

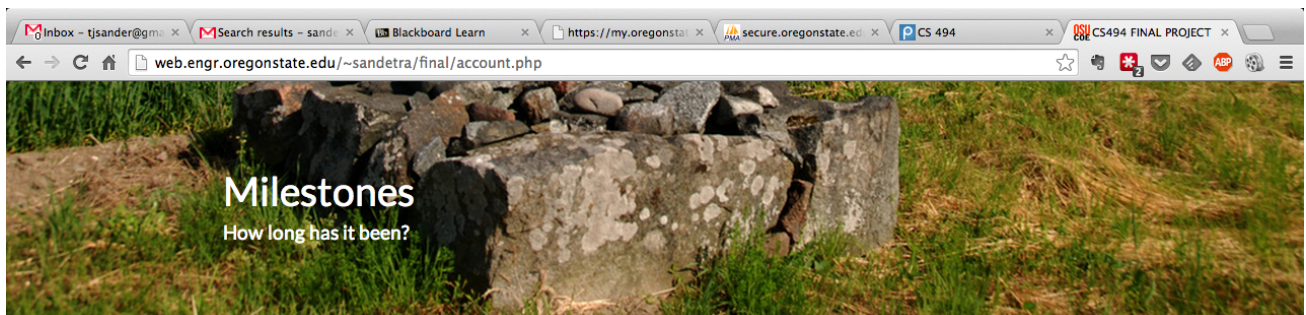
Username  Password

Don't have an account? [Create one!](#)

[Try the demo!](#)

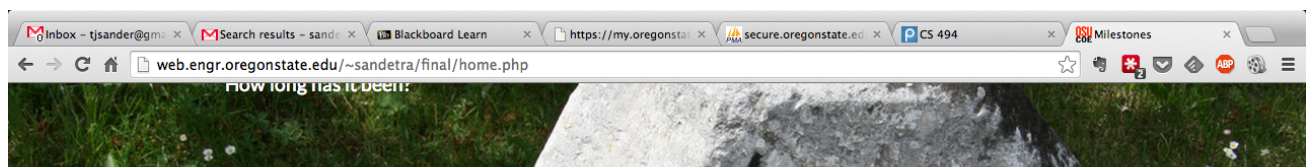
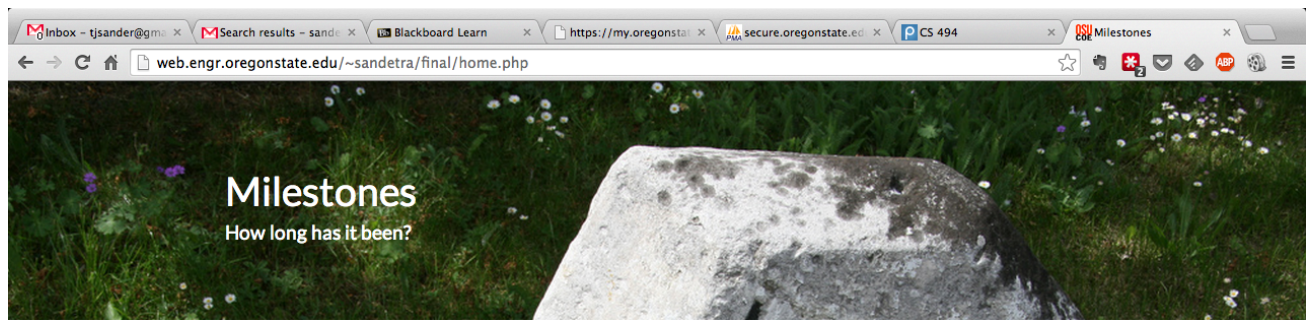
The safest road to hell is the gradual one - the gentle slope, soft underfoot, without sudden turnings, without milestones...

