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CS 494  
Final Project

## Project Description

The intention of this project was to make a Node.js application with Express.js to help friends buy and maintain a liquor cabinet for social gatherings and cocktail parties.

In addition to using Node.js and Express.js, 'Boozefund' uses a mySQL database accessed through the node-mysql module to access data. User passwords are hashed using Node.js cryptographic libraries and stored in the database with password salts. Logged in users are given a session object with user information upon login. This project goes above and beyond the scope of the class by using these tools and by requiring frequent use of asynchronous javascript methods and lots of troubleshooting and debugging to deploy on an Amazon EC2 instance.

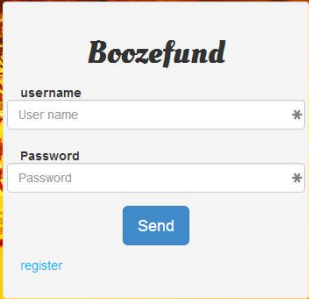
Currently, users are directed to a database query page when they log in. This is due to this process taking a significantly longer portion of the project time than anticipated. In the future, I hope to add additional functionality to the project.

## Ajax Call Example

This is an example ajax call from the dataView page that displays a success or error message to the user depending on the response from the server.

```
if(action === 'voteAdd') {
    $.ajax({
        type: "POST",
        url: "/data/voteAdd",
        data: voteData,
        success: function() {
            $("#voteMessage").html("<p class='bg-success'>vote added successfully<p>");
        },
        error: function() {
            $("#voteMessage").html("<p class='bg-danger'>Error adding vote<p>");
        },
        dataType: 'json'
    });
}
```

## Screenshots

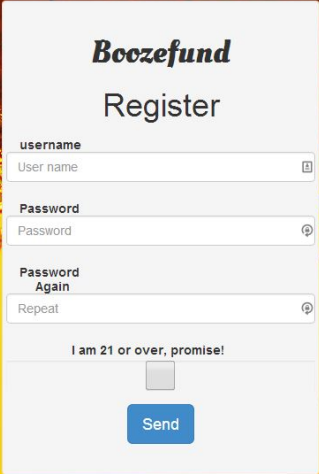


**Boczefund**

**username**  
User name \*

**Password**  
Password \*

[register](#)



**Boczefund**

**Register**

**username**  
User name

**Password**  
Password

**Password Again**  
Repeat

I am 21 or over, promise!  
☐

## Boozefund Data

Boozefund data page. Please select add,update,or delete from each form before submitting.

For update or delete actions, username, name, group, or booze fields must reference existing entry.

### Users

Username	Tab
bob	0
Jessie	0
John	0
Carl	0
Auser	34
Another	13

**\*\*Bootstrap form-control and radio button syntax threw a LOT of errors\*\***  
login page

Errors found while checking this document as HTML5!		
Result:	2 Errors, 4 warning(s)	
Source:	<pre>&lt;!DOCTYPE html&gt;&lt;html&gt;&lt;head&gt;&lt;title&gt;Boozefund App&lt;/title&gt;&lt;script src="http://ajax.googleapis.com/ajax/libs/jquery/1/jquery.min.js"&gt;&lt;/script&gt;&lt;link rel="stylesheet" href="http://fonts.googleapis.com/css?family=Oleo-Script:700"&gt;&lt;link rel="stylesheet" href="//stylesheets/bootstrap.min.css"&gt;&lt;link rel="stylesheet" href="//stylesheets/style.css"&gt;&lt;script src="//javascripts/bootstrap.min.js"&gt;&lt;/script&gt;&lt;style type="text/css"&gt;&lt;/style&gt;&lt;/head&gt;&lt;div class="container"&gt;&lt;div class="row"&gt;&lt;/div&gt;&lt;div class="col-md-4 col-md-offset-4"&gt;&lt;div class="well"&gt;&lt;div id="page-header" class="text-center boozee- heading"&gt;&lt;h1&gt;Boozefund&lt;/h1&gt;&lt;/div&gt;&lt;div id="login-form"&gt;&lt;form action="/login" method="post" class="form-horizontal"&gt; &lt;fieldset&gt;&lt;div class="form-group"&gt;&lt;label for="username" class="control-label"&gt;Username&lt;/label&gt;&lt;div class="col-md-9"&gt; &lt;input type="text" name="username" placeholder="User name" id="username" class="form-control" style="cursor: auto; background-image: url(data:image/png;base64,iVBORw0Kg0AAANStUeUgAAABAAAAACAYAAABSO15gAAAAEJLR0QA/w/AP+gysTAAACBIXN0GAAATAAALEwEAmPyA AAAAAR3JUVU93PdsPhns3LcOZQAAsUJREPU0mVdkzFLA0Egnd/b071IYmkLcUopLAQA6K3Maaavt9BeIgnvLHFJrchEBER7cGwG1DY2S1IQBT/gDaCoGdudi </pre>	
Encoding:	utf-8	utf-8 (Unicode, worldwide)
Doctype:	HTML5	HTML5 (experimental)
Root Element:	html	

