

Overview: The main idea of our application is the creation of a social media application based around student note taking and note sharing. Students in modern universities often collaborate and share their notes and experiences with each other. Our application aims to be a central hub of student activity and sharing, where students can view and share a variety of notes from numerous university students.

Team Members: Chigozie Ikoro, Jack Bogle, Kyle Toohey, Zachary Safir, William Sullivan

Github Repository: <https://github.com/willbond1/CS-326-Project>

Design Overview:

Designing the login/logout features was quite the task. Certain features of the website such as the upload note page and the profile page are not visible and usable without being logged in. We also made the login/signup buttons viewable only when not logged in. We wanted to create a form of consistency with these features.

In terms of editing, users are able to edit their note information based on criteria they want to fill in. Right now, the edit button will redirect you to the home page, but we hope to have it redirect you to the note upload page.

Problems/Successes:

We ran into issues when creating editable forms for each user. Something we had done previously in our models.py started to cause issues, so we had to remake parts of it in order to get it to work. There were also issues with associated each user with their own set of uploaded notes to the website. The method we originally tried would crash the note upload page, so we had to remove it and find a new method.

For our website we wanted the capability to add additional information about users beyond what Django's base user model stores. However, when trying to add on top of it we mistakenly added a primary key to the model we created which caused a conflict that ultimately crashed our user signup page.

When we first created our user model we mistakenly required a profile image without adding a default. As such, whenever a user tried to access their profile page without having added one at sign up they were greeted with an error page complaining about the lack of a profile image.

Team Choice:

The team decided to extend Django's User model. We were having trouble with using the Django User model to represent our users, mostly because we feel that it does not cover all of

the aspects that we want to use for our Users. Our biggest challenge will be figuring out how exactly to implement this the best way without drastically changing our codebase.

Individual Writeups

William Sullivan - 15%

I created the original forms, templates, and views.py scripts for the Profile/User and Note models.

Zachary Safir- 40%

I fixed the models within our project to make more sense. I added login and logout functions. I fixed the user signup page to make more sense, and have proper verification. I fixed issues making the user profile, upload notes, and signup pages crash when people tried to open them. I then helped create the edit function that lets users edit the notes they uploaded to the website.

Chigozie Ikoro - 10%

I helped zach to make the edit functionality button for the Recently Uploaded page. I also aided in initial development of the sign up page and redirects. I also made sure the writeup itself got done.

Jack Bogle - 20%

I added some logic to hide certain views upon login and added default profile image. Also stitched together all the changes made by the rest of the group and worked out issues with merged branches.

Kyle Toohey - 15%

I implemented a basic search for the search page and helped resolve bugs involving loading images from the database and redirecting from forms.