C.S. Lewis —



Create an account

[Home](#)



Milestones uses [MomentJS](#), [bootstrap-datepicker](#). Written by Travis J. Sanders for CS494 Final Project

Login button function from index.php:

```
$('#sub1').on('click', function() {
  $.ajax({
    type: "POST",
    url: "validate.php",
    data: {userIn: $('#userIn').val(),
    passwordIn: $('#passwordIn').val(),
  }
}).done(function(data, info){
  if(data == "SUCCESS") {
    window.location = "home.php";
  } else {
    $("#errorfield").empty();
    $("#errorfield").append(data);
    $('.emailgroup').removeClass("has-success");
    $('.emailgroup').addClass("has-error");
  }
}).fail(function(jqXHR, statusCode, errorThrown) {
  $("#errorfield").empty();
  $("#errorfield").append("The error message was: " + errorThrown + "");
});
});
```

## Project Description

I wanted to make a to-do application that focused on short-term goals for the present and long-term accomplishments in the past. I quit smoking a little over three years ago, and looking at the amount of time that's passed since my last cigarette really helped me early on in that process. So, as 'milestones' get closer to the present they become redder and as they get further away from the present, they become greener. I spent a ton of time on styling and learning more **Bootstrap** css tricks.

*I used three libraries outside of the scope of the course.* For starters, (like about half of the class), I used **PHPass** to hash and validate my passwords. I didn't feel entirely comfortable being able to see the passwords people were logging into my site with, final project or not. This was an interesting look into security. I thought that each password string would hash to the same hash string, but identical passwords have very different hashes.

To do the date comparison, I use a library called **MomentJS**. It's extremely simple to use. Calling the function `moment()` returns the current date and time in a JS object that can be compared to other moments, extended for any duration as a time span, outputted to any number of different date and time formats, and described in relation to the present in human-understandable language. There weren't any functions to represent time as a percentage, so I had to roll my own color gradients using the array of events min / max and the current `moment()` to calculate percentages. (I spent a lot of time on the colors.)

User input was a potential source of extremely huge headaches when it came to date validation, so I found another library to do it for me. **bootstrap-datepicker** required a bit more css and js installation than the other libraries, but it was well worth it. There's a nice visual interface to tap

in dates, input as a string works extremely well, and it prevents the user from entering anything that isn't a valid date.

## home.php validation (direct input)

validator.w3.org/check

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Check the markup (HTML, XHTML, ...) of Web documents

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**This document was successfully checked as HTML5!**

<b>Result:</b>	Passed, 2 warning(s)
<b>Source:</b>	<pre>&lt;!DOCTYPE html&gt; &lt;html lang="en"&gt;&lt;head&gt; &lt;title&gt;Milestones&lt;/title&gt; &lt;meta charset="UTF-8"&gt; &lt;link rel="stylesheet" type="text/css" href="css/bootstrap.min.css"&gt; &lt;link rel="stylesheet" type="text/css" href="css/datepicker3.css"&gt; &lt;style type="text/css"&gt;&lt;/style&gt; &lt;meta name="viewport" content="width=device-width, initial-scale=1"&gt; &lt;style id="clearly_highlighting_css" type="text/css"&gt; /* selection */ html.clearly_highlighting_enabled ::-moz-selection { background: rgba(246, 238, 150, 0.99); } html.clearly_highlighting_enabled ::selection { background: rgba(246, 238, 150, 0.99); } /* cursor */ html.clearly_highlighting_enabled { /* cursor and hot-spot position -- requires a default cursor, after the URL one */ cursor: url("chrome-extension://pioclpoplcbdaefihamjohnnefbikjilc/clearly/images/highlight--</pre>
<b>Encoding:</b>	utf-8 (detect automatically)
<b>Doctype:</b>	HTML5 (detect automatically)
<b>Root Element:</b>	html

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The W3C validators rely on community support for hosting and development. [Donate](#) and help us build better tools for a better web.

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## Demo.html validation (demo.php is nearly identical to home.php but without redirects)

validator.w3.org/check?uri=http%3A%2F%2Fweb.engr.oregonstate.edu/~sandetra/final%2Fdemo.html&charset=%28detect...

