

EE/CprE/SE 491 WEEKLY REPORT 08

Start Date – End Date: 11/1 - 11/7

Group number: 25

Project title: dripdrop

Client &/Advisor: Simanta Mitra

Team Members/Role:

Team Liaison/Communication Leads: Zachary Foote

Research Lead: Logan Roe

Project Manager: Kaden Wingert

Technical Lead/Architect: Elyse Kriegel

Testing/Quality Assurance: Gavin Rich

Documentation/Meeting Lead: Kolby Kucera

○ **Weekly Summary**

This week we made updates on the frontend through the sidebar, implementing the screen with the user's profile, and added session caching for the user's login information. On the backend, we added an endpoint for user sign-in, and we updated the create user functionality so that it checks for existing usernames and passwords. Additionally, we updated the feed so that it pulls from the post table now. We also altered the post table to properly tie users and posts together. Further, we implemented the image and tag tables/lambda's and slightly redesigned the ER diagram to better suit our needs. Finally, we added lambda's to allow users to follow each other and access their followers/following list.

○ **Past week accomplishments**

Kaden Wingert:

- Updated Sidebar
- Added a bypassing button on the login page for development
- Added more specific error messages to sign-in and signup pages.
- Utilized session caching to save the user's login info
- Implemented the user Profile screen
- Updated API request software to use Bruno rather than Postman

Gavin Rich:

- Created following lambda functions
 - Follow User
 - Unfollow User
 - Get User's following list
 - Get User's followers list
- Designed lists/bookmarks page
- Started designing user search modal

Kolby:

- Created an API endpoint and lambda function for User signIn
- Updated the create user endpoint so that it checks if the username or password already exists
- Spent some time trying to fix an issue with the database but didn't have luck
- Did a lot of research into more efficient ways to restructure our backend, and planned some of it out

Logan Roe:

- Redesigned/restructured the ER diagram to better suit the desired image, clothing items, tags, coordinates, etc. relationships.
- Implemented the image table and all image lambdas.
- Implemented the tag table and the tag lambdas.
- Debugged an error that came up with AWS.
- Began researching how to hook up the image table to S3 buckets.

Zachary Foote:

- Made changes to post and user tables to create a cascade relationship between posts and users so that if a user is deleted so are all of their posts.
- Posts can now only be created if they have a valid userId.
- Started creating a feed component that will pull from the posts table and create a postCard for each post.

Elyse Kriegel:

- Continue work on the gitlab ci pipeline
- Continue working on the AI and finding the dataset
- Fixed aws errors

- **Pending issues**

○ Individual contributions

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Kaden Wingert	Updated the sign-in and sign-up pages to have more specific error handling. Added a development button to bypass the login. Implemented session storage and began work on the user profile screen	6	53
Kolby Kucera	Created an API endpoint and lambda function for User signIn. Updated the create user endpoint so that it checks if the username or password already exists. Spent some time trying to fix an issue with the database but didn't have luck. Did a lot of research into more efficient ways to restructure our backend, and planned some of it out	5	31
Logan Roe	Redesigned the ER diagram to better suit the desired table relationships. Implemented the table and tag tables/lambda. I tried debugging an AWS error. I began researching how to hook up the image table to S3 buckets.	8	35
Gavin Rich	Worked on lambda functions for user follow operations. Designed bookmarks page. Started designing user search modal.	6	33
Zachary Foote	Created cascade relationship between posts and users, edited post lambda so that now posts have to have valid user, and started creating feed component on frontend.	4	39
Elyse Kriegel	Continued work on the pipeline fixing errors that continue to plague the process. Found dataset that I will be using the train the ai. Fixed an error/bug that hindered develop on	5	43

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- **Comments and extended discussion**

- **Plans for the upcoming week**

Kaden - Finish the user's profile page and update the sign in to reflect the new backend logic.

Kolby - Begin the redesign of our backend organization. Work on backend git issues.

Gavin - Build user search modal. Build skeleton for bookmarks page. Incorporate user follow API endpoints to follow users from posts on feed. Work on more API endpoint integrations as needed.

Elyse - Will start working on getting the images to s3 and syncing them to the database. Continue working on branch deployments via the pipeline

Zach - Finish the feed component so that the entire posts table is put into the feed. If I have time, I might work on only getting specific posts in the feed.

Logan - Implement the item, coordinates, clothing item, and clothing item tag tables and lambdas. Perform testing to ensure that all of this works as expected, and does not affect other, existing lambdas, so that the frontend can use it.

- **Summary of weekly advisor meeting**

We demoed what we have been working on to show him the project's current state. We gave him access to our shared Google Drive to view our project deliverables as well.