

San José State University  
Department of Computer Engineering

CMPE 280  
Web UI Design and Development  
Spring 2020  
Instructor: Ron Mak

## Assignment #2

**Assigned:** Thursday, February 6  
**Due:** Monday, February 17 at 11:59 pm  
**Team assignment**, 100 points max

### Prototype

Use HTML, CSS, node.js, and Express to create a prototype of your project. Remember that the purpose of a prototype is to elicit more accurate requirements from your client, who can also validate that you are on track to building the right application. A prototype is **not** expected to be a polished application.

You can prototype any of the three use cases that you described for Assignment #1, or you can do something completely different. But your prototype should show more than logging in and logging out. Demonstrate a key functionality.

Your prototype does not need to use any actual data from the backend. Instead, your serverside code can simply use hardcoded data.

Do not use any client-side tools such as React for this assignment.

### What to turn in

There should be one submission per team. Create a single zip file containing all the source files of your project, but do **not** include the `node_modules` directory. Name the zip file after your team, for example, **SuperCoders.zip**. The ISA will attempt to run each prototype, so make sure you can easily run yours from the command line.

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

## Rubric

Your prototype will be graded according to these criteria:

Criteria	Maximum points
<b>Clientside web pages</b>	<b>45</b>
<ul style="list-style-type: none"><li>• Good HTML code.</li><li>• At least one HTML form.</li><li>• Use of CSS for basic formatting and layout.</li></ul>	<ul style="list-style-type: none"><li>• 15</li><li>• 15</li><li>• 15</li></ul>
<b>Serverside code</b>	<b>45</b>
<ul style="list-style-type: none"><li>• Good routing code.</li><li>• Good controller code.</li><li>• Good dynamic page generation.</li></ul>	<ul style="list-style-type: none"><li>• 15</li><li>• 15</li><li>• 15</li></ul>
<b>Demonstrate a key functionality</b>	<b>10</b>