## registration page

Errors found while checking this document as HTML5!		
Result:	5 Errors, 5 warning(s)	
Source:	<pre>&lt;!DOCTYPE html&gt;&lt;html&gt;&lt;head&gt;&lt;title&gt;Boozefund App&lt;/title&gt;&lt;script src="http://ajax.googleapis.com/ajax/libs/jquery/1/jquery.min.js"&gt;&lt;/script&gt;&lt;link rel="stylesheet" href="http://fonts.googleapis.com/css?family=Oleo&amp;Script=700"&gt;&lt;link rel="stylesheet" href="/stylesheets/bootstrap.min.css"&gt;&lt;link rel="stylesheet" href="/stylesheets/style.css"&gt;&lt;script src="/javascripts/bootstrap.min.js"&gt;&lt;/script&gt;&lt;html&gt;&lt;body&gt;&lt;div class="container"&gt;&lt;div class="row"&gt;&lt;div class="col-md-4 col-md-offset-3"&gt;&lt;div class="well"&gt;&lt;div id="page-header" class="text-center booze-heading"&gt;&lt;h1&gt;Boozefund&lt;/h1&gt;&lt;/div&gt;&lt;div id="page-header" class="text-center"&gt;&lt;h1&gt;Register&lt;/h1&gt;&lt;/div&gt;&lt;div id="registration-form"&gt;&lt;div&gt;&lt;form action="/register" method="post" class="form-horizontal"&gt;&lt;fieldset&gt;&lt;div class="form-group"&gt;&lt;label for="username" class="col-md-3 control-label"&gt;Username&lt;/label&gt;&lt;div class="col-md-9"&gt;&lt;div&gt;&lt;input type="text" name="username" class="placeholder"&gt;&lt;/div&gt;&lt;/div&gt;&lt;div class="form-control" style="background-image: url(data:image/png;base64,iVBORw0KGgoAAAANSUhEUgAABAAAAAAACAYAAAE8/9bAAABHkEiQVQ4EaVTC2DQ8D1ohQWAs2lg9YbZAK7HnWx2ToVf4UFQ0J1qJdKkterIpel8ARNUk6dMxKpgSa1EaTV3ax7uzt1Td2u/98DyCw3Dued4Wno/H2A1Si2V1aEay9+q1wHEly1Yt1PQ69S9aXxkWIA4RMRTdNsKE</pre>	
Encoding:	utf-8	utf-8 (Unicode, worldwide)
Doctype:	HTML5	HTML5 (experimental)
Root Element:	html	

## data page

Jump To:

Notes and Potential Issues

Validation Output

Errors found while checking this document as HTML5!

Result:

39 Errors, 20 warning(s)

Source:

<!DOCTYPE html><html><head><title>Boozefund App</title><script  
src="http://ajax.googleapis.com/ajax/libs/jquery/1/jquery.min.js"></script><style type="text/css"></style><link  
rel="stylesheet" href="http://fonts.googleapis.com/css?family=Oleo+Script:700"><link rel="stylesheet"  
href="/stylesheets/bootstrap.min.css"><link rel="stylesheet" href="/stylesheets/style.css"><script  
src="/javascripts/bootstrap.min.js"></script></head><body><div id="heading" class="container-narrow"><div class="row"><div  
class="col-md-6 col-md-offset-3"><div class="page-header"><h1>Boozefund Data</h1></div><p>Boozefund data page. Please  
select add,update,or delete from each form before submitting.</p><strong>For update or delete actions, username, name,  
group, or booze fields must reference existing entry.</strong></div></div><div id="users" class="container-narrow">  
<div class="row"><div class="col-md-6 col-md-offset-3"><div class="page-header"><h1><strong>Users</strong></h1></div>  
<table class="table table-striped"><tbody><tr><th>Username</th><th>Tab</th></tr><tr><td>bob</td><td>0</td></tr><tr>  
<td>Jessie</td><td>0</td></tr><tr><td>John</td><td>0</td></tr><tr><td>Carl</td><td>0</td></tr><tr><td>Auser</td>  
<td>34</td></tr><tr><td>Another</td><td>13</td></tr><tr><td>user</td><td>34</td></tr><tr><td>again</td><td>45</td></tr>

Encoding:

utf-8

utf-8 (Unicode, worldwide)

Doctype:

HTML5

HTML5 (experimental)

Root Element:

html

**\*\*because this project is completely javascript, no php -l command data can be given\*\***