

# Front End Development Project - Design of a Burguer Shop

IBM SkillsBuild





# Introduction

---

"Welcome to the delicious world of burgers! Get ready to indulge in mouthwatering creations at your fingertips. From classic cheeseburgers to gourmet delights, our app brings you the ultimate burger experience. As a front-end developer, I am excited to bring this digital journey to life and create seamless interactions that enhance your burger cravings. Collaborating with IBM has been an incredible opportunity to craft innovative solutions that satisfy both hunger and technology. So, let's embark on this savory adventure together!"

# Understanding User Experience

---



"Welcome to our burger shop's responsive website app! As we embark on this culinary journey together, it's important to understand the magic behind the scenes. User Experience (UX) and User Interface (UI) are the secret ingredients that shape your interaction with our app. UX ensures every step is smooth and intuitive, while UI focuses on making things visually appealing. As the front-end developer, I'm excited to collaborate with IBM to bring you a delightful blend of UX and UI. This partnership guarantees a seamless and enjoyable experience as you explore our mouthwatering burger offerings. Let's dig in and savor both the flavors and the technology!"

# Designing for Mobile Devices

---

"Step into a world of delicious possibilities, right at your fingertips. Our burger shop's responsive website app isn't just about taste - it's about convenience too. Whether you're on a smartphone, tablet, or desktop, our design adapts seamlessly to your device. No matter where you are or what you're using, you'll experience the same delectable journey through our menu and offerings. So go ahead, savor the flavors on any screen size, because your burger adventure is just a tap away!".



# Optimizing Website Speed

---

"Indulge in a swift and satisfying online experience with our burger shop's website app. We understand the importance of speed, which is why we've harnessed the power of cutting-edge tools like Bootstrap and Sass to ensure that every click is a breeze. Our commitment to providing you with the best doesn't stop there – we've partnered with top-notch servers like Netlify to guarantee lightning-fast loading times. From the moment you land on our site to the second you place your order, your journey will be as smooth as your favorite milkshake. Welcome to a world where speed and flavor collide!"

