

FINAL REPORT

Our website, our design choice and how it's accessible.

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Overview:

Our website “Mo’s Pizza” has a simple and clean design, so that users can focus on the content. The layout is consistent across all pages (header, navigation bar, main content area, and footer). The header displays the page's main heading, as well as the store’s logo on the top right. The navigation bar has links to each main page. The main content area is where the unique content of each page is displayed. The footer contains copyright information and a phone number for easy contact.

Our website’s Home page has a brief introductory description as well as a newsletter subscription prompt for those interested. The Menu page showcases the variety of pizzas, sides, and desserts offered. The Contact Us page includes a form, allowing users to send a message to the team. The About us page includes further details about the franchise, our history, our mission as well as a link for more details.

Design Choices:

1. **Page Structure**: Used HTML structural elements, such as <header>, <nav>, <main>, <div>, and <footer>. A clear hierarchy of information on the page using the appropriate header levels (h1, h2) is also used. Both of which help with organization, accessibility, and overall page structure.
2. **Responsive Design**: The viewport meta tag is used to make the website responsive on different devices and screen sizes.
3. **Favicon**: A favicon is added to the website for better branding and user experience.
4. **Menu Page Layout**: The menu is divided into sections with matching titles (Pizzas, Sides, Desserts). A card-like arrangement is used to show each menu item, each of which includes a picture, name, description, and price. Hence, the menu items are neatly and visually appealing.
5. **Images**: Each page, especially the menu page, has a high-quality picture to draw customers in. As a user hovers over one of the interactive menu pictures, a pop-up window containing further information about each menu option appears.
6. **Navigation Bar**: All the website's pages are linked in the navigation bar, making it simple for visitors to navigate between them. Our organized navigation bar is made using an unordered list containing list items and anchor tags.
7. **Buttons**: Home menu subscribe button and contact us submit button both allow the user to submit their information so that an action could be performed. The pizza menu items feature buttons to allow users to choose between small, medium, and large sizes. This feature provides interactivity and enhances the user experience.
8. **JavaScript**: The JavaScript code allowed for a variety of interactive features, such as updating the price of pizza menu items when the user selects a different size, and displaying the pop-up with more detailed information about each menu item when the user hovers over the image.
9. **Footer**: The footer contains copyright information and the restaurant's phone number, providing necessary information to all visitors.

Detailed Design Choice: Pop-up Descriptions

The use of pop-up explanations for each menu item is a choice in design that is very detailed. By default, these explanations are hidden, but they become visible when the user hovers their mouse over the menu item images.

Because of this feature, customers can access more information about each menu item without cluttering the menu page, having to leave the menu page, or navigating to another website.

JavaScript event listeners for the "mouseenter" and "mouseleave" events on each menu image are used to implement the pop-up descriptions. The pop-up descriptions are shown and positioned in relation to the picture when the "mouseenter" event is triggered. The pop-up explanation is once again hidden when the "mouseleave" event is triggered.

Accessibility Features:

1. **Responsive design:** The meta viewport tag is used to create a responsive layout for the website. This makes our website accessible to users on PCs, laptops, tablets, and smartphones by ensuring that it displays properly across several devices and screen sizes.
2. **Clear Headings and Subheadings:** Our website uses headers (h1, h2) that are clear and descriptive, to arrange the content. This makes it easier for visually impaired visitors using screen readers to understand the pages' structure and navigate through it.
3. **Text alternatives for images:** Our website provides ALT text for every image on it, this helps users either who cannot access the image or with visual impairments using screen readers to still access information about what the image contains.
4. **Popup Description:** Each menu item on our website has a description, appearing in the pop-up descriptions. As the user hovers over the image, a popup window containing this information appears. This makes sure that even if users with visual impairments cannot view the item, they can still get the information about the menu options.
5. **Keyboard navigation:** Our website is simple to navigate with a keyboard because of the use of standard HTML elements for links and buttons. Keyboard shortcuts allow users who are unable to use a mouse or touch screen to still access all the functionality of the website.
6. **Clear and contrasting colours:** The website's text and background colours are clear and contrasted, making it simple for visitors with colour vision deficiency/impairments to still read the material.
7. **Simple and consistent navigation:** Users can easily grasp how to navigate between the site's many parts because our website's navigation menu is consistent across all our pages.
8. **Navigation bar:** It's keyboard-navigable, so that those that rely on keyboard navigation can access all parts of the website. The navigation bar is also more accessible for screen reader users thanks to the proper ARIA (Accessible Rich Internet Applications) markup identifying it as a navigation element.
9. **Accessible Forms:** The Contact Us page has an accessible form that screen reader users may easily fill out thanks to the clear labels for each input field and the proper ARIA markup.
10. **Font Choice:** is legible and modern, ensuring readability across all devices and screen sizes.