



DOUGLAS COLLEGE

## COMMERCE AND BUSINESS ADMINISTRATION COURSE OUTLINE AND SCHEDULE

### CSIS 3380-001: ADVANCED WEB PROGRAMMING WITH JAVASCRIPT & AJAX

Fall 2018 Semester

Assignment 2

Due Date: Friday, November 16

#### Instructions

Please download Assignment 2 folder from the Blackboard. After you unzip it, rename the folder as follows: *YourNameCSIS3380-AS2*. Make sure that you replace “*YourName*” part of the folder with your actual name; e.g., (*PAdamsCSIS3380-AS3*). Also insert your name in the <head> section of the HTML template as indicated.

Put your images inside the “*images*” folder and also create a folder called “*scripts*” where you will place external scripts for parts 1 and 2 as instructed below in each part of the assignment.

***Note: The assignment is to be completed individually. Any form of cheating or sharing of work may have serious consequences.***

#### Description

The assignment consists of two parts. In part 1 you will implement a carousel slider application and in part 2 you will implement slide toggle application. Both applications have to be completed using jQuery.

Note: I have already optimized the HTML template and also included all the necessary libraries/frameworks and style sheets (jQuery, Bootstrap and font-awesome) to enable you to complete the assignment.

Please choose a topic of your interest and think of four favourite things about it (e.g., your four favourite movies, your four favourite video games, etc). Prepare/get an image for each favourite thing that you will need to use to implement the carousel slider in part 1 of the assignment. In part 2, you will provide a short title for each of your favourite things, along with short descriptive text.

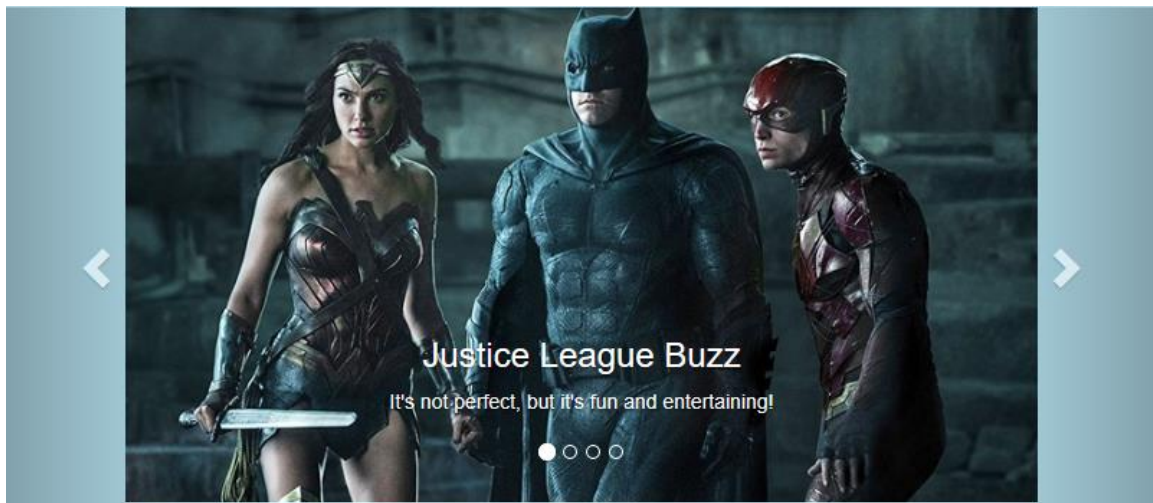
#### Part 1: Carousel Slider

For this part of the assignment, you are going to implement a carousel slider to animate and rotate images of your four chosen favourite things. Beyond what was done

in the class example, your carousel slider should include navigation icons and previous and next arrows as shown in the HTML template provided. Besides animating the slides (like we did in class), your application should display the respective slide when a given icon is clicked. Also, the previous slide should be shown when a user clicks the previous arrow and the next slide should be shown when a user clicks the next arrow. The Bootstrap framework libraries linked to in the HTML template should enable to implement these features easily.

Create an external script and save it as *"caraousel\_slider.js"* inside the scripts folder. Please provide a link to this script in the place indicated in the HTML template. Place all your images in the *"images"* folder. Set up the link to each image in the HTML template, along with a short caption for each image. For example, in the template, I have provided a link to first image (image of Justice League movie), caption title of *"Justice League Buzz"* and caption text: *"It's not perfect, but it's fun and entertaining!"* (please see the exhibit below). Please, replace this with your chosen thing and also set up the remaining images accordingly. Note: to avoid making adjustments to the template, your images should be about width of 800px and height of 450px.

### **Exhibit**



### **Part 2: Slide Toggling Content**

For this part of the assignment, you are going to implement a jQuery application to slide toggle content.

Please refer to the portion referred to as slide toggling content in the HTML template to complete this part of the assignment. Note that part 2 of the assignment is related to part 1 of the assignment (i.e., in part 2, you provide brief descriptions or reviews of the four things identified in part 1).

For your four chosen favourite things in part 1, you should modify the HTML template given by providing the title (inside the `<span>` with class name="title\_text") and some descriptive text (inside the `<div>` with class name="body\_text") for favourite thing one to four, respectively. I have provided the first one as an example; please replace it with your content.

Note that to the right of each title text, there's an icon (⊕) that can be clicked to expand the display to show content. Once the detailed content is displayed, that icon should change to circle-minus (⊖). These icons are part of the Font Awesome Web Application Icons ([https://www.w3schools.com/icons/fontawesome\\_icons\\_webapp.asp](https://www.w3schools.com/icons/fontawesome_icons_webapp.asp)). The corresponding syntax for the circle-plus is indicated in the HTML template inside the <span> with class name="icon" (i.e., *fa fa-plus-circle*).

Note: in your implementation, the user should be able to click either the icon or title text to display/hide detailed content.

Please create an external script called "*slide\_toggle.js*" (it should be saved in the same scripts folder for part 1) and link to it in the area indicated in the HTML template.

Please refer to the exhibits below to see how your completed application should work.

***Exhibit 1: None of the detailed content shown***

My Four Favorite Video Games Details	
Rocket League	⊕
Pokemon Ultra Sun and Ultra Moon	⊕
Hand of Fate 2	⊕
Football Manager 2018	⊕

***Exhibit 2: Only the first content panel expanded***

My Four Favorite Video Games Details	
Rocket League	⊖
Rocket League was a phenomenon when it debuted in 2015, and three years later it shows no signs of slowing down. The unorthodox sports game is a mix of soccer and vehicular acrobatics that's immediately engaging, but a high skill ceiling ensures that you can put hundreds of hours into Rocket League online and continue to improve your control over car and ball alike. It's unique, it's complex, and now that it's on the Nintendo Switch, it's wonderfully portable.	
Pokemon Ultra Sun and Ultra Moon	⊕
Hand of Fate 2	⊕
Football Manager 2018	⊕

Note that whereas exhibit 2 shows only the first content panel expanded, one or more content panels can be expanded simultaneously as needed.

**What to Submit**

Please compress the *YourNameCSIS3380-AS2* folder you were told to create under instructions above and upload your work to the Blackboard.

**Due Date: Friday, November 16 at 11:59 pm (end-of-day)**