# Accessibility and Inclusivity

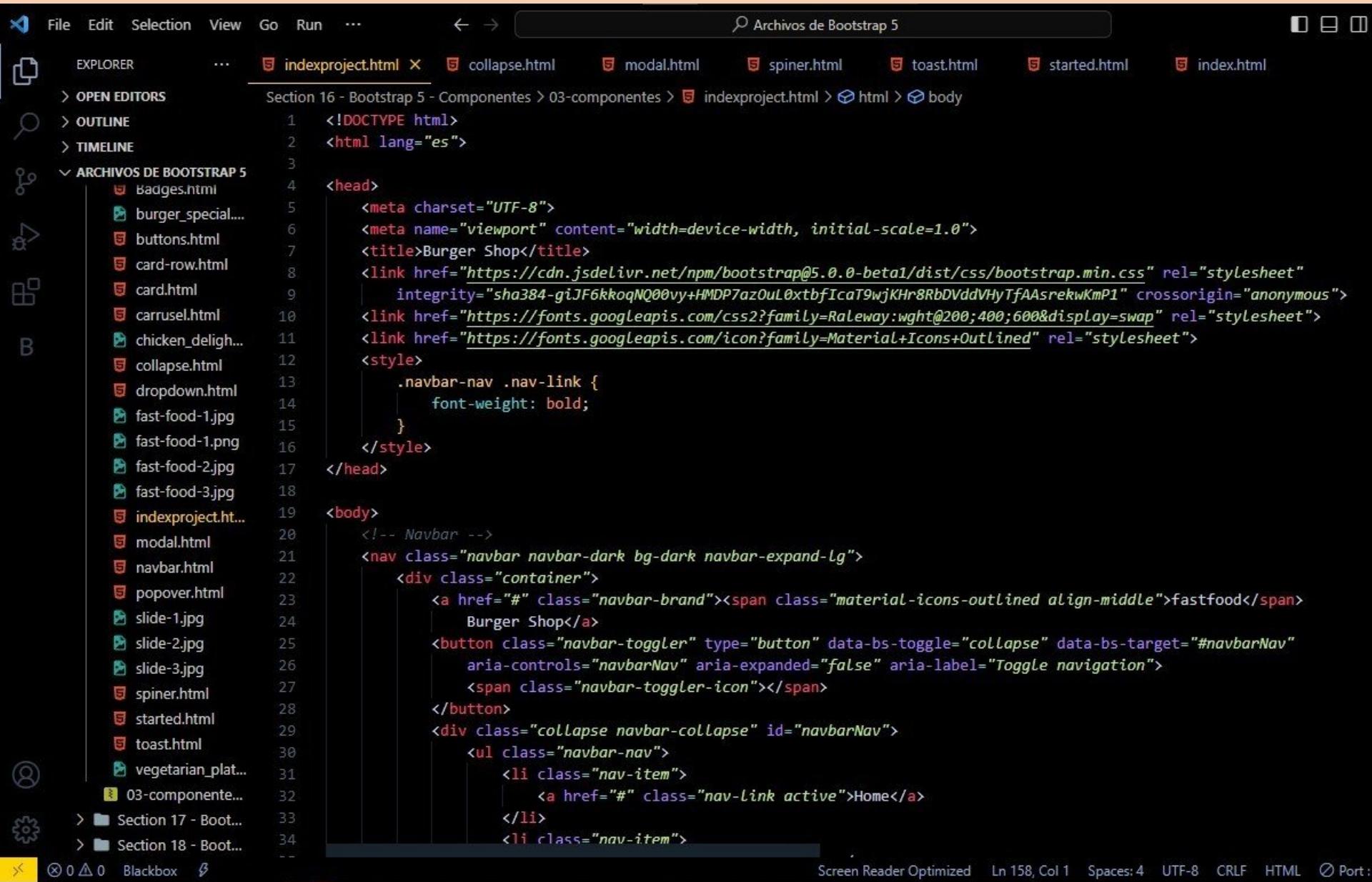
---

Accessibility and inclusivity are essential for providing a seamless user experience for all users, regardless of their abilities.

Websites should be designed with accessibility features such as screen readers, keyboard navigation, and color contrast. This ensures that the website is usable by everyone.



