



Interface Design and Development

Credit Task 8.1: My Table

Overview

Table often contains data from an array or database table. In this task, the table will be paginated using vuejs-paginate and styled using Bootstrap.

Purpose: Learn how to paginate a table using vuejs-paginate.

Task: Add pagination to a table.

Time: This task should be completed in your lab class and submitted for feedback before the start of week 11.

Resources:

- Lecture notes and sample code

Submission Details

You must submit the following files:

- Web application source code (html and js).
- Screenshot of the web application

Make sure that your task has the following in your submission:

- Code must be HTML5 standard and observe indentation.
- Your web application uses the VueJS and Bootstrap framework appropriately.

Instructions

Add pagination to the data table.

1. Download the units.json from Canvas.
2. Create a Vue app, retrieve the data in units.json and display the result in a table (you can use the same app you created in 7.2).
3. Upload your html and/or javascript files and units.json **to the same server** (for example, all on Mercury server, or all on your localhost). Test it on the browser to make sure that it works as you expect.
4. Style the web application with Bootstrap, ensure that table accessibility by:
 - having a caption element.
 - using the relevant 'th' and 'td' elements
 - using 'id' attributes to the 'th' elements and 'headers' attributes to each of the 'td' elements, to bind the relevant 'th' to each 'td'
 - using a scope attribute
5. Paginate the table to show only 5 rows at a time, highlight the current page number.
6. Your web application should now be complete. Test the web application on the browser to make sure that it works as you expect.