DATE - 10/28/21

Asa Dillahunty
- What's been done: Brainstorming
- What will be done: Design some profile pages
- What's been hard: N/A

Dylan Marcum-Pollard
- What's been done: Brainstorming
- What will be done: Implementing timeline sorting
- What's been hard: N/A

Lillian Presley
- What's been done: brainstorming
- What will be done: finishing photo uploads
- What's been hard: N/A

Sav Campbell
- What's been done: I planned out what I'm doing for this sprint.
- What will be done: I'm going to work out how we can flag posts in the Timeline
- What's been hard: N/A

DATE - 11/2/21

Asa Dillahunty
- What's been done: Some Profile page design
- What will be done: Actualize profile page, add mock login page
- What's been hard: Design

Dylan Marcum-Pollard
- What's been done: Planning how to implement timeline sorting
- What will be done: Implementing timeline sorting
- What's been hard: Coming up with pseudocode to implement

Lillian Presley
- What's been done: Nothing
- What will be done: Fixing broken uploading of images, check out what the timer issue is
- What's been hard: Making stupid mistakes

Sav Campbell
- What's been done: Mostly finished post flagging. I need to change the icon for it and maybe allow users to state why they flagged it.
- What will be done: I'm going to start researching Firebase Auth and profile page things.
- What's been hard: Figuring out how the database is stored for the reads in the timeline.

DATE - 11/4/21

Asa Dillahunty
- What's been done: Made profile template
- What will be done: Finish profile page, make login page

- What's been hard: Getting CSS to work properly

Dylan Marcum-Pollard
- What's been done: Changes to the Timeline haven't resulted in anything. Test code gets location but the console logs don't show any location being retrieved or shown in the app code.
- What will be done: Going to keep working on getting the location sorting working. Will focus on trying to see if any changes are actually working/being ran.
- What's been hard: The console log lines not running makes it hard to know where the code is going wrong.

Lillian Presley
- What's been done: research image uploading and trying to get it to work
- What will be done: getting it to work
- What's been hard: firebase

Sav Campbell
- What's been done: A modal pops up when you hit the report/remove button now, but it's not quite working.
- What will be done: Finish up the modal popup
- What's been hard: Figuring out a new thing (modals)

DATE - 11/7/21

Asa Dillahunty
- What's been done:
- What will be done:
- What's been hard:

Dylan Marcum-Pollard
- What's been done: Made a sorting algorithm in test code that successfully sorts an array by values in the Nth column. Still haven't been able to get it or the location display to work in the main code.
- What will be done: Going to keep working on sorting by post date.
- What's been hard: Been a busy week with projects due in other classes, plus I now have all the stuff working it just doesn't work when I put it all together and into the main codebase.

Lillian Presley
- What's been done: trying to get image uploading working
- What will be done: it might get done
- What's been hard: Figuring out how to get images into firebase

Sav Campbell
- What's been done: Figured out the download url for firebase storage.
- What will be done: Getting the timelines in the profile page to correspond with a userID
- What's been hard: Understanding how firebase works

DATE - 11/9/21

Asa Dillahunty
- What's been done: Authentication was implemented using Firebase's Email/Password sign in options. Auth through google as a provider was abandoned. Login page was added (with authentication). And small stylistic changes were made to the profile page, as well as displaying the user's email instead of the placeholder "username."
- What will be done: User's posts will be limited to the posts they uploaded, not all posts. Timeline will be refreshable.
- What's been hard: Getting Google's provider auth to work proved impossible. Refreshing the list throws all sorts of errors. No clue why

Dylan Marcum-Pollard
- What's been done: Accidentally pulled and erased everything I'd done. Tried a new implementation where I append the distance from user as a new piece of data and sort by that. Trying to get that done so that I can sort by that value.
- What will be done: Will get the distance appended to each data entry and have that logged so I can later sort by it.
- What's been hard: Lost all my data. Plus, issues with the test code working but this one not due to UseState means the test code is mostly useless.

