COMP 2537 – Web Development 2

Assignment 2

BCIT CST — Due: May 9th, 11:59 PM

Late submissions result in zero

This is a project group submission (groups based upon your COMP 2800 course)

Introduction

You are going to practice making an app that does CRUD: Create, Read, Update, and Delete using MySQL and Node.js

Details

Use your COMP 2800 project context to create an app in Node.js that connects to a MySQL database and that allows records of your choosing to be added, edited, and deleted. Requirements are:

- Records:
  - Must have at least 10 records
  - Must have at least 5 attributes
- Client-front end must allow any field in a record to be updated (which means it updates the DB record), any record to be deleted, and new records to be added (like the lecture example)
- Must use MySQL
- Must use AJAX to make calls to the server (from the client)
- The server must be Node.js and connect to MySQL for its data
- Your app client-side must use mid-to-high fidelity – no placeholders, and style your HTML (e.g, tables have every 3rd row a different color)
- The server serves up the index.html document
- The index.html document references any/all CSS, JS files
- You can use libraries (e.g., Bootstrap for CSS, EJS for JS templating)

Submission Requirements

Zip up your submission and upload to the COMP 2537 learning hub "Assignment 2" folder, one submission from each group.

The uploaded app must contain all of your names, full names and student IDs that show up in the main page. Failure to do so will result in not getting marked for work done.

Grading Scheme

Your assignment will be marked out of 20:

- 3 marks for each of the: Create, Read, Update, and Delete actions (12 marks in total)
- 4 marks for the client side code (HTML, CSS, JS)
- 4 marks for the server-side (JS, SQL)

You will lose marks for:

- **Not using strict**
- Invalid code of any type
- Runtime errors
- Not following the requirements of the assignment
- Using variable names or file names that are very clearly example code or example files (e.g., lab7-starter.js)
- Content that is boilerplate (e.g., dummyimage images, lorem ipsum)

If you have questions pertaining to any design choices, please see your lab instructor or lecture instructor.

Submit naming format:

> Your zip file containing your source code files in a zip named COMP2537-assignment2-<lastname>-<firstname>.zip (only one zip file for all source code) and only one submission per project group