

San José State University  
Department of Computer Engineering

CMPE 280

Section 4

# Web UI Design and Development

Spring 2018

Instructor: Ron Mak

## Assignment #2

**Assigned:** Thursday, February 15

**Due:** Monday, February 26 at 11:59 pm

**Team assignment**, 100 points max

### JavaScript input validation and interactivity

Incrementally develop your prototype code from Assignment #1 to become potentially useful code for your final team project. (You can start over with new code.)

On the client side:

- At least one HTML form.
- Layout and formatting with CSS, including a page header and a sidebar.
- User input validation with JavaScript and/or CSS.
- User interactivity with JavaScript that does not involve the server code. (It all happens in the browser only.)

This assignment is primarily about the client side. Make any necessary changes to your server-side Express code to make your client-side components work.

### What to turn in

Write a brief (2 or 3 pages) report that describes what input validation and interactivity features you added on the client side. Mention any improvements you may have made on the server side. Include any necessary instructions to run your code, such as port numbers and any login usernames and passwords.

There should be one submission per team. If there are multiple files, create a single zip file containing the files, and name the zip file after your team.

Submit to Canvas: **Assignment #2**.

## Rubric

Your prototype will be graded according to these criteria:

Criteria	Maximum points
<ul style="list-style-type: none"><li>• Well-written HTML code.</li></ul>	<ul style="list-style-type: none"><li>• 20</li></ul>
<ul style="list-style-type: none"><li>• Well-written CSS code including a header and a sidebar.</li></ul>	<ul style="list-style-type: none"><li>• 20</li></ul>
<ul style="list-style-type: none"><li>• Good input validation with JavaScript and/or CSS (as described in your report and runnable by the grader).</li></ul>	<ul style="list-style-type: none"><li>• 30</li></ul>
<ul style="list-style-type: none"><li>• Good user interactivity with JavaScript (as described in your report and runnable by the grader).</li></ul>	<ul style="list-style-type: none"><li>• 30</li></ul>