

Technical Assignment - Frontend

Objective

Your task is to implement a table component based on [this design file](#). Included in the email is an array of dummy data to populate the table.

Requirements

The table should include the following features:

1. Pagination.
2. Row display: users should be able to choose how many rows are displayed on a single page.
3. Sorting: users should be able to sort the table on at least one field.
4. Filtering: users should be able to filter the table based on the values in the section column.

If you have time, consider implementing the following features:

1. Sticky headers/columns: The headers and/or columns of the table should remain visible even when a user scrolls down or across the table.
2. Responsiveness: The table should be fully responsive, meaning it should adjust its layout and functionality to provide a good user experience on a variety of screen sizes.
3. Accessibility: The table should implement best practices for accessibility.

Instructions

1. We use React + TypeScript at Coolset, but feel free to bootstrap the task with whichever technology you think is best.
2. Try not to spend more than about 2 hours on the task - we don't want to eat up your time, we just want to get a flavor of your experience.
2. When you're finished, send an email to adam@coolset.com - a link to a repository is great, bonus points if we can see it deployed.

Evaluation

We will evaluate your assignment based on the following criteria:

- Code Quality: Is your code clean, organized, and adhering to best practices?
- Functionality: Does your table implement the required features and how well do they work?
- Design Implementation: How closely does your table match the provided design?
- Problem-Solving Skills: How did you approach the task and overcome any challenges you encountered?

Remember, it's okay if you don't finish everything. We're more interested in seeing how you approach problems and your coding style. Good luck!