

Web Technology Laboratory Assignment 2

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Batch: T3

Topic: Practical Assignment 2

Title: Restaurant (Client) Website

Problem Statement:

Implement a web page index.htm for any client website (e.g., a restaurant website project) using following:

- HTML syntax: heading tags, basic tags and attributes, frames, tables, images, lists, links for text and images, forms etc.
- Use of Internal CSS, Inline CSS, External CSS

Theory:

1. Introduction to Creating a Website:

- Creating a website involves using different tools and techniques to design web pages that people can visit on the internet.
- HTML (Hypertext Markup Language) is used to structure the content of web pages.

2. HTML Basics:

- The basic HTML syntax includes opening and closing tags, attributes, and elements.
- Highlight the importance of using heading tags (<h1>, <h2>, etc.) to organize content and improve readability.
- Explain how to use basic tags like paragraphs (<p>), lists (,), and images () to add content to web pages.

3. Creating a Website Layout:

- Discuss the use of tables (<table>, <tr>, <td>) and frames to create layouts for web pages.
- Explain how to use frames to divide a webpage into multiple sections or display content from different sources.

4. Adding Style with CSS:

- Introduce CSS (Cascading Style Sheets) as a way to add style and design to web pages.
- Explain the difference between internal CSS (using the <style> tag within the HTML document), inline CSS (applying styles directly to individual HTML elements), and external CSS (linking to a separate CSS file).
- Discuss the advantages of using external CSS for better organization and easier maintenance of styles across multiple pages.

5. Styling Elements:

- Provide examples of styling HTML elements using CSS, such as changing text color, font size, background color, and adding borders and margins.
- Discuss the use of CSS to create responsive layouts that adapt to different screen sizes and devices.

6. Enhancing User Interaction:

- Explain how to use HTML forms (<form>, <input>, <button>) to collect user input, such as submitting feedback or placing orders.
- Discuss the use of links (<a>) to navigate between different pages or sections of a website.

7. Example: McDonald's Website Homepage Clone:

- Describe the process of creating a homepage for a McDonald's website clone using the HTML syntax and CSS techniques discussed.
- Explain how you utilized heading tags (<h1>, <h2>) to emphasize important information like the website's name and slogan.
- Discuss the use of tables and frames to organize the layout of the homepage, including sections for navigation menus, featured products, and promotional offers.
- Highlight the application of CSS to style elements on the homepage, such as adjusting text and background colors, adding borders and shadows, and ensuring responsive design for different screen sizes.
- Mention any interactive elements incorporated into the homepage, such as links to other pages within the website or forms for signing up for promotions.

Code:

</-- HTML Code →

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

```
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
  <title>McDonalds</title>
```

```
  <link rel="stylesheet" href="styles.css">
```

```
</head>
```

```
<body>
```

```
  <div class="navbar">
```

```
    <div class="logo">
```

```
      <a href="#" class="logo"></a>
```

```
    </div>
```

```
    <div class="nav-content">
```

```
      <div class="dropdown">
```

```
        <button class="dropbtn">Our Menu
```

```
          <i class="fa fa-caret-down"></i>
```

```
        </button>
```

```
        <div class="dropdown-content">
```

```
          <a href="https://www.mcdonalds.com/us/en-us/full-menu/breakfast.html">BreakFast</a>
```

```
          <a href="https://www.mcdonalds.com/us/en-us/full-menu/burgers.html">Burgers</a>
```

[Chicken & Fish Sandwiches](https://www.mcdonalds.com/us/en-us/full-menu/chicken-and-fish-sandwiches.html)

[McNuggets](https://www.mcdonalds.com/us/en-us/full-menu/mcnuggets-meals.html)

[Fries & Sides](https://www.mcdonalds.com/us/en-us/full-menu/fries-sides.html)

[Happy Meal](https://www.mcdonalds.com/us/en-us/full-menu/happy-meal.html)

[McCafe Coffees](https://www.mcdonalds.com/us/en-us/full-menu/mccafe-coffees.html)

[Sweets & Treats](https://www.mcdonalds.com/us/en-us/full-menu/sweets-treats.html)

[Beverages](https://www.mcdonalds.com/us/en-us/full-menu/drinks.html)

[Download App](https://www.mcdonalds.com/us/en-us/download-app.html)

[My MacDonald's Rewards](#)

[Exclusive Deals](#)

[About Our Food](#)

[Locate](#)

[Gift Cards](#)

[Order Now](#)

</div>

<div class="hero">

<div>

</div>

<div>

<div>

<h1>"McD's Best Burgers Ever." - Hamburglar</h1>

<p>You're gonna love the hotter, juicier, tastier upgrades we've made to burgers like our Cheeseburger and Double Cheeseburger.* From patties grilled with onions and perfectly melted cheese to new soft, pillowy buns—these are our best burgers yet. Ask the Hamburglar, he can't keep his hands off of 'em. Robble, robble.</p>

<p>Get one today in the app for pickup or McDelivery®.</p>

<p>*Comparison of McDonald's classic burgers to prior burgers.