Lillian Presley
- What's been done: got image uploading partially working has a strange issue with only uploading 9 bytes
- What will be done: getting the image fully uploaded not just the 9 bytes
- What's been hard: some error messages are confusing and don't have a lot of documentation to figure them out

Sav Campbell
- What's been done: I created a list of strays uploaded that correspond with the userID stored in the database. I believe that things will work differently now with auth, so I am transitioning to other tasks.
- What will be done: I'm going to create Image Descriptions for each database entry based on the entry's tags to help with accessibility.
- What's been hard: The Data array doesn't like being passed between files. This won't matter anymore though because Asa has auth working.

DATE - 11/11/21

Asa Dillahunty
- What's been done: Posts in the profile page are now filtered to only show posts uploaded by the user. Timeline is now refreshable using FlatList's built in onRefresh functionality, which was very helpful. A new feature was added so that when a user taps on the description in the map page it opens the full post in a pop-up modal.
- What will be done: Add a signup page so users can verify their email/password (and maybe make a display name). Allow users to show their password when logging in, and remember them so they don't have to log in every time.
- What's been hard: Getting components to render in new places has provided unforeseen difficulties and new errors with styles getting things to display properly.

Dylan Marcum-Pollard
- What's been done: Did some paired programming with Sav. They helped me figure out why the console wasn't displaying the testing messages. That should make testing easier.
- What will be done: Going to try and port over the location stuff now that I have a better way of debugging it.
- What's been hard: The function I was making was not logging the message because of some memory thing.

Lillian Presley
- What's been done: got full image uploading working and implemented multiple image uploads at once, got it to successfully store the url so that it could be displayed in the timeline and the map
- What will be done: fully implementing the breeds list and looking into the android timer warning, merging this branch into the main
- What's been hard: lots and lots of deprecated documentation made it hard to find the right solution

Sav Campbell
- What's been done: I finished creating image descriptions for each post based on the tags. They are stored in the database with the posts.
- What will be done: I'm going to re-do the flagging feature, because the way it works changed with Asa's restructuring of the database code.
- What's been hard: Having to rewrite old code when we restructure a component is a bit difficult.

DATE - 11/14/21

Asa Dillahunty
- What's been done: Added a sign up page so that users can confirm their password when signing up. Inputs on the signup and login screen now use KeyboardAvoidingView. The loading modal being used was replaced with React Native's built in modal component instead of the community one. LoadingModal was also created as a component to reduce repeated code. This fixed a bug (probably) where a component was attempting to update after being unmounted.
- What will be done: Add buttons to show user password and to remember the user's information using React Native's asynchronous storage
- What's been hard: Encountered trouble with absolute styling, so getting buttons to show/remember password was pushed back

Dylan Marcum-Pollard
- What's been done: The app is now successfully getting the user's location and logging it to the console! I had to move it to a new file because of the code getting restructured and dependencies were out of wack because of that.
- What will be done: Going to work on calculating and storing the distance of each stray from the user.

- What's been hard: Everything is suddenly due. I keep waiting to push my stuff until I'm done with the part I'm working on which leads to my code being behind the main branch which makes merging harder.

Lillian Presley
- What's been done: merged image picker branch into main, found timer issue is for all the pages not just one
- What will be done: attempting to fix the issue with the timer, attempting page refresh on navigation
- What's been hard: resolving conflicts without making the code break

Sav Campbell
- What's been done: I worked on location services a little bit with Dylan so that the app is getting the user's location now. I also worked on setting Firebase rules up.
- What will be done: I'd like to finish setting up the Firebase rules in the code by next meeting.
- What's been hard: It was difficult to figure out where the location grabbing part should go with the way the database works now.

DATE - 11/16/21

Asa Dillahunty
- What's been done: Buttons were added so that when on the LogIn/SignUp page users can choose to show/hide their passwords. A checkbox was also added to the LogIn page so that users can choose to have their credentials stored in the app using react-native-bouncy-checkbox for the check box and react-native-async-storage for saving the credentials
- What will be done: Add settings where users can update their search radius preferences
- What's been hard: It was necessary to implement our own function for updating the community checkbox. Understanding how the async storage module fetched and stored data was a bit difficult. Attempting to store boolean values instead of strings caused the app to crash.

