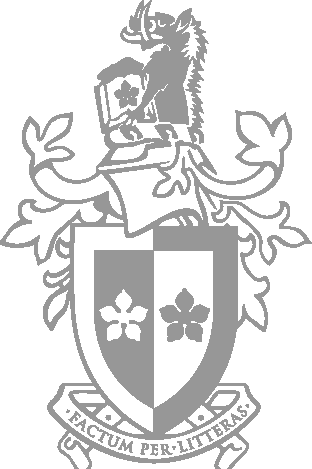
Faculty of Science, Engineering and Technology





**Interface Design and Development**

Distinction Task 4: My Units Table with Pagination

**Overview**

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

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**Purpose:** Learn how to paginate a table using AngularJS.

**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
    - <https://www.w3schools.com/bootstrap/bootstrap_pagination.asp>
    - <http://achecker.ca>

***Submission Details***

You must submit the following files to Canvas:

* Web page source code (units5.html).
* Module source code (appunits5.js).
* **Screenshot of the table webpage**
* **PDF Reports from achecker.ca on the table task file.**

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

* Code must be HTML5 standard and observe indentation.
* Your webpage uses the AngularJS and Bootstrap framework appropriately.
* **Web Accessibility report shows no known/potential problems**



**Instructions**

Add pagination to the data table using AngularJS.

1. Make a copy your **Credit Task 4** (Component 2) solution as units5.html in your lab09 directory. Open Brackets and open the file as units5.html.
2. **Style the web application with Bootstrap**, remember to
   1. List the units in a table ordered by unit description with unit code, unit description and type. The credit point must be displayed with 2 decimal places.
   2. 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
3. Paginate the table to show **only 5 rows at a time**.
4. Your web app should now be completed with proper additional bootstrap styling and comments. Make sure you test it on the browser to make sure that it works as you expect.

**Tip**: You may define a factory/service to manage the units, demonstration of pagination available online and you may use the demo files for the task given.