

San José State University  
Department of Computer Engineering

CMPE 280

Section 4

# Web UI Design and Development

Fall 2017

Instructor: Ron Mak

## Assignment #3

**Assigned:** Thursday, September 28  
**Due:** Monday, October 9 at 11:59 pm  
**Team assignment**, 100 points max

### jQuery and jQuery UI

Add jQuery and jQuery UI widgets to your web application. Use a jQuery theme. For this assignment, you must use jQuery and jQuery UI.

Include at least one on-screen object (it can be the same object) that is

- resizable
- dragged and dropped

Use jQuery UI widgets:

- AJAX tabs (use either the Apache webserver or node.js on the server side)
- At least two other interactive widgets

### Report

Write a short informal report that highlights the jQuery and jQuery UI features of your application:

- The purpose of each feature in the context of your application.
- How the feature behaves in your application. (You can use screenshots.)
- How you implemented the feature. (Show the code.)

## What to turn in

Submit to Canvas: **Assignment #3**.

- Your **.html**, **.js**, and **.css** files.
- Your report.

## Rubric

Your prototype will be graded according to these criteria:

Criteria	Max points
<ul style="list-style-type: none"><li>• Resizable jQuery UI object.</li><li>• Dragged and dropped jQuery UI object.</li><li>• AJAX tabs.</li><li>• Interactive jQuery UI widget #1</li><li>• Interactive jQuery UI widget #2</li></ul>	<ul style="list-style-type: none"><li>• 10</li><li>• 10</li><li>• 20</li><li>• 15</li><li>• 15</li></ul>
<ul style="list-style-type: none"><li>• Report about your jQuery and jQuery UI features<ul style="list-style-type: none"><li>○ purposes</li><li>○ behaviors</li><li>○ implementations</li></ul></li></ul>	<ul style="list-style-type: none"><li>• 30<ul style="list-style-type: none"><li>○ 10</li><li>○ 10</li><li>○ 10</li></ul></li></ul>