# Implementing Bootstrap 5

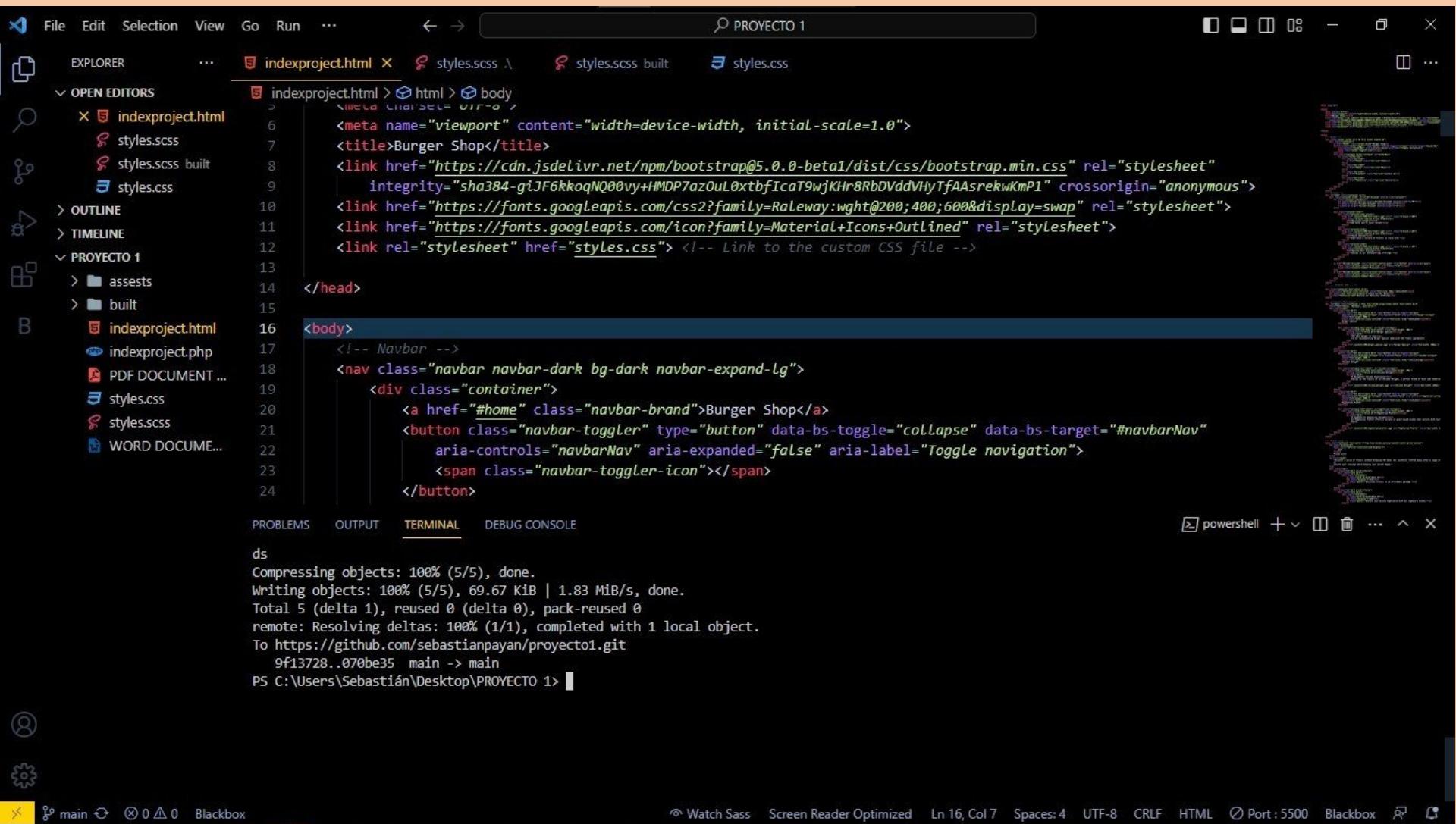


A screenshot of a code editor window titled "Archivos de Bootstrap 5". The editor shows an HTML file named "indexproject.html". The code includes Bootstrap's CSS imports and a basic Navbar component. The sidebar on the left lists other files and components like Badges, burger\_special..., buttons.html, card-row.html, card.html, carrusel.html, chicken\_deligh..., collapse.html, dropdown.html, fast-food-1.jpg, fast-food-1.png, fast-food-2.jpg, fast-food-3.jpg, indexproject.html, modal.html, navbar.html, popover.html, slide-1.jpg, slide-2.jpg, slide-3.jpg, spinner.html, started.html, toast.html, and vegetarian\_plat... . The status bar at the bottom indicates "Screen Reader Optimized" and "Ln 158, Col 1".

```
<!DOCTYPE html>
<html lang="es">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Burger Shop</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta1/dist/css/bootstrap.min.css" rel="stylesheet"
        integrity="sha384-giJF6kkoqNQ00vy+HMDP7az0uL0xtbfIcaT9wjkHr8RbDvddVHyTfAAsrekwKmP1" crossorigin="anonymous">
    <link href="https://fonts.googleapis.com/css2?family=Raleway:wght@200;400&display=swap" rel="stylesheet">
    <link href="https://fonts.googleapis.com/icon?family=Material+Icons+Outlined" rel="stylesheet">
    <style>
        .navbar-nav .nav-link {
            font-weight: bold;
        }
    </style>
</head>
<body>
    <!-- Navbar -->
    <nav class="navbar navbar-dark bg-dark navbar-expand-lg">
        <div class="container">
            <a href="#" class="navbar-brand"><span class="material-icons-outlined align-middle">fastfood</span>
                Burger Shop</a>
            <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav"
                aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse" id="navbarNav">
                <ul class="navbar-nav">
                    <li class="nav-item">
                        <a href="#" class="nav-link active">Home</a>
                    </li>
                    <li class="nav-item">
                </ul>
        </div>
    </nav>
</body>
```

"Bootstrap offers a powerful toolkit for enhancing your PowerPoint presentation. With its responsive grid system, you can create flexible layouts that adapt to different screen sizes. You can add a stylish navigation bar using the Navbar component, implement interactive buttons and icons, and create engaging image sliders with the Carousel feature. Additionally, Bootstrap provides tools for collapsible content, typography customization, form elements, and more, enabling you to design dynamic and visually appealing slides. By leveraging Bootstrap's components and styles, you can craft a professional and interactive presentation that captivates your audience."

