

Team Name: *WIP: Work-in-Progress*

Project Name: *Tibl*

Github Project Link: <https://github.com/jagath-jaikumar/326-Project>

Data model located in project root directory

Team Overview

<i>Team Member Names</i>	<i>Github Usernames</i>
Adam Rivelli	AdamRivelli
Ali Grace	aliaidengrace
Jagath Jai Kumar	jagath-jaikumar
Jeremy Kelleher	Jeremy6462
Sagar Arora	arorasagar

For Project 2 our group created an application that provides a space for students to communicate with other students in classes they're in (or interested in taking), post questions to classroom chat forums, and check out their friend's profile to view their class schedule. When looking at a friend's profile users have access to their current and previous class schedule. If a student sees that their friend has an overlapping class, or a class they're interested in taking, they can engage in private messages if they so choose. Beyond private messaging, there is a class feed discussion forum which is a place for users to make general discussion posts about specific classes. We did not make any major changes to the overall idea or layout of our app since our Project 1 submission.

Design Overview

The app itself will have five views for users to navigate through. The home view will be landing page for the app, and it will contain a list of classes that the user is enrolled in, a list of students that the user can directly message, and a news feed for one of the classes. If the user wants to see a different news feed, he can click on a different class name on the side panel. From the home view, users can go to their own profile view or the profile of another student where they can see what classes that student is currently enrolled in and has taken prior to the current semester. If the user clicks on a class name, they can go to the view of that class where they will see the class roster and which teachers are associated with that class. A final view will be for users to directly message each other.

Problems/Successes

The main obstacle that we faced during this phase was figuring out how to use and link together the URL routing, the view rendering, and incorporating the templating language into our html. We had all completed the homework assignments, but we found it far more difficult to template views without a guide. However, the assignments were a huge help, and we made it through this section of the project by modifying the homework code for our own project.

We had success creating mock data for our project. Even with a minimalist admin page, there were few problems with populating the database through the admin site. Learning to use Git also caused some issues our team due to conflicts when merging the database file, but we quickly overcame them by reading solutions on forums like StackExchange.

Overall, we had negligible issues in communication and collaboration as a group. We organized group meetings in our slack channel and took advantage of our time in class together. In addition, we were diligent about using the Github Issues feature which helped us organize our individual tasks throughout the assignment.

Individual Write Ups:

Adam Rivelli

For this part of the project, I worked with Jeremy to create the data model for the app, and together we configured the models.py file. After this, I converted my static html page, home.html, into a dynamic template, index.html. This also required editing views.py. I would estimate that I did about 20-25% of the work for this part of the group project.

Jagath Jai Kumar

Before beginning work on the project, my group divided the project goals into sections so that we each had to complete 1 template and 1 URL/Style/Database contribution. For this project, I was given the task of mapping the correct URL paths to the appropriate pages in the web app. I was also in charge of templating the Classpage view for the app, and I did so with the help of Adam and Jeremy. Finally, I helped resolve issues with the git repository, and ultimately I merged the appropriate feature branches into master. All in all, I estimate that I did about 20-25% of the project.

Ali Grace

We outlined what needed to be done by the completion of this project and each groupmate was assigned a task. Each of us were responsible for one view template - mine was the friends profile. Sagar and I were responsible for standardizing the UI so each page looked seamless and cohesive. We started outlining this together on a whiteboard - this included radial images for profiles, a search bar, and a set color scheme throughout. I was unable to make it to our last meeting so Jeremy, Adam and Jagath wrapped it up. I was also in charge of creating, editing and finalizing our group write up. I'd estimate I did about 10% of the work for this project.

Jeremy Kelleher

After dividing tasks, I made it a point to add each task as a Github issue. I was given the task of creating the data model with Adam. We completed this data model together on a white board and we diagrammed it out in keynote. After converting it to the django model code, I used Jagath's URL mappings to template the my profile page. I researched for the group how to load data using django from the database with Jagath and helped out with git branches. I'd estimate I did 20-25% of the work for this project.

Sagar Arora

For term project 2, I primarily worked on adding mock data to the database. This involved running the manage.py server and creating multiple classes, sections, students, professors, messages between people, and respective profile images. This process was fairly smooth, I simply looked up some classes that I had taken as well as other students have taken and added that as data. I also worked on making my own individual template dynamic, which was the messaging template. I ended up creating a for loop and conditionals to iterate through all the existing messages and their respective senders/receivers. I had some assistance from my teammates to figure out the logic. I added 4 - 5 sentences or so to the group write up describing the different problems we faced including merging all our code onto one branch. I'd estimate I did about 20% of the work for this project.