weave

Team One - Sprint 2 Testing Document

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Sprint Setup: Modify and clean previous project components for better workflow in this sprint.

Test 0.1 -- The web application should have acceptable functionality, and navigation across most major pages (timeline, saved posts, post pages, topics) should be intuitive and done using the UI only.

- These are the registration and login pages upon accessing the site, as implemented in sprint one:

- The following image shows the layout of the frontend upon login. Posts are currently visible on the right, but the profile page can also show interactions (comments). Profile information is in the middle of the page, and navigation options and logging out are on the right.
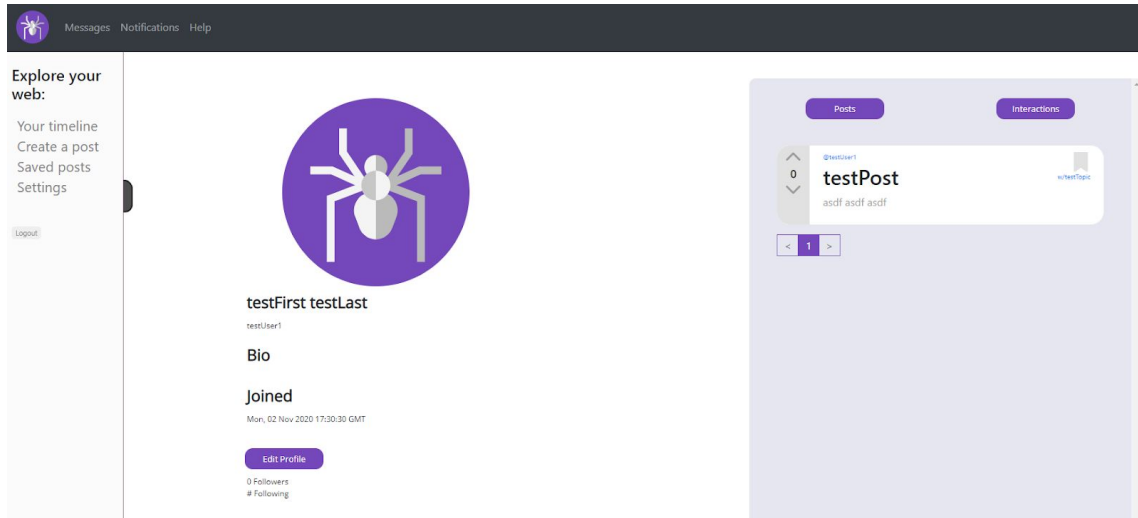
- As mentioned, one can click the interactions button to view any interactions they have had with other users' posts.
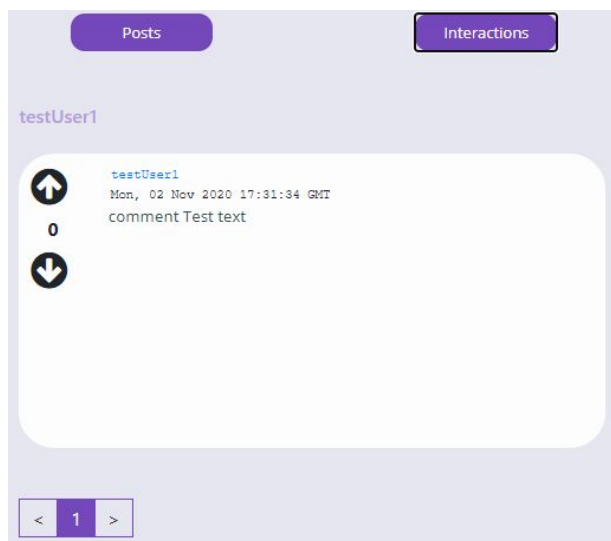
- Below is a cropped view of what is shown upon clicking a post. The user can view comments and create comments. One can save a post by clicking the ribbon in the top right. Onec can vote on a post using the arrows to the left. One can also access the post's topic right underneath the ribbon.

testPost
asdf asdf asdf

w/testTopic

Comment:

