

Final Project Report - Platypus Spring 2015

Title: Platypus

Who: Paige Alleman, Caleb Hsu, Amos Leo Kim, Thomas Wagner, Mitchell Lewis

Methodologies: Agile, Pair Programming

Project Tracker: Trello <https://trello.com/b/RJYTYbXx/platypus>

Project Plan:

VCS: Git Hub https://github.com/leokim89/CSCI3308_Project1

Member Contributions:

Paige Alleman: Pair programming with Caleb for CSS and HTML templates (the ones I made without CSS were never used), Auto documentation

```
div id="sidebar">
  <div style="text-align: center; margin-top: 84px">
    
  </div>
  <div id="main">
    <div class="btn-group">
      <button type="button" class="navfont" onClick="window.location.href='/matchApp/addcourses/'>Add<br/><button type="button" class="navfont" onClick="window.location.href='/matchApp/logout/'>Logout<br/></button>
    </div>
    <div id="classInfoBlock">
      <div id="title">Welcome!</div>
      <p class="title">You currently Enrolled In:</p>
      <ul style="list-style-type: none; padding-left: 0;">
        <li>({ for course in course_list )>
          <p id="descourseList">{course}</p>
        </li>
      </ul>
      <button class="matchbutton" onClick="window.location.href='/matchApp/classpage'">View More<br/></button>
    </div>
  </div>
</div>
```



Platypus

Welcome to Platypus!!

Username:
Password:

What is Platypus?

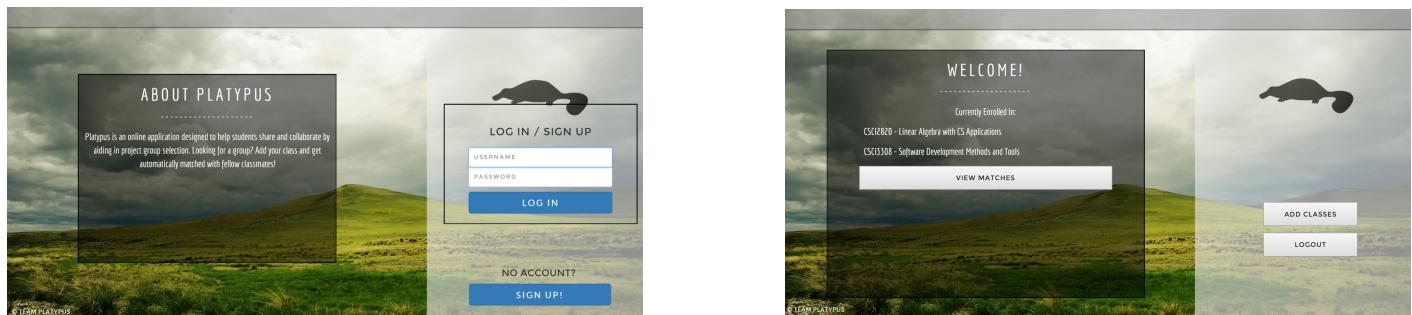
Platypus is an online application designed to help students share and collaborate by aiding in project group selection! Our goal is to have Platypus be the new social media platform of academia.

Amos Leo Kim:

Matching algorithms and back-end code, much of it dealing with parsing string literals into data that could be saved to the database.

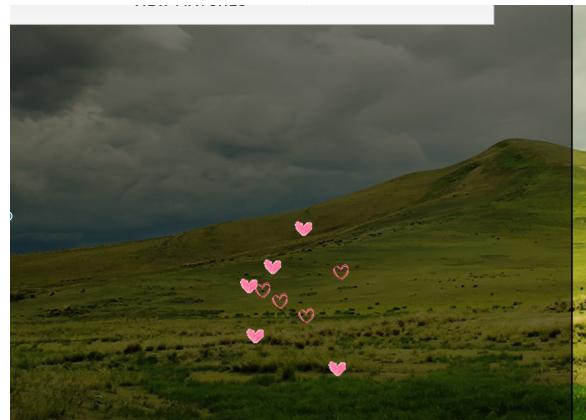
Caleb Hsu:

Most of the HTML/CSS for the site, page planning, navigation, login, and registration

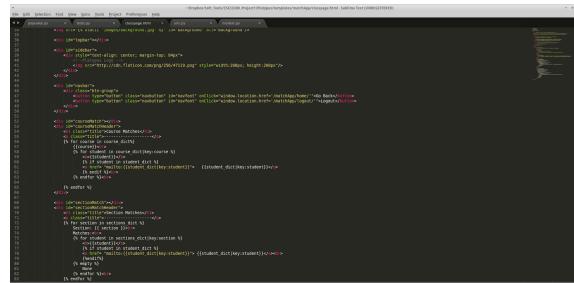
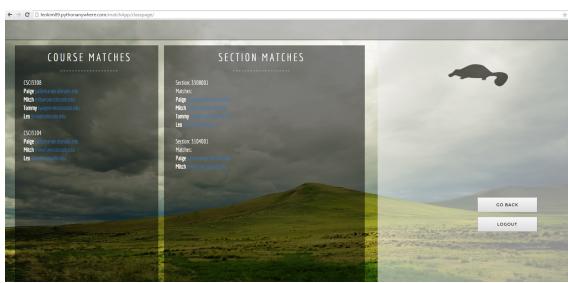


