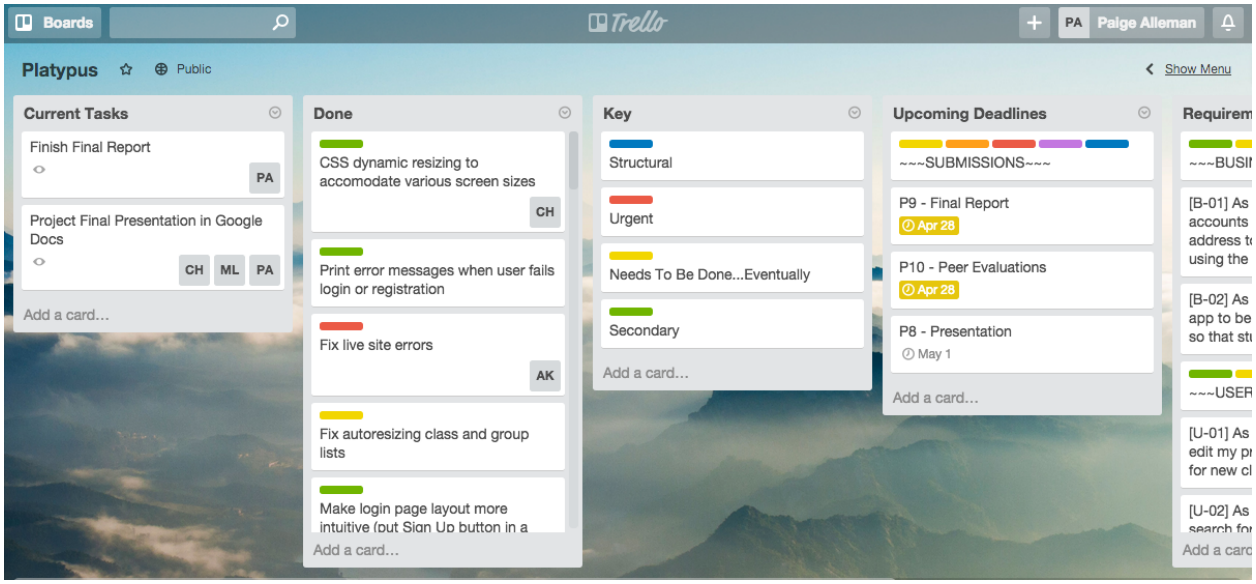
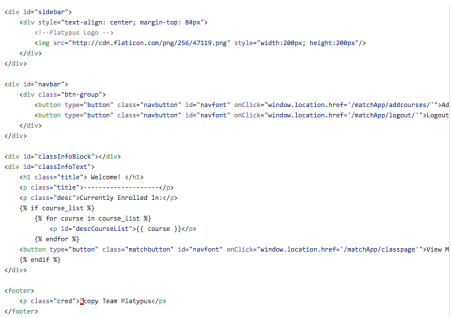
Final Project Report - Platypus Spring 2015

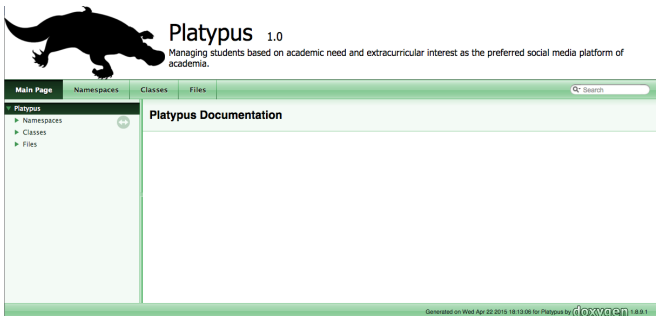
Title: Platypus
Who: Paige Alleman, Caleb Hsu, Amos Leo Kim, Thomas Wagner, Mitchell Lewis
Methodologies: Agile, Pair Programming
Project Tracker: Trello https://trello.com/b/RJYTYbXx/platypus
Project Plan:

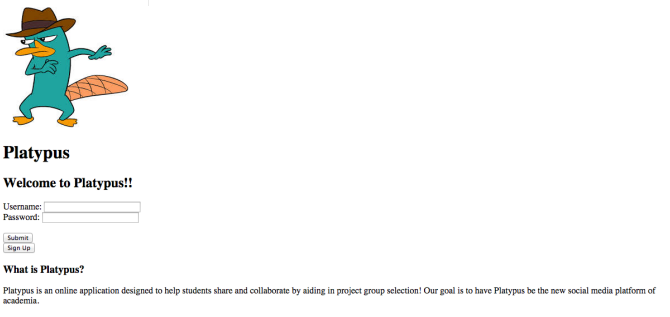


VCS: GitHub https://github.com/leokim89/CSCI3308_Project1
Member Contributions:

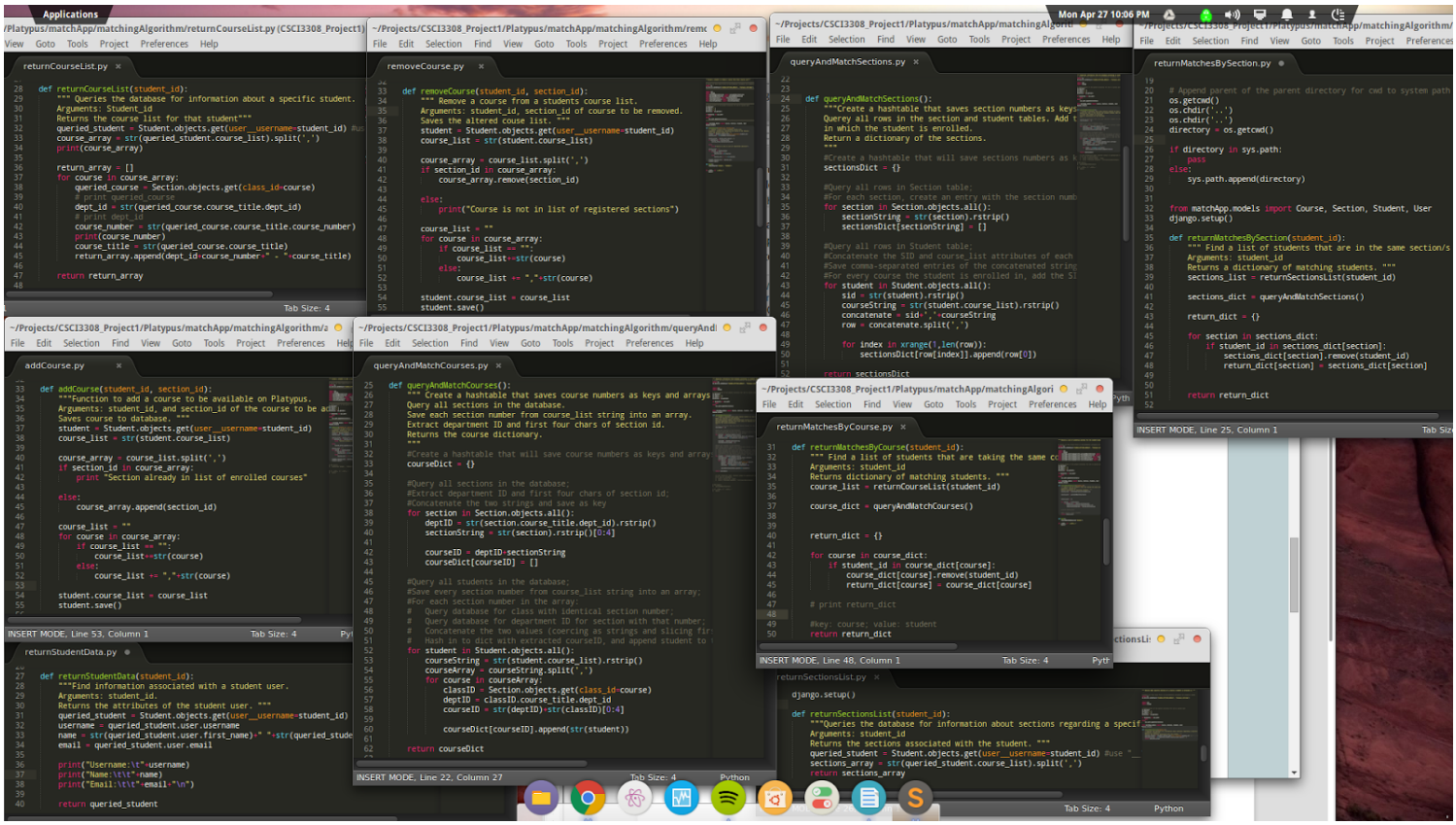
Paige Alleman: Pair programming with Caleb for CSS and HTML, peer code review, templates (the ones I made without CSS were never used), Auto documentation