# Adding more...



A screenshot of a code editor interface titled "PROYECTO 1". The left sidebar shows an "EXPLORER" view with files like "indexproject.html", "styles.scss", and "styles.css". The main editor area displays the "indexproject.html" file, which includes HTML, CSS, and JavaScript code. The bottom status bar shows "powershell" and other terminal-related icons.

```
<!DOCTYPE html>
<html>
  <head>
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Burger Shop</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-giJF6kkoQNQ0vy+HMDP7az0L0xtbfIcaT9wjKHR8RbDvddHyTfAAstrekwKmP1" crossorigin="anonymous">
    <link href="https://fonts.googleapis.com/css2?family=Raleway:wght@200;400;600&display=swap" rel="stylesheet">
    <link href="https://fonts.googleapis.com/icon?family=Material+Icons+Outlined" rel="stylesheet">
    <link rel="stylesheet" href="styles.css"> <!-- Link to the custom CSS file -->
  </head>
  <body>
    <!-- Navbar -->
    <nav class="navbar navbar-dark bg-dark navbar-expand-lg">
      <div class="container">
        <a href="#" class="navbar-brand">Burger Shop</a>
        <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav"
               aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">
          <span class="navbar-toggler-icon"></span>
        </button>
      </div>
    </nav>
  </body>

```

```
ds
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 69.67 KiB | 1.83 MiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/sebastianpayan/proyecto1.git
  9f13728..070be35  main -> main
PS C:\Users\Sebastián\Desktop\PROYECTO 1>
```

"Through the rhythm of PHP's code, the elegance of Sass's style, and the command dance of Git in the terminal, we craft a symphony of innovation. As we add each line, each word, we create a masterpiece of collaboration. Just as Git harmonizes versions, let our ideas converge, echoing in the corridors of code. With precision and grace, we build not only a project but a legacy, encapsulated in the power of a single PDF file. Together, we script the future, page by page, commit by commit."Feel free to adjust the wording to fit your context and preferences.

File Edit Selection View Go Run ... ← → 🔍 PROYECTO 1

indexproject.html X styles.scss \ styles.scss built styles.css

indexproject.html > html > body

```
1  <!DOCTYPE html>
2  <html lang="es">
3
4  <head>
5      <meta charset="UTF-8">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Burger Shop</title>
8      <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta1/dist/css/bootstrap.min.css" rel="stylesheet"
9          integrity="sha384-giJF6kkoqNQ00vy+HMDP7az0uL0xtbfIcaT9wjKHr8RbDVddVHyTfAAAsrekwKmP1" crossorigin="anonymous">
10     <link href="https://fonts.googleapis.com/css2?family=Raleway:wght@200;400;600&display=swap" rel="stylesheet">
11     <link href="https://fonts.googleapis.com/icon?family=Material+Icons+Outlined" rel="stylesheet">
12     <link rel="stylesheet" href="styles.css"> <!-- Link to the custom CSS file --&gt;
13
14 &lt;/head&gt;
15
16 &lt;body&gt;
17     &lt;!-- Navbar --&gt;
18     &lt;nav class="navbar navbar-dark bg-dark navbar-expand-lg"&gt;
19         &lt;div class="container"&gt;
20             &lt;a href="#" class="navbar-brand"&gt;Burger Shop&lt;/a&gt;
21             &lt;button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav"
22                 aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation"&gt;
23                 &lt;span class="navbar-toggler-icon"&gt;&lt;/span&gt;
24             &lt;/button&gt;
25             &lt;div class="collapse navbar-collapse" id="navbarNav"&gt;
26                 &lt;ul class="navbar-nav"&gt;
27                     &lt;li class="nav-item"&gt;
28                         &lt;a href="#" class="nav-link"&gt;Home&lt;/a&gt;
29                     &lt;/li&gt;
30                     &lt;li class="nav-item"&gt;
31                         &lt;a href="#" class="nav-link"&gt;Menu&lt;/a&gt;
32                     &lt;/li&gt;
33                     &lt;li class="nav-item"&gt;
34                         &lt;a href="#" class="nav-link"&gt;Contact Us&lt;/a&gt;</pre>
```

