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Web Application Development
Week Summary

This week I learned how to do ascending and descending order for the list of data in my php table, below is the whole breakdown

Sorting Logic:

This week we Included a sorting mechanism that allows us to sort the table data by in either ascending or descending order. By using the `usort()` function to sort the data. Links are created dynamically for the user to toggle between ascending and descending order.

Last week there was No sorting functionality. It was simply display the data without any ordering option.

Toggle Sort Order:

This week there is a helper function `toggleOrder()` that swaps between 'asc' and 'desc' order when a user clicks on a column header.

Last week we didn't have this mechanism

URL Parameters for Sorting:

This week, by apending `sort` and `order` parameters to the URL (`?sort=id&order=asc`) to remember sorting preferences.

Last week we only handled pagination (`?page=1`), without sorting options in the URL.

So I learned that to add sorting functionality to an existing grid view, we have to identify which column the user wants to sort by using query parameters (`$_GET['sort']`) and in what order (`$_GET['order']`).

Use PHP's `usort()` function to sort the array of data based on the specified column and order.

Implement a toggle mechanism to alternate between ascending and descending orders when we click on a column header.

Modify the table headers to include clickable links for sorting, passing the correct parameters in the URL.