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WEB DESIGN WK4

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1.

A common scenario is a product order system for an e-commerce website. The system uses a form where customers input details such as name, email, shipping address, product selection, and payment method. The form may include drop-down menus for product categories, radio buttons for payment options, and text fields for delivery instructions. Once submitted, the data is stored in a database and linked to an order table that tracks product ID, quantity, price, and customer details. The table allows administrators to manage inventory, confirm orders, and process payments. Proper validation within the form ensures accuracy and prevents incomplete or incorrect submissions. This integration of forms and tables creates a seamless user experience, supports secure transactions, and ensures businesses can efficiently manage their sales workflow online.

2.

Form accessibility ensures that online forms can be used effectively by all users, including those with disabilities. Accessible forms are designed with proper labels, instructions, and error messages that work seamlessly with assistive technologies like screen readers. For example, using descriptive labels for input fields helps visually impaired users understand the purpose of each field. Keyboard navigation is also crucial, allowing users to complete forms without relying on a mouse. Accessible design improves usability, reduces submission errors, and ensures compliance with standards such as the Web Content Accessibility Guidelines (WCAG). Ultimately, form accessibility promotes inclusivity and equal access to digital services

3.

While coding a webpage with a table in Visual Studio Code, I focused on creating a structured layout using HTML and enhancing its appearance with CSS. The process helped me understand how to organize data clearly and make it readable for users. Using CodePen, I could instantly preview my work, which sped up testing and adjustments. I experimented with table headers, row styling, and responsive design, realizing the importance of semantic HTML for accessibility. Overall, this task improved my confidence in building functional web elements and highlighted the interplay between HTML structure and CSS styling for user-friendly web design.

4.Tool Practice

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Form Title

Name

Email

Phone
Number

Message

SUBMIT