Comment Text

Add Comment

Comments:

testUser1

testText1
Mon, 02 Nov 2020 17:31:36 GMT
comment Text text

0

< 1 >
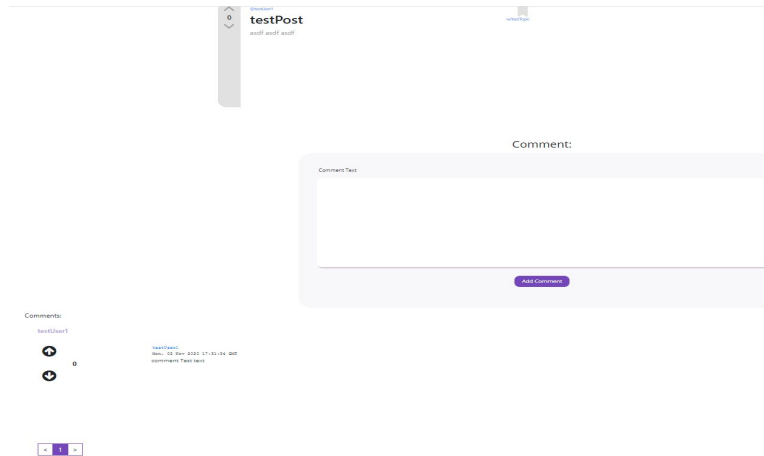
- **The following shows the view of the timeline upon clicking the timeline navigation button.**

Your timeline:

@testUser1

testPost

asdf asdf asdf

w/testTopic

< 1 >

go back
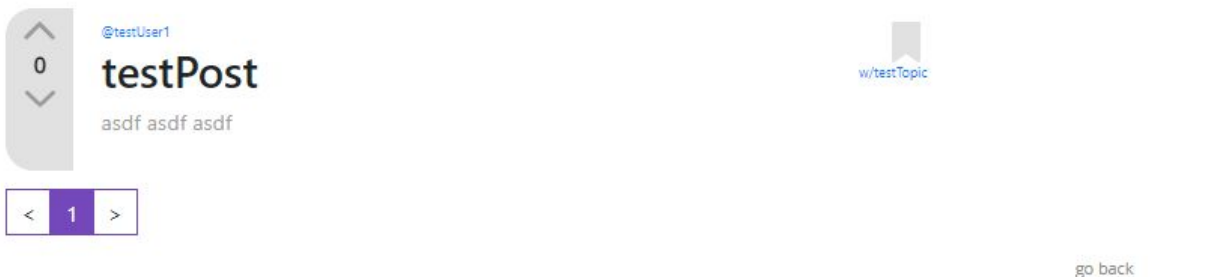
- **This image shows the view of the create a post page upon clicking the respective icon, as implemented in sprint one.**

Create a post

Post Title

Post Topic

Post Text

Post Picture

Max file size: 5mb, accepted: jpg/gif/png

Add a picture to your post.

Make this post anonymously.

Create Post

go back

- The following is the view of the saved posts page upon clicking the saved posts button.

Your saved posts:

@testUser1

0

testPost

asdf asdf asdf

w/testTopic

< 1 >

go back

- The following is a view of the settings page (before some CSS modification that was implemented in the final version of Weave for sprint two), which includes account deletion functionality.

Messages Notifications Help

Delete My Account

Explore your web:

Your timeline
Create a post
Saved posts
Settings

Logout
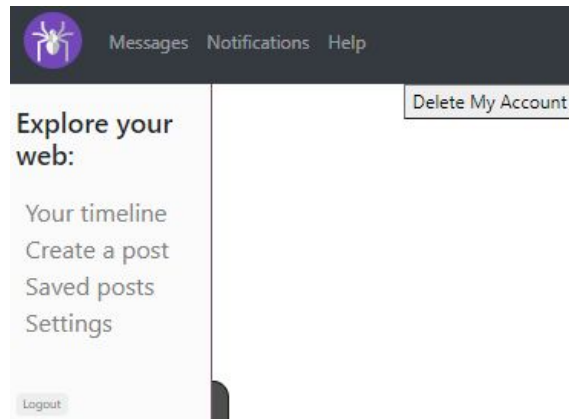
- The following is the view of the topic page upon navigation from a post.

Welcome to the **testTopic** topic:

Topic Followers: 0

Follow

@testUser1

0

testPost

asdf asdf asdf

w/testTopic

< 1 >
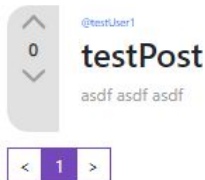
go back

Test 0.2 -- Picture addition, implemented in sprint one, should be formally tested before work begins on sprint two.

