

San José State University
Department of Computer Engineering

CMPE 280
Section 2

Web UI Design and Development

Spring 2020

Instructor: Ron Mak

Assignment #4

Assigned: Thursday, February 27, 2020

Due: Friday, March 6 at 11:59 pm

Team assignment, 100 points

jQuery UI

Add jQuery UI features to your web application. Use a theme, which can either be one you that chose from the ThemeRoller or one that you customized. Use widgets.

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

You may use other client-side libraries and toolkits in your final project, but for this assignment, you must include jQuery UI.

References

- jQuery UI: <https://jqueryui.com>
- ThemeRoller: <https://jqueryui.com/themeroller/>

Report

Write a short informal report that highlights the 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 code snippets.)

What to turn in

Submit to Canvas: **Assignment #4** a zip file containing:

- Your `.html`, `.js`, and `.css` files.
- Any server-side code.
- Your report.

Rubric

Your prototype will be graded according to these criteria:

Criteria	Max points
jQuery UI features	70
○ Theme	○ 10
○ Resizable object	○ 10
○ Dragged and dropped object	○ 10
○ AJAX tabs	○ 10
○ Interactive widget #1	○ 15
○ Interactive widget #2	○ 15
Report	30
○ Purposes	○ 10
○ Behaviors	○ 10
○ Implementations	○ 10