

WDD 230

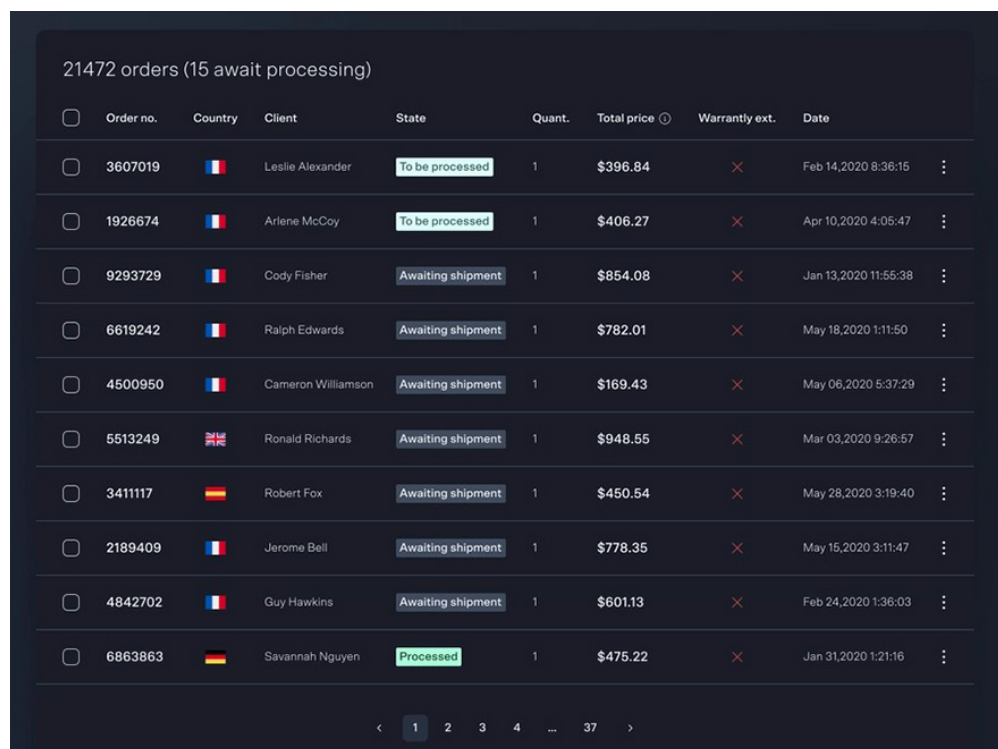
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HTML Tables for Data Presentation

Overview

HTML tables provide a structured way to represent data traditionally in rows and columns, such tabular data.

"The table HTML element represents tabular data—that is, information presented in a two-dimensional table comprised of rows and columns of cells containing data." – [MDN](#)























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Figure 1: Example HTML Table Layout - Paginated View

Prepare

The design issue with table markup is that HTML tables have been used for site layout. Do **not** use HTML table structures for page layout. This is a problem because of the following:

- The markup becomes bloated and there are far better layout choices. Bloated markup is confusing and it makes it hard to maintain and debug.
- Table layouts reduce accessibility for the visually impaired.
- Tables are not ideal for responsive page behavior.

Tables are very common in all aspects of visual humanity and can be used to present data in a way that is well recognized by users.

- Read:  [HTML Advanced Features and Accessibility](#) – MDN
-  [Table Structure and Formatting Example](#) – CodePen Example

Activity Instructions

Build the following HTML table. The table has a caption labeled Table 1.

ACME Wildwest Services			
	Basic	Premium	Deluxe
Feature 1	✓	✓	✓
Feature 2	✗	✓	✓
Feature 3	✗	✗	✓

Table 1: Account Feature Comparison

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1. Create a "**week04**" folder if you have not already.
2. Create an HTML file named "**tablebuild.html**" with a linked CSS file to support your styling of the table.
3. Use the **thead** and **tbody** tags in your table structure.
4. Use a **caption** element within your table to display the "Table 1: Account Feature Comparison" caption.
5. The color scheme is your choice.
6. You must include zebra striping (alternating colors on actual data rows) using **nth-child** pseudo-class.

7. Always ensure that your HTML and CSS documents are valid.

Submission

1. Update your home portal page with a link to this activity.
2. Commit and post these additions and updates to your wdd230 GitHub Pages repository.

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