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Check the markup (HTML, XHTML, ...) of Web documents

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**This document was successfully checked as HTML5!**

<b>Result:</b>	Passed, 1 warning(s)
<b>Address:</b>	http://web.engr.oregonstate.edu/~sandetra/final/demo.html
<b>Encoding:</b>	utf-8 (detect automatically)
<b>Doctype:</b>	HTML5 (detect automatically)
<b>Root Element:</b>	html

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**Options**

☐ Show Source ☐ Show Outline ☒ List Messages Sequentially ☐ Group Error Messages by Type

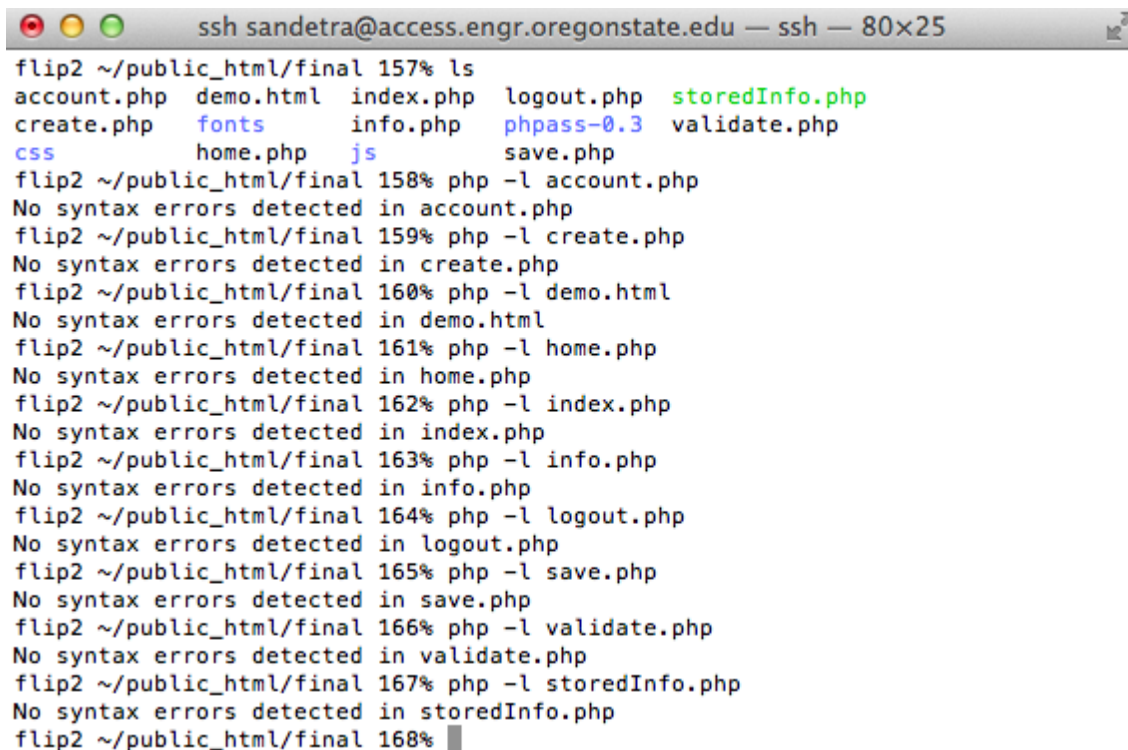
☐ Validate error pages ☐ Verbose Output ☐ Clean up Markup with HTML-Tidy

[Help](#) on the options is available. [Revalidate](#)

Additional logins for testing:

user1	password1
user2	password2
user3	password3

...



```
ssh sandetra@access.engr.oregonstate.edu — ssh — 80x25
flip2 ~/public_html/final 157% ls
account.php  demo.html  index.php  logout.php  storedInfo.php
create.php   fonts      info.php   phpass-0.3  validate.php
css          home.php   js         save.php
flip2 ~/public_html/final 158% php -l account.php
No syntax errors detected in account.php
flip2 ~/public_html/final 159% php -l create.php
No syntax errors detected in create.php
flip2 ~/public_html/final 160% php -l demo.html
No syntax errors detected in demo.html
flip2 ~/public_html/final 161% php -l home.php
No syntax errors detected in home.php
flip2 ~/public_html/final 162% php -l index.php
No syntax errors detected in index.php
flip2 ~/public_html/final 163% php -l info.php
No syntax errors detected in info.php
flip2 ~/public_html/final 164% php -l logout.php
No syntax errors detected in logout.php
flip2 ~/public_html/final 165% php -l save.php
No syntax errors detected in save.php
flip2 ~/public_html/final 166% php -l validate.php
No syntax errors detected in validate.php
flip2 ~/public_html/final 167% php -l storedInfo.php
No syntax errors detected in storedInfo.php
flip2 ~/public_html/final 168% █
```