Dylan Marcum-Pollard
- What's been done: Sav and I worked on figuring out a method to tie the user posts to the distance from the user. We couldn't just append them to the database as they'd constantly change (sometimes almost simultaneously with an active enough userbase). We are currently considering having a corresponding erray where the Nth element of the distance array corresponds to the Nth element of the database.
- What will be done: We are going to keep working on getting the user's location added, hopefully the new method will work.
- What's been hard: Sorting and collecting the user's location is far more complicated than we'd first expected. Even the user location is being collected in a file where it cannot be sent to other files.

Lillian Presley
- What's been done: fixed the timer issue which was an issue with the firebase library setting timers that are too long for the android platform, most documentation said

suppressing the warning was fine and nothing could be done until the library is updated, added user id flagging and image description to uploads
- What will be done: add breed list, looking into location stuff and notifying user when the stray has been found
- What's been hard: personal issues taking up my time

Sav Campbell
- What's been done: I worked with Dylan on sorting the posts, but I'm not sure that it's feasible to get it done.
- What will be done: I'm going to clean up any of the button code that I messed with while trying to get sorting to work. - I had been testing it temporaily by using the flagging button.
- What's been hard: Sorting the documents is pretty difficult because they are across a couple of different files.

DATE - 11/18/21

Asa Dillahunty
- What's been done: Began working on adding a userSettings object to the dataStorage component. This currently follows a very similar format to how the postData object works.
- What will be done: Finish adding user settings, allowing users to update their firebase email/password and maybe display name.
- What's been hard: Getting components to update after changing the settings object is providing a unique challenge.

Dylan Marcum-Pollard
- What's been done: Updated firebase rules so that they are no longer insecure. Also re-implemented the modal functionality when a user submits a post because it was lost in a previous push.
- What will be done: We are going to pivot off of the distance sorting and instead sort by the most recent post.
- What's been hard: The sunk-cost fallacy has been really prevalent when it has come to implementing timeline sorting by distance. We probably should have better analyzed the difficulty we were having by the 2nd or 3rd group meeting and come up with an alternate plan earlier.

Lillian Presley
- What's been done: removed the breed list as it was causing strange errors to occur, determined there was not enough time for the other features so focusing on cleaning up what we have, getting documentation done, and talking about final issues
- What will be done: finishing up documentation, updating the website and the box
- What's been hard: wanting to do more features but not having enough time to do them.

Sav Campbell
- What's been done: Updated the button code on ScrollListView to clean it up after I tried to do locations.

- What will be done: I'm going to start working on the presentation that we have to turn in.
- What's been hard: I've struggled to figure out what finishing details we need.

DATE - 11/21/21

Asa Dillahunty
- What's been done: Added the settings page where users can update their email, display name, or password.
- What will be done: Adding another page to have the user confirm their password before they update it.
- What's been hard: Getting the navigable pages to transfer data properly between one another has proven difficult. Designing components to be reused in multiple pages has shown some difficulty.

Dylan Marcum-Pollard
- What's been done: The timeline is now sorted by when the post was added, specifically posting it in descending order of time since Epoch. The database was updated to include both a time field and existing posts were given fake timestamps so that they would work with the new algorithm.
- What will be done: Finishing up the deliverables.
- What's been hard: We really needed a sorting algorithm and cramming in a new one in only the few days since the last team meeting was stressful. Additionally, using github commandline instead of github desktop has apparently been making things more difficult to me when it came to pulling and merging.

Lillian Presley
- What's been done:
- What will be done: Updating the website with links to deliverables, uploading all the docs to box, updating any text on the website, adding the demo video to the website.
- What's been hard:

Sav Campbell
- What's been done: I cleaned up the code by taking out old)commented-out) features and fixing comments.
- What will be done: We will all finish up the final deliverables.
- What's been hard: