more

                        </div>

                    </div>

                </section>

                <section class="chill left-right-section">

                    <div class="image">

                        <img src="https://content-prod-live.cert.starbucks.com/binary/v2/asset/137-72037.jpg" >

                    </div>

                    <div class="text">

                        <h1>DELIGHTFULLY CHILL</h1>

                        <h3>Refresh your day with the bright, tropical flavors of our Star Drink and Kiwi Starfruit Starbucks Refreshers® beverage.</h3>

                        <div class="cta">

                            Order iced beverage

                        </div>

                    </div>

                </section>

                <section>

                    <div class="top-bottom-section">

                        <div class="section-container">

                            <div class="image">

                                <img src="https://content-prod-live.cert.starbucks.com/binary/v2/asset/137-70203.jpg" >

                            </div>

                            <div class="text">

                                <h1>Order and pick up. Easy as that.</h1>

                                <h3>Just open the app, order your favorites, and enjoy contactless pay. From there, choose whichever pickup method is best for you.</h3>

                                <div class="cta-container">

                                    <div class="cta">

                                        See pickup options

                                    </div>

                                </div>

                            </div>

                        </div>

                    </div>

                    <div class="top-bottom-section">

                        <div class="section-container">

                            <div class="image">

                                <img src="https://content-prod-live.cert.starbucks.com/binary/v2/asset/137-72045.jpg" >

                            </div>

                            <div class="text">

                                <h1>Floating into summer like…</h1>

                                <h3>Keep the laid-back vibes going. Order Starbucks drinks on Uber Eats.\*\*</h3>

                                <div class="cta-container">

                                    <div class="cta">

                                        Order now

                                    </div>

                                </div>

                            </div>

                        </div>

                    </div>

                </section>

                <section class="chill left-right-section">

                    <div class="text">

                        <h2>Back to school? You’ve got this!</h2>

                        <h3>Good luck to our partners (employees) going back to school through the Starbucks College Achievement Plan, with 100% tuition coverage at ASU Online.</h3>

                        <div class="cta">

                            Learn more

                        </div>

                    </div>

                    <div class="image">

                        <img src="https://content-prod-live.cert.starbucks.com/binary/v2/asset/137-72800.jpg" >

                    </div>

                </section>

                <section class="des">

                    <div class="small-des">

                        <p>\*NO PURCHASE NECESSARY. Participating stores only. Ends 8/22/21. To play and for Official Rules,</p>

                        <p>visit <a href="https://www.starbuckssummergame.com/?utm\_medium=website&utm\_source=starbucks&utm\_campaign=sum21\_20210721&utm\_content=homepage#/landing">starbuckssummergame.com</a>.</p>

                    </div>

                </section>

            </div>

        </main>

        <footer>

            <div class="footer-container">

                <div class="links-container">

                    <h3>About Us</h3>

                    <ul>

                        <li>Our Heritage</li>

                        <li>Our Coffee</li>

                        <li>Stories and News</li>

                        <li>Investor Ralations</li>

                        <li>Policies and Standards</li>

                    </ul>

                </div>

                <div class="links-container">

                    <h3>Careers</h3>

                    <ul>

                        <li>Culture and values</li>

                        <li>Inclusion, Diversity and Equity</li>

                        <li>College Achievement Plan</li>

                        <li>U.S. Careers</li>

                        <li>International Careers</li>

                    </ul>

                </div>

                <div class="links-container">

                    <h3>Social Impact</h1>

                    <ul>

                        <li>Ethical Sourcing</li>

                        <li>Leading in Sustainability</li>

                        <li>Strengthening Communities</li>

                        <li>Creating Opportunities</li>

                        <li>Global Social Impact Report</li>

                    </ul>

                </div>

                <div class="links-container">

                    <h3>For Business Partners</h3>

                    <ul>

                        <li>Landlord Support Center</li>

                        <li>Suppliers</li>

                        <li>Corporate Gift Card Sales</li>

                        <li>Office and Foodservice Coffee</li>

                    </ul>

                </div>

                    <div class="links-container">

                    <h3>For Businss Partners</h3>

                    <ul>

                    <li>Order on the App</li>

                    <li>Order on the Web</li>

                    <li>Delivery</li>

                    <li>Order and Pickup Options</li>

                    <li>Explore and Find Coffee for Home</li>

                    </ul>

                    </div>

            </div>

            <div class="footer-below">

                <div class="social">

                    <i class="social-icon fab fa-spotify"></i>

                    <i class="social-icon fab fa-facebook"></i>

                    <i class="social-icon fab fa-pinterest"></i>

                    <i class="social-icon fab fa-instagram"></i>

                    <i class="social-icon fab fa-youtube"></i>

                    <i class="social-icon fab fa-twitter"></i>

                </div>

                <div class="policy">

                    <a class="po" href="#">Privacy Policy</a>

                    <p class="po">|</p>

                    <a class="po" href="#">Terms of Use</a>

                    <p class="po">|</p>

                    <a class="po" href="#">CA Supply Chain Act </a>

                    <p class="po">|</p>

                    <a class="po" href="#">Submit Your Idea </a>

                </div>

                <div class="final">

                    <p>© 2021 Starbucks-clone Coffee Company. All rights reserved.</p>

                </div>

            </div>

        </footer>

    </body>

</html>

**CSS Styling:**

.main-container {

  max-width: 1440px;

  margin: 0 auto;

}

.announcements {

  margin-bottom: 32px;

  display: flex;

  justify-content: center;

  background-color: #d8e8e3;

}

.announcements span {

  padding-top: 2.2rem;

  padding-bottom: 2.2rem;

  max-width: 60%;

  text-align: center;

  font-size: 19px;

  line-height: 1.75;

  font-weight: 500;

}

.left-right-section {

  display: flex;

  margin-bottom: 32px;

}

.left-right-section .text {

  width: 50%;

  color: #1e3932;

  padding: 32px 48px;

  display: flex;

  flex-direction: column;

  justify-content: center;

  align-items: center;

  background-color: #f1f8f6;

}

.left-right-section .image {

  width: 50%;

  display: flex;

}

.left-right-section .image img {

  width: 100%;

}

#promo1-img {

  width: 50%;

}

#promo1 {

  background-color: #1e3932;

  color: whitesmoke;

}

#promo1-btn {

  color: whitesmoke;

}

.text h1,

.text h3 {

  margin: 0;

  font-weight: 400;

}

.text h1 {

  margin-bottom: 24px;

  text-align: center;

}

.text h3 {

  margin-bottom: 32px;

  font-size: 19px;

  text-align: center;

}

.text .cta {

  padding: 7px 16px;

  border: 1px solid;

  border-radius: 50px;

  color: #1e3932;

  font-weight: 600;

  cursor: pointer;

  transition: all 0.2s ease;

}

#poster1 {

  background-color: #1d3932;

  color: whitesmoke;

}

.text .cta:hover {

  padding: 7px 32px;

  background-color: rgba(30, 57, 50, 0.1);

}

.chill .text {

  background-color: #f2f0eb;

}

.chill .text h1 {

  font-weight: 700;

  line-height: 1.2;

  font-size: 50px;

  letter-spacing: 8px;

}

.chill .text h3 {

  font-size: 24px;

  line-height: 1.5;

}

section {

  display: flex;

}

.top-bottom-section {

  width: 50%;

}

.section-container {

  display: flex;

  flex-direction: column;

}

.top-bottom-section .image {

  width: 100%;

}

.top-bottom-section .image img {

  width: 100%;

}

.top-bottom-section .text {

  display: flex;

  flex-direction: column;

}

.cta-container {

  display: flex;

  align-items: center;

  justify-content: center;

}

.top-bottom-section:first-child .section-container {

  margin-right: 16px;

}

.top-bottom-section:last-child .section-container {

  margin-left: 16px;

}

.top-bottom-section .image {

  display: flex;

}

.top-bottom-section .text {

  background-color: #d4e9e2;

  padding-left: 24px;

  padding-right: 24px;

  padding-bottom: 32px;

  padding-top: 16px;

  color: #1e3932;

  flex-grow: 1;

  font-size: 16px;

}

.top-bottom-section .text h1 {

  font-size: 24px;

  font-weight: 400;

  margin-bottom: 24px;

}

.top-bottom-section .text h3 {

  font-size: 19px;

  line-height: 1.75;

}

.top-bottom-section {

  display: flex;

  margin-bottom: 32px;

}

.des {

  display: flex;

  justify-content: center;

  margin-bottom: 20px;

}

.small-des {

  display: flex;

  line-height: 0;

  flex-direction: column;

  justify-content: center;

  align-items: center;

  text-align: justify;

}

/\* -------------footer------------ \*/

footer {

  padding: 24px 0;

  box-shadow: 0 -1px 3px rgb(0 0 0 / 10%), 0 -2px 2px rgb(0 0 0 / 6%),

    0 0 2px rgb(0 0 0 / 7%);

}

.footer-container {

  padding: 0 40px;

  display: flex;

  max-width: 1440px;

  margin: 0 auto;

  justify-content: center;

}

.footer-container ul {

  list-style-type: none;

  margin: 0;

  padding: 0;

}

.footer-container ul li {

  color: rgba(0, 0, 0, 0.56);

  padding-top: 0.8rem;

  padding-bottom: 0.8rem;

  margin-bottom: 0.8rem;

  cursor: pointer;

}

.footer-container ul li:hover {

  color: rgba(0, 0, 0, 0.87);

}

.links-container {

  width: 190px;

  margin-right: 70px;

}

footer h3 {

  font-weight: 400;

  margin-bottom: 24px;

}

.footer-below {

  margin-left: 40px;

  margin-right: 40px;

  border-top: 2px solid rgba(0, 0, 0, 0.1);

}

.social {

  display: flex;

  align-items: center;

}

.social-icon {

  font-size: 30px;

  margin-top: 40px;

  margin-right: 20px;

}

.policy {

  margin-top: 20px;

  display: flex;

  align-items: center;

}

.po {

  margin-right: 20px;

  text-decoration: none;

}

.policy a:hover {

  text-decoration: underline;

}

.final {

  font-size: small;

  color: #acacac;

}

**OUTPUT: The Starbucks clone website**











 