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Below are only a couple of the modules I tested along with my equivalence classes.

Sprint 2:

(6) As a user I want to be notified when someone requests to be my friend so I can accept their friend request

I worked on the notification side so I tested how a user received requests. Since there are only two options accepting and rejecting a request the equivalency classes were trivial

Equivalence class Accept a Request:

Test Case 1: Basic accept one request when only one request

Test Case 2: Intermediate accept one request when receiving multiple requests

Test Case 3: Difficult accept multiple request when receiving multiple requests

Declining a Request:

Test Case 1: Basic reject one user when only one request

Test Case 2: Intermediate reject to one user when receiving multiple requests

Test Case 3: Difficult reject multiple users when receiving multiple requests

Then when I was done with those two equivalency classes I rejected and accepted requests from multiple users when receiving multiple requests

(3) As a user I want a list of all of my friends
Mia?

Sprint 3:

(1) As a user, I want a feed so I can see all my friends posts in one place rather than going to each of their individual pages

Equivalence class: viewing my own post on my home feed tested with one post

For this class I didn't consider every possible input I could have for text posts so I just made a general post that said 'home feed test'

Equivalence class: viewing others posts tested with one post from a different user

For this class I didn't consider every possible input that someone could post so for this I logged into my friend's account and created a post that said 'other user testing' and then logged back into my account to see if their post was on my feed

(3) As a user, I want my posts to be deleted after a certain amount of time so that way my past won't come back to haunt me

Equivalence class: less than an hour tested with 1 minute

I created a post that would only last a minute and verified that it got deleted and checked its values in firebase

Equivalence class: less than a day tested with 1 hour

I created a post that would only last an hour and verified that it got deleted and checked its values in firebase

Equivalence class: more than a day tested with 2 day

I created a post that would only last a day and verified that it got deleted and checked its values in firebase

(4) As a user, I want to be able to message my friends so that way I can talk to them privately

For this I worked on creating a sidebar that lists all the users friends. There were really only two equivalence classes either you are someone's friend or not.

Equivalence class: friends

Checked if the people I was friends with were present in my sidebar list

Equivalence class: not friends

Checked if the people I was not friends with were not present in the sidebar list

Sprint 4:

(5) As a user I want to be able to post photos so that I can have a variety of content

For posting photos I tested three equivalence classes

Equivalence class: long photos tested with a photo that had a ratio of 7:2

This worked as expected

Equivalence class: wide photos tested with a photo that had a ratio of 2:7

This worked as expected

Equivalence class: small photos tested with a photo that had a dimensions of 70px by 70px

This failed the testing and was reported to the bug log

Equivalence class: large photos tested with a photo that had dimensions of 4572px by 2988px

This worked as expected