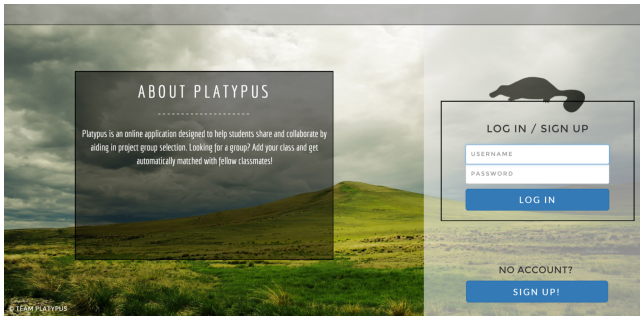


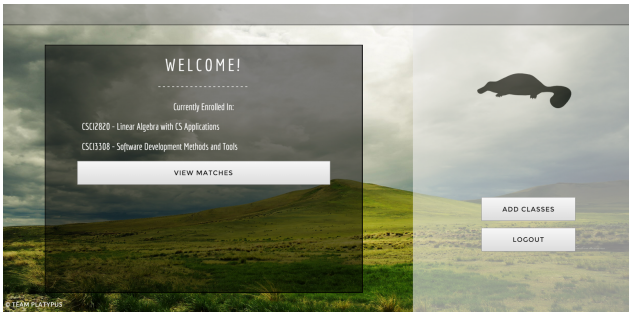


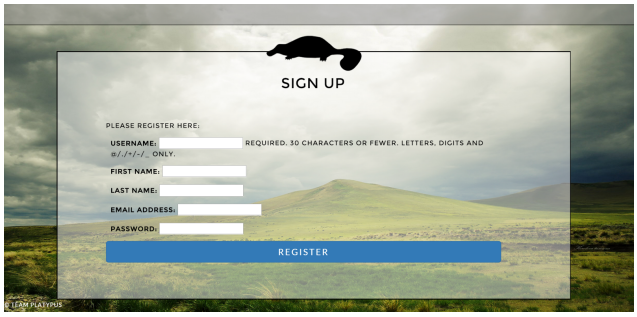
Amos Leo Kim:
Matching algorithms and back-end code, much of it dealing with parsing string literals into data that could be saved to the database.



Caleb Hsu:
Most of the HTML/CSS for the site, page planning, navigation, login, and registration, peer code review

