

Jon-Eric Cook
CS290
Activity: Practice!

I chose to follow the suggested mini project as seen below:

— — —

As an example mini project that would cross off several of these at once (you don't need to do this, but if you need inspiration feel free to use it) , you could extend the to-do list application. Allow the user to add to-do items, the cities those to-do items need to happen in and minimum temperatures.

Then make HTTP calls to Open Weather Map to check if the weather is good enough right now to do them. If it is, highlight it in green, if not highlight it in red. This will check you understanding of sessions, making many HTTP requests and dealing with JSON returned by the server.

You would still want to make sure you can make HTTP POSTs from the server but if you did that all your bases will be covered.

— — —

I was successfully able to add the form inputs so the user could add a description, location and minimum temperature. I was able to successfully make a request to Open Weather for the submitted city. See below:

Hello Dave. Here is your To Do List!

You have 1 items on your to do list.

Description: City: Min temp:

- **wash the car**
- **Lodi**
- **76**

Where I struggled and was eventually unable to get, was changing the text color of the task. In the above picture, I set the minimum temperature to 76. So by the above prompt, if the temperature returned by Open Weather is equal to or above 76, the text should be green, else,

it should be red. I couldn't for the life of me figure out a way to get it to work. You can see that the returned temperature was above 76.

```
$ node intSessions.js
express-session deprecated undefined resave option; provide resave option intSessions.js:11:9
express-session deprecated undefined saveUninitialized option; provide saveUninitialized option intSessions.js:11:9
Express started on http://localhost:3000; press Ctrl-C to terminate.
[]
[ { name: 'wash the car', city: 'Lodi', minTemp: '76', id: 0 } ]
82.4
```

```
request('http://api.openweathermap.org/data/2.5/weather?q=' + context.name
if(!err && response.statusCode < 400){
  body = JSON.parse(body);
  console.log(body.main.temp);
  context.respTemp = body.main.temp;
```

So, essentially this was the most difficult thing to try and accomplish. It would be awesome to get feedback and direction on how to do this.

You can see the logic I tried.

```
if (context.respTemp < context.minTemp)
{
  context.color = false;
}
else
{
  context.color = true;
}
```

```
</form>
{{#if todo}}
<ul>
  {{#each todo}}
    <li>
      {{#if this.color}}
        <h3 style="color: green;">{{this.name}}</h3>
      {{else}}
        <h3 style="color: red;">{{this.name}}</h3>
      {{/if}}
    </li>
  </each>
</if>
</ul>
</form>
```

As a side note. I feel like I really hacked this together. I do not feel confident in my abilities when it comes to web dev. I don't blame myself or you guys. It's tough though, with multiple classes and life. I feel like I am skimming the top. That may be the intentions of this course. I know there couldn't be too much depth in only a 10 week course. I know I'm trying my best though!