File Edit Selection View Go Run ... ← → PROYECTO 1

indexproject.html styles.css styles.scss \ styles.scss built

styles.css > .price-article ul li

```
1  /* Custom hover colors for navbar buttons */
2  .navbar-nav .nav-item:nth-child(1) .nav-link:hover {
3      background-color: #FFD700;
4      /* Change to your desired color */
5  }
6
7  .navbar-nav .nav-item:nth-child(2) .nav-link:hover {
8      background-color: #32CD32;
9      /* Change to your desired color */
10 }
11
12 .navbar-nav .nav-item:nth-child(3) .nav-link:hover {
13     background-color: #4169E1;
14     /* Change to your desired color */
15 }
16
17 .navbar-nav .nav-item:nth-child(4) .nav-link:hover {
18     background-color: #FF6347;
19     /* Change to your desired color */
20 }
21
22 /* Custom smooth scrolling */
23 .navbar-nav .nav-link {
24     cursor: pointer;
25 }
26
27 /* Remove border from collapse menu */
28 .collapse.show {
29     border: none;
30 }
31
32 #menu-collapse .card-body img {
33     max-width: 200px;
34     /* Adjust the size as needed */
35 }
```

Watch Sass Screen Reader Optimized Ln 70, Col 23 Spaces: 4 UTF-8 CRLF CSS Port: 5500 Blackbox

File Edit Selection View Go Run ... ← → PROYECTO 1

indexproject.html styles.css styles.scss .\ X styles.scss built

styles.scss > .navbar-nav .nav-item:nth-child(1) .nav-link:hover

```
1  /* Import Bootstrap styles */
2  @import url('https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta1/dist/css/bootstrap.min.css');
3
4  /* Your custom styles */
5  $font-family: 'Raleway', sans-serif;
6
7  /* Define custom font sizes */
8  $font-size-display-4: 2.5rem;
9  $font-size-lead: 1.25rem;
10
11 /* Navbar */
12 .navbar {
13     background-color: #000;
14 }
15
16 .navbar-nav .nav-item:nth-child(1) .nav-link:hover {
17     background-color: #ffd700; /* Change to your desired color */
18 }
19
20 .navbar-nav .nav-item:nth-child(2) .nav-link:hover {
21     background-color: #32CD32; /* Change to your desired color */
22 }
23
24 .navbar-nav .nav-item:nth-child(3) .nav-link:hover {
25     background-color: #4169E1; /* Change to your desired color */
26 }
27
28 .navbar-nav .nav-item:nth-child(4) .nav-link:hover {
29     background-color: #FF6347; /* Change to your desired color */
30 }
31
32 }
```

File Edit Selection View Go Run ... ← → PROYECTO 1

indexproject.html styles.css styles.scss .\ X styles.scss built

styles.scss > .navbar-nav .nav-item:nth-child(1) .nav-link:hover

```
1  /* Import Bootstrap styles */
2  @import url('https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta1/dist/css/bootstrap.min.css');
3
4  /* Your custom styles */
5  $font-family: 'Raleway', sans-serif;
6
7  /* Define custom font sizes */
8  $font-size-display-4: 2.5rem;
9  $font-size-lead: 1.25rem;
10
11 /* Navbar */
12 .navbar {
13     background-color: #000;
14 }
15
16 .navbar-nav .nav-item:nth-child(1) .nav-link:hover {
17     background-color: #ffd700; /* Change to your desired color */
18 }
19
20 .navbar-nav .nav-item:nth-child(2) .nav-link:hover {
21     background-color: #32CD32; /* Change to your desired color */
22 }
23
24 .navbar-nav .nav-item:nth-child(3) .nav-link:hover {
25     background-color: #4169E1; /* Change to your desired color */
26 }
27
28 .navbar-nav .nav-item:nth-child(4) .nav-link:hover {
29     background-color: #FF6347; /* Change to your desired color */
30 }
31
32 }
```

File Edit Selection View Go Run ... ← → 🔍 PROYECTO 1

EXPLORER ... indexproject.html styles.css styles.scss \ indexproject.php styles.scss built

OPEN EDITORS indexproject.php

indexproject.html styles.css styles.scss indexproject.php styles.scss built

OUTLINE

TIMELINE

PROYECTO [+] [+] [ ] [ ]

assests indexproject.html indexproject.php

built PDF DOCUMENT ...

styles.css styles.scss WORD DOCUMENT...

indexproject.php

1 <!DOCTYPE html>

2 <html lang="es">

3

4 <head>

5 |<!-- Head section content here (meta tags, title, stylesheets, etc.) --&gt;</p>

