

Team Members: Jay McMahon, Logan Cotto, Aaron Traylor, Quentin Small

GitHub: <https://github.com/attraylor/snackeak>

Overview:

Our project is a student organizer that includes a section for their schedule, notes, homework assignments, to do list, contact professor, and team communication forum. The layouts get dynamically updated based on the information in our Django server, and we now have components where students can add their own information.

Our project has remained mostly the same from the last writeup. We have not made any changes in the data model.

Design Overview:

Users can login and logout of our site and see their own data presented. Users can not create their own login, it must be made by an administrator. Their schedule is the first thing that is opened on the index.html page.

The users can also enter in their own information on the site now. They may enter todo's, notes, and may communicate in the group chat through forms. They may also update and delete the todo tasks that they make. This information will be stored in the database and show up on their screen each time they log in again.

Problems/Successes:

We had frequent problems with our models.py file and github. The only way we were able to fix these issues was to delete our database and add in all the information again from scratch. To prevent this from happening again, we figured out that we must change models.py and migrate before we input any data into our database. There were a few occasions where we did not do this in the proper order and could not figure out how to fix it. Once we were around this, however, we had a few successes.

One problem we ran into with the forms is when a user could enter data into different fields corresponding to different classes, and this was not entirely clear at the onset. For example, one user was only registered for one class, and the chat worked fine for that class and user. However, when we tested chat for a user registered to three classes, the forms would not send the correct data to the class.

Once success was when we were creating the filtered schedule for each student. This was handled very smoothly and figured out rather quickly. The smoothest part of this assignment was displaying each student's information on the respective pages.

Team Choice:

Our team chooses to implement a password reset functionality for our final part of the project. This will allow users who have forgotten their password to reset it via email assistance. We will add in the reset button to the login.html page and work from there.

Individual Writeups

Quentin Small:

For this project, I did 25% of the work. I worked on the user authentication part of this project in addition to the “student main” part of this project. On student main, I made it so that the schedule updates based on which user is logged in, displaying the proper schedule like it is supposed to. I also helped create the writeup for this assignment. I believe that we all contributed equally on this assignment like we have on all the others.

Logan Cotto:

Started with bare bones skeleton work for the login and logout pages. Made sure they all worked and were properly connected to each page. Had trouble getting proper pulls using git bash so I focused on debugging code. Has the code ready to start password reset page but unable to commit changes currently. I did about 15% of the work before being unable to commit changes.

Aaron Traylor:

I worked on the forms for the todo, note, and chat fields. It was challenging to get these to work-- the tutorials available online did not generalize well to our project. The most challenging aspect was passing in multiple variables to the form. I did not know very much about forms going into this project and I feel like we suffered for it. I was especially proud of making the edit and delete buttons for the todo tasks. I edited the group writeup after Quentin wrote it. I feel like I did about a quarter of the work on this project. Our team communication skills are great and we work well together, even if the work is challenging at times.

Jay McMahon:

Wrote the filters for the views based on the logged in user. Edited the html templates for all the pages except the schedule one. Fixed the database/models.py when it stopped working (and by fixed I mean deleted and recreated). Made some minor changes to the database structure as needed. Estimating percentages is pretty arbitrary but we all contributed fairly equally to this because none of us are jackasses.