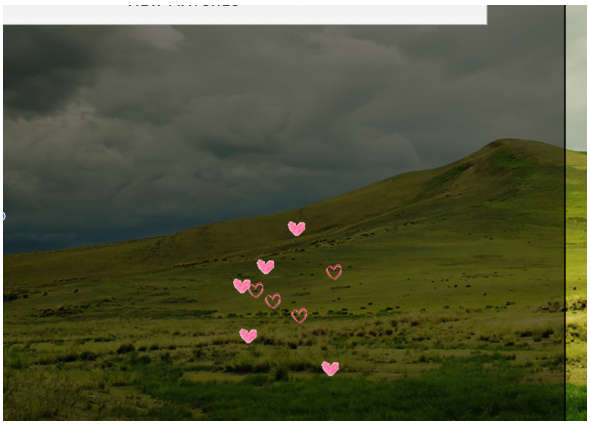




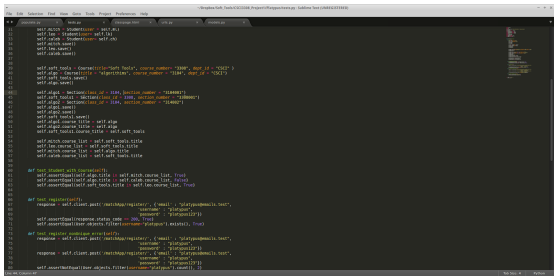


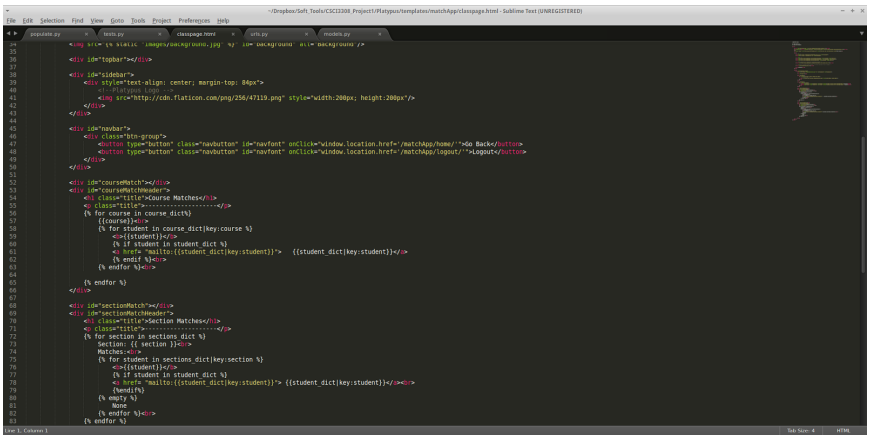
Thomas Wagner: Hearts following cursor, Some CSS (made site neat),

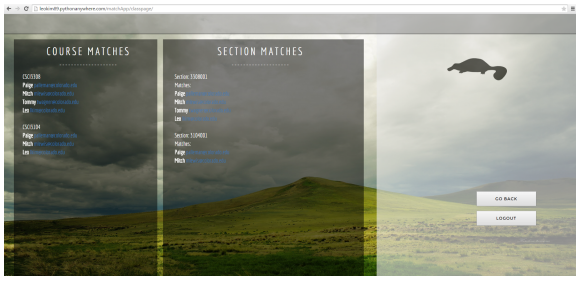
```
    width: 80%;
    margin-left: 10%;
    height: 50px;
    color: white;
    margin-top: 15px;
  }

  .classbutton {
    width: 100%;
    height: 30px;
    margin-left: 30%;
    color: white;
    margin-top: 2%;
  }

  .sectionbutton {
    width: 300%;
    height: 30px;
    margin-left: 220%;
    margin-top: 10%;
  }

  #back {
    width: 100px;
    bottom: 500px;
    right: 200px;
    position: fixed;
  }

  #classnav {
    width: 0%;
    top: 38%;
    left: 23.3%;
    position: fixed;
    z-index: 1;
```



Mitchell Lewis: Worked with the database and ensured that it paired with the rest of the code. Managed login authentication functionality.







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 our experience or time available. Some adjustments to our aspirations included

- limiting the available classes to just CS classes at CU Boulder
- decreasing social media aspects like a personalized profile page and built-in chat
- scrapping helper tools like an auto-scheduler for meetings

which we realized would be too difficult and time consuming to implement. However, our intended functionality remains the same: users are sorted according to class and section, then matched into groups. Also, we initially 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.