6 </head>

7

8 <body>

9 |<!-- Your website content here --&gt;</p>

10

11 |<!-- Navbar --&gt;</p>

12 <?php include 'navbar.php'; ?>

13

14 |<!-- Carousel --&gt;</p>

15 <?php include 'carousel.php'; ?>

16

17 |<!-- Check Out Our Menu --&gt;</p>

18 <?php include 'menu.php'; ?>

19

20 |<!-- Collapsible Menu Content --&gt;</p>

21 <?php include 'menu\_collapsible.php'; ?>

22

23 |<!-- Prices Lists --&gt;</p>

24 <?php include 'prices\_lists.php'; ?>

25

26 |<!-- Contact Us Section --&gt;</p>

27 <?php include 'contact.php'; ?>

28

29 |<!-- Delivery Section --&gt;</p>

30 <?php include 'delivery.php'; ?>

31

32 |<!-- Family Gathering Quote --&gt;</p>

33 <?php include 'family\_quote.php'; ?>

34

main ⌂ 0 △ 0 Blackbox Watch Sass Screen Reader Optimized Ln 45, Col 1 Spaces: 4 UTF-8 CRLF PHP Port: 5500 Blackbox

The screenshot shows a code editor interface with the following details:

- File Bar:** File Edit Selection View Go Run ...
- Search Bar:** PROYECTO 1
- Left Sidebar:**
  - EXPLORER: indexproject.html (1)
  - OPEN EDITORS: 1 unsaved
    - indexproject.html
    - project.java U
    - styles.css
    - styles.scss
    - indexproject.php
    - styles.scss built
  - OUTLINE
  - TIMELINE
  - PROYECTO 1
    - assests
    - built
      - indexproject.html
      - indexproject.php
      - PDF DOCUMENT ...
      - project.java U
      - styles.css
      - styles.scss
      - WORD DOCUMENT...
- Central Area:**
  - indexproject.html
  - project.java U
  - styles.css
  - styles.scss A
  - indexproject.php
  - styles.scss built

Project Structure:

```
1 hamburger-website/
2   └── src/
3     ├── App.js
4     └── index.js
5   ...
6
7   └── public/
8     ├── index.html
9     ...
10
11  └── package.json
12
13  ...
```
- Bottom Status Bar:** main\* ↗ 0 △ 0 Blackbox Watch Sass Screen Reader Optimized Ln 13, Col 1 Spaces: 4 UTF-8 CRLF {} Java Port: 5500 Blackbox

File Edit Selection View Go Run ... ← → 🔍 PROYECTO 1

EXPLORER ... indexproject.html project.java U app.js U styles.css styles.scss .\ indexproject.php styles.scss built

OPEN EDITORS 1 unsaved

indexproject.html project.java U app.js styles.css styles.scss indexproject.php styles.scss built

OUTLINE

TIMELINE

PROYECTO 1

assests

built

app.js U indexproject.html indexproject.php PDF DOCUMENT ... project.java U styles.css styles.scss WORD DOCUMENT...

// src/App.js  
import React from 'react';  
import { BrowserRouter as Router, Route, Switch } from 'react-router-dom';  
import Navbar from './components/Navbar';  
import Home from './components/Home';  
import Menu from './components/Menu';  
import ContactUs from './components/ContactUs';  
import Delivery from './components/Delivery';  
  
function App() {  
 return (  
 <Router>  
 <Navbar />  
 <Switch>  
 <Route path="/" exact component={Home} />  
 <Route path="/menu" component={Menu} />  
 <Route path="/contact" component={ContactUs} />  
 <Route path="/delivery" component={Delivery} />  
 </Switch>  
 </Router>  
 );  
}  
  
export default App;

Watch Sass Screen Reader Optimized Ln 25, Col 1 Spaces: 4 UTF-8 CRLF () JavaScript Port: 5500 Blackbox

# Conclusion

---

In conclusion, crafting an engaging user experience is crucial for the success of any website. By understanding user experience, designing for mobile devices, optimizing website speed, and ensuring accessibility and inclusivity, we can create a website that provides a seamless user experience for all users.

# Thanks!

---

Do you have any  
questions?

Sebastián Payán Cristancho  
[sebastianpayango8@gmail.com](mailto:sebastianpayango8@gmail.com)  
+34 608 554 728