- To upload a profile picture, a user can navigate to the edit profile page below on the left. After clicking select profile picture, the user can choose a picture in a directory as shown on the right.

- The user in the database updates with the correct filename.

	username	email	encrypted_password	first_name	last_name	date_joined	user_bio	user_pic
▶	DELETED	admin@weave.com	XAXAXAXAXAXAXA...	Deleted	Graveyard	2020-10-28...	This is a f...	NULL
	testUser	test@gmail.com	$2b$12$j6VrUy0t.e...	testFirst	testLast	2020-11-03...	NULL	00Screen_Shot_2020-10-04_at_10.59.05_PM....
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

- The profile picture is updated on the profile page.

testFirst testLast

testUser

Bio

Joined

Tue, 03 Nov 2020 14:52:51 GMT

Edit Profile

0 Followers
Following

- Posts also can include pictures in the same fashion as uploading profile pictures. UI for pictures in posts and the path for the picture in the database are shown below.

@testUser

testTitle2

w/testTopic

asdfasdf asdf asdf a sfd

post_id	topic_name	creator	date_created	title	content	pic_path
1	testTopic	testUser	2020-11-03 14:53:47	testTitle	asdf asdf asdf asdfasdf a	NULL
2	testTopic	testUser	2020-11-03 15:20:03	testTitle2	asdfasdf asdf asdf a sfd	00headshot.png.jpeg
NULL	NULL	NULL	NULL	NULL	NULL	NULL
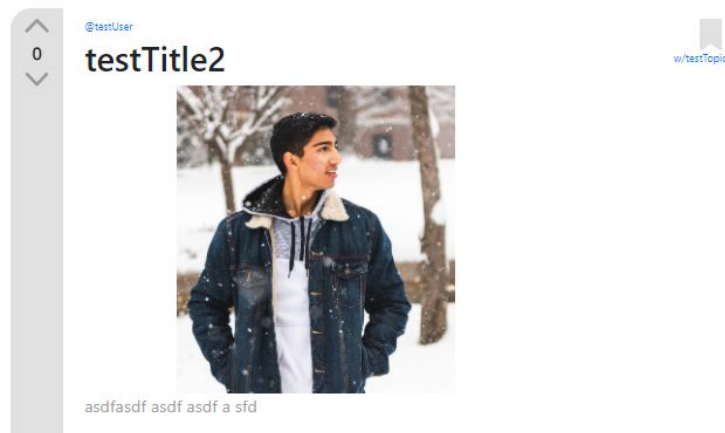
Test 0.3 -- Users should be able to save posts, as implemented in sprint one.

- The user saves a post by clicking the ribbon in the top right when viewing a post. The ribbon shows up as red when it is saved, as shown below.

- The saved post relation is inserted in the database as a relationship entity.
  - If the Post table looks like this:

  - Then the SavedPost table looks like this:

- The saved post can now be viewed when navigating to the saved posts page.

User Story 1: As a user, I want the ability to expand every separate post on a corresponding separate page.

Test 1.1 -- A post with a valid unique ID can be seen by navigating to a URL corresponding to this ID. A URL corresponding to an ID that is not valid will display a 404 page.

- In my database, I have 29 posts, so a maximum id of 29.

post_id	topic_name	creator	date_created	title
29	general	Icnfaun	2020-11-01 17:01:25	General Topic Test
28	general	Icnfaun	2020-10-31 20:43:50	a
27	asdf	Icnfaun	2020-10-31 15:10:19	Test
26	monkies	Icnfaun	2020-10-28 20:15:24	WOOO monkies 6
25	monkies	Icnfaun	2020-10-28 20:15:21	WOOO monkies 5
24	monkies	Icnfaun	2020-10-28 20:15:17	WOOO monkies 4
23	monkies	Icnfaun	2020-10-28 20:15:15	WOOO monkies 3
22	monkies	Icnfaun	2020-10-28 20:15:12	WOOO monkies 2
21	monkies	Icnfaun	2020-10-28 20:15:10	WOOO monkies 1
20	asdf	DELETED	2020-10-28 18:10:15	BOOOOOIII
19	asdf	DELETED	2020-10-28 18:10:10	YEAAAAAAAAAA

- If i type in the local URL ending in "/post/<postId>", where postId is any number 1-29, it will show the post page UI. The following image shows our 1st post.
