

## **CS 456 – Web Programming (Spring 2026)**

### **Web Project Assignment #2 – Form and JavaScript**

**Grade:** 10 points (which is 10% of the semester)

**Due Date:** Set on Moodle.

**Late Submissions:** There is a cumulative penalty of -0.5 points per day after the deadline. After one week of the due date, late submissions will no longer be accepted.

### **Assignment**

The students should continue using the same groups and the same web project from Assignment #1. Your team must increment your existing web project with the additions detailed below.

**Insertion Form.** You must create an HTML form with the purpose to insert/add/create some sort of data that is relevant to your application domain. For example, a web site that handles/manage/sells music could have forms for adding new song, album, artist, performer, or etc. Whether this form should be accessible to every user or just an administrator, it is not important for this assignment. The form display, layout, and formatting must match your web site design. This form should also adapt to an extra small screen size. There is one major constraint for the form: it cannot be a User Registration or any variation on user creation (those are reserved for classroom examples).

**JavaScript DOM Manipulation.** You also must add to your web page, a DOM manipulation by using regular JavaScript. You may not use other libraries like jQuery. The DOM manipulation should hide and show a component (or texts) in your website. To do this, you need to set the attribute style or class with the appropriate CSS properties. Some suggestions for this part of the assignment (you only need to do one of those):

- Create a button to show a form (can be the same form for the other part of this assignment) and add a “cancel” button to the bottom of the form to hide it again.
- Create helper texts for the input fields in a form and have a toggle button to display / hide this information.
- Create a link/button with “Next page” or “Read More” which will hide the current text in the main content part of the website and display a different text on the same place with a new link/button called “Previous page” which will do the opposite.

The above list are only suggestions, any DOM manipulation that hides and shows components in your website are acceptable for this assignment.

Commit all the necessary files to make your website work in your GitHub repository. In the Moodle entry for this assignment just submit the link to your GitHub repository as a way to mark your delivery. Only one person per team needs to submit. Any questions, issues, or concerns, please contact the professor as soon as possible.