

## **VaynerMedia Data Science Front-End Challenge!**

We are going to build a small UI for sorting ALBUMS for two different USERS!

**Mock-API docs** => <https://jsonplaceholder.typicode.com/>

Everything you'll need is included in the materials we've provided, and in the docs referenced above. Do not use any external packages/code/technology/frameworks/\*, except jQuery, which we've already imported for you in the html file. It shouldn't be necessary for you to create any new files, just edit the ones provided. *You may edit them to your heart's content.* **Please send back a zip file containing your submission.**

- 1. Display** - GET USERS with id 1 and 2, and their associated ALBUMS from the mock-API. Using the provided template, display the response data in two tables representing each user.
- 2. UI** - Implement drag-and-drop. I should be able to drag a row from one table, and drop it into the other. Doing so should trigger an AJAX request, updating the `userId` property on the ALBUM. When the request resolves, you should utilize the data in the **response** to make the appropriate changes in the display. We want to make sure the UI is consistent with the data at all costs.  
**NOTE:** *The mock-api will not actually persist anything you send to it*
- 3. Text Search** - So many albums, so little time. Include a text input above each table that permits filtering albums by title. Filtering should cause only albums with titles that at least partially match the input to display in the table.
- 4. Colors!** - Bring this webpage a little more life by candy-striping the rows in each table, and highlighting rows on mouse-over.
- 5. I Fight for the Users!** - It isn't fair that only Leanne and Ervin are invited to the party. Allow users to swap albums between any **users** that the API has access to.
- 6. A Force to be Beckoned With** - I hear people still don't understand how to use this webpage. When users start dragging a row, come up with a way to **beckon** them to drop it on the other table by indicating a dropzone somehow.
- 7. The Incredible Bulk** - We don't have time to be dragging around all these rows. Let's allow users to select multiple rows, and drag them together in **bulk**. You'll still have to make a PUT request for each one separately though.