Group number: 25

Project title: dripdrop (We have officially changed from former name "MoonDeal")

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**

Our team is starting to really dive into our development. We are doing a better job of using gitlab issues and boards to track all of our work and delegate tasks among the team. This week, significant progress has been made in the pipeline, which helps us automatically deploy our changes to our AWS-hosted website. The nav bar was reworked to conform to the mocked-up Figma designs. On the backend, we continued to work on the user API, implementing the standard CRUD operations using lambda functions. We need to perform more testing on these functions before using them on the frontend.

- **Past week accomplishments**

Kaden Wingert:
- Created a pipeline stage in GitHub actions to that automatically uploads changes from the website folder from the main branch to the s3 bucket.
- Created a pipeline stage to do basic checks when the mobile folder has changes pushed to the main.
- Mostly completed a new pipeline stage for redeploying the AWS CDK infrastructure stacks when the AWS folder is changed
- Reimplemented the filter component on the main screen with the updated navbar

Gavin Rich:
- Designed new web feed page

- Updated home screen to incorporate updated feed design
- Started designing lists/saved/bookmark page

Kolby:

- Developed and tested createUser() and getUsers() functions
- Learned how to update the CDK code and deploy it to AWS. This allows for testing on my own in the future
- Developed getUserById(), updateUser(), and deleteUser(), did not get to completely test and verify these functions yet

Logan Roe:

- Worked on my understanding of the backend, specifically how to deploy, make updates, and add lambdas.
- Began working on the lambdas for the images, such as the createImage() function and started testing.

Zachary Foote:

- Worked on the backend, created a posts table
- Started created lambdas for the posts, currently have create_post and am actively testing it

Elyse Kriegel:

- Work on the aws cd more
- Research ai solutions
- Started working on solutions for ai

- **Pending issues**

- **Individual contributions**

NAME	Individual Contributions	Hours this week	HOURS cumulative
Kaden Wingert	Created multiple pipeline stages and updated the new nav bar to work with the filters	7	37
Kolby Kucera	Developed and tested createUser() and	4	22

	getUsers() functions. Learned how to update the CDK code and deploy it to AWS. Developed getUserById(), updateUser(), and deleteUser() functions.		
Logan Roe	Worked on the backend, both with my understanding of it and with developing the lambdas for the images and began testing.	3	22
Gavin Rich	Redesigned and updated home feed. Started designing bookmarks page	3	22
Zachary Foote	Worked on backend, created posts table. Additionally, created a create_post lambda and am testing it	4	29
Elyse Kriegel	Continue work on the aws cdk and started initial plans on ai development	7	30

- o **Comments and extended discussion**

- o **Plans for the upcoming week**

Kaden - Add functionality for the user to create a post and filter posts. Currently, a UI for this exists, but it doesn't actually do anything. I plan to add this logic on the front end so the post is brought to the feed when the create button is pressed, and the filters limit the posts shown. I wasn't able to get to this because of the work on the pipeline. I also want to I also want to finish the pipeline stage for updating the infrastructure. Right now, I have a permission-related issue with the runner.

Kolby - Complete testing and validation of all 5 User CRUD operations. Create API documentation for the User endpoints and make it easy to add to it as we build. Potentially start helping team members with the backend for Posts and Images.

Gavin - Finish design for bookmarks page. incorporate bookmarks design into website.

Work on settings page and adding basic settings.

Elyse - I will need to find a good dataset to train the AI on. Then I will train the AI over this next week.

Zach -. I will continue creating and testing lambdas for the posts (delete post, update post, get post, etc). Once I finish these, I will work on helping the frontend call endpoints to start putting data into and pulling data from the tables.

Logan - I will work on finishing the lambdas for the images table (get image, update image, delete image). I will then test all of these lambdas and ensure full functionality. After finishing this, I plan to begin doing some work on the frontend.

- o **<u>Summary of weekly advisor meeting</u>**

We met with our advisor and showed him where to access our website so he can view the progress we have made in the main branch. Each of us talked about what we have accomplished since the last meeting, and we gave him access to the gitlab repository.