

San José State University
Department of Computer Engineering

CMPE 280

Section 2

Web UI Design and Development

Spring 2018

Instructor: Ron Mak

Assignment #3

Assigned: Thursday, March 1

Due: Friday, March 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** a zip file containing:

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