Thomas Wagner: Hearts following cursor, Some CSS (made site neat),

```
51    width: 80%;  
52    margin-left: 10%;  
53    height: 50px;  
54    color: white;  
55    margin-top: 15px;  
56  }  
57  
58 .classbutton {  
59   width: 100%;  
60   height: 30px;  
61   margin-left: 30%;  
62   color: white;  
63   margin-top: 2%;  
64 }  
65  
66 .sectionbutton {  
67   width: 300%;  
68   height: 30px;  
69   margin-left: 220%;  
70   margin-top: 10%;  
71 }  
72  
73 #back {  
74   width: 100px;  
75   bottom: 500px;  
76   right: 200px;  
77   position: fixed;  
78 }  
79  
80 #classnav {  
81   width: 0%;  
82   top: 38%;  
83   left: 23.3%;  
84   position: fixed;  
85   z-index: 1;
```



Mitchell Lewis:



```
self.assertEqual(self.driver.title, "MatchApp", msg="Title is not MatchApp")  
self.assertEqual(self.driver.current_url, "http://leokim89.pythonanywhere.com/matchApp/", msg="URL is not http://leokim89.pythonanywhere.com/matchApp/")  
  
# Test Course Matches  
self.assertListEqual(self.driver.find_element_by_id("courseMatches").text, "COURSE MATCHES", msg="Course Matches title is not COURSE MATCHES")  
self.assertListEqual(self.driver.find_element_by_id("courseMatches").text, "Section 100001", msg="Course Matches section 100001 is not Section 100001")  
self.assertListEqual(self.driver.find_element_by_id("courseMatches").text, "Section 100002", msg="Course Matches section 100002 is not Section 100002")  
self.assertListEqual(self.driver.find_element_by_id("courseMatches").text, "Section 100003", msg="Course Matches section 100003 is not Section 100003")  
self.assertListEqual(self.driver.find_element_by_id("courseMatches").text, "Section 100004", msg="Course Matches section 100004 is not Section 100004")  
self.assertListEqual(self.driver.find_element_by_id("courseMatches").text, "Section 100005", msg="Course Matches section 100005 is not Section 100005")  
  
# Test Section Matches  
self.assertListEqual(self.driver.find_element_by_id("sectionMatches").text, "SECTION MATCHES", msg="Section Matches title is not SECTION MATCHES")  
self.assertListEqual(self.driver.find_element_by_id("sectionMatches").text, "Section 100001", msg="Section Matches section 100001 is not Section 100001")  
self.assertListEqual(self.driver.find_element_by_id("sectionMatches").text, "Section 100002", msg="Section Matches section 100002 is not Section 100002")  
self.assertListEqual(self.driver.find_element_by_id("sectionMatches").text, "Section 100003", msg="Section Matches section 100003 is not Section 100003")  
self.assertListEqual(self.driver.find_element_by_id("sectionMatches").text, "Section 100004", msg="Section Matches section 100004 is not Section 100004")  
self.assertListEqual(self.driver.find_element_by_id("sectionMatches").text, "Section 100005", msg="Section Matches section 100005 is not Section 100005")  
  
# Test Logout  
self.driver.find_element_by_id("LOGOUT").click()  
self.assertEqual(self.driver.current_url, "http://leokim89.pythonanywhere.com/matchApp/", msg="Logout did not log out")
```

Deployment: Python Anywhere <http://leokim89.pythonanywhere.com/matchApp/>

Differences: Over the course of the semester, we realized that many of the things we wanted to include in our web application would not be possible with the time we had, or our experience level. Some adjustments to our aspirations included limiting the available classes to just CS classes at CU Boulder, and also taking away a lot of the social media functionality, which we realized would be too difficult and time consuming. The social media aspect originally included a personalized profile page and built-in chat. However, our intended functionality remains the same. Also, at the beginning of the semester, we elected to pursue an Agile method of development with some elements of Iterfall, but in reality, over time our development method became simply Agile because once the project got going, some of the more structured aspects of Iterfall became unnecessary. Early on, we planned for weekly meetings where we would discuss what we did, what needed to be done, what we would work on as individuals, and any roadblocks we were facing. This was extremely helpful throughout development and really cemented the importance of the Agile methodology.