



# Interface Design and Development

## Credit Task 9.1: Single Page Application

### Overview

Create a single page application including router, tab and pagination.

**Purpose:** Learn how to use the techniques we learned to create single page applications.

**Task:** Create a single page application.

**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

Create a single page application.

1. Download the units.json from Canvas (It is the same as task 8.1). Create the corresponding database tables for units and users.
2. Create a single page application including
  - Router for login and dashboard.
  - On the dashboard, there are View, Insert, Update and Delete tabs for read, insert, update and delete records from the database table.
  - Use pagination to show the units results.
3. Test the web application on the browser to make sure that it works as you expect.