^At participating McDonald's. McDelivery prices may be higher than at restaurants. Delivery/other fees may apply

</p>

</div>

<div>

Order in the App

</div>

</div>

<div>

</div>

<div>

<div>

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<div>

</div>

<div>

<div>

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</p>

</div>

<div>

Order in the App

</div>

</div>

</div>

<footer class="footer-container">

<div class="about-us">

<p>About Us</p>

<p>About Us Overview</p>

<p>Leadership Team</p>

<p>Values In Action</p>

<p>Franchise Info</p>

<p>Recalls & Alerts</p>

<p>Real Estate</p>

<p>Accessibility</p>

<p>Investor Relations</p>

<p>News & Notifications</p>

</div>

<div class="services">

<p>Services</p>

<p>Services Overview</p>

<p>Wi-Fi</p>
<p>PlayPlaces & Parties</p>
<p>McDelivery®</p>
<p>Mobile Order & Pay</p>
<p>Trending Now</p>
<p>McDonald's Merchandise</p>
<p>Family Fun Hub</p>
<p>MyMcDonald's Rewards</p>
<p>McCafé®</p>
</div>

<div class="about-us">
 <p>About Us</p>
 <p>About Us Overview</p>
 <p>Leadership Team</p>
 <p>Values In Action</p>
 <p>Franchise Info</p>
 <p>Recalls & Alerts</p>
 <p>Real Estate</p>
 <p>Accessibility</p>
 <p>Investor Relations</p>
 <p>News & Notifications</p>
</div>

<div class="about-us">
 <p>About Us</p>
 <p>About Us Overview</p>

```
<p>Leadership Team</p>
<p>Values In Action</p>
<p>Franchise Info</p>
<p>Recalls & Alerts</p>
<p>Real Estate</p>
<p>Accessibility</p>
<p>Investor Relations</p>
<p>News & Notifications</p>
</div>
</footer>
</body>
</html>
```

<!-- CSS Code →

```
.navbar {
  display: flex;
  flex-direction: row;
  justify-content:center;
  align-items: center;
  margin:0 20px 0 0;
  background: white;
  background: linear-gradient(
    to right bottom,
    rgba(255, 255, 255, 0.4),
    rgba(255, 255, 255, 0.2)
  );
};
```

```
backdrop-filter: blur(2rem);
```

```
height: 60%;
```

```
z-index: 1;
```

```
display: flex;
```

```
justify-content: center;
```

```
align-items: center;
```

```
box-shadow: 0 0 1rem rgba(0, 0, 0, 0.2);
```

```
}
```

```
.a {
```

```
text-decoration: none;
```

```
}
```

```
.navbar a {
```

```
float: left;
```

```
font-size: 16px;
```

```
text-align: center;
```

```
padding: 14px 16px;
```

```
text-decoration: none;
```

```
}
```

```
.dropdown {
```

```
display: contents;
```

```
align-items: center;
```

```
}
```

```
.dropdown .dropbtn {  
    font-size: 20px;  
    border: none;  
    outline: none;  
    padding: 14px 16px;  
    margin: 0 20px 0 0;  
    background-color: inherit;  
    font-family: inherit; /* Important for vertical align on mobile phones */  
    margin: 0; /* Important for vertical align on mobile phones */  
}
```

```
/* Add a red background color to navbar links on hover */
```

```
.navbar-content a:hover, .dropbtn:hover {  
    background-color: red;  
}
```

```
/* Dropdown content (hidden by default) */
```

```
.dropdown-content {  
    display: none;  
    position: absolute;  
    background-color: #f9f9f9;  
    min-width: 160px;  
    box-shadow: 0px 8px 16px 0px rgba(0,0,0,0.2);  
    z-index: 1;  
}
```

```
/* Links inside the dropdown */
```

```
.dropdown-content a {  
    float: none;  
    color: black;  
    padding: 12px 16px;  
    text-decoration: none;  
    display: block;  
    text-align: left;  
}
```

```
/* Add a grey background color to dropdown links on hover */
```

```
.dropdown-content a:hover {  
    background-color: #ddd;  
}
```

```
/* Show the dropdown menu on hover */
```

```
.dropdown:hover .dropdown-content {  
    display: block;  
}
```


```
.content a {  
    margin: 0px 35px 0px 0px;  
    font-size: 20px;  
    text-decoration: none;  
}
```

```
.hero{  
  display: grid;  
  justify-content: center;  
  grid-template-columns: 800px 400px;  
  padding:20px;  
  margin:20px;  
  grid-gap:50px  
}
```

```
.hero img{  
  width: 800px  
}
```

```
.footer-container{  
  display: flex;  
  flex-direction: row;  
  justify-content: space-between;  
  padding: 250px;  
  padding-top: 50px;  
  padding-bottom: 50px;  
}
```

Output:



Our Menu

BreakFast

Burgers

Chicken & Fish Sandwiches

McNuggets

Fries & Sides

Happy Meal

McCafe Coffees

Swweets & Treats

Beverages

My MacDonald's Rewards


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Gift Cards

Order Now




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- Hamburglar

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Order in the App



“McD’s Best Burgers Ever.”
- Hamburglar

You’re gonna love the hotter, juicier, tastier upgrades we’ve made to burgers like our Cheeseburger and Double



“McD’s Best Burgers Ever.”
- Hamburglar

You’re gonna love the hotter, juicier, tastier upgrades we’ve made to burgers like our Cheeseburger and Double

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Conclusion:

- Summarized the key points discussed in the theory part, emphasizing the importance of using HTML syntax and CSS techniques to create well-designed and user-friendly websites.
- Highlight the role of planning and evaluation in ensuring the success of client website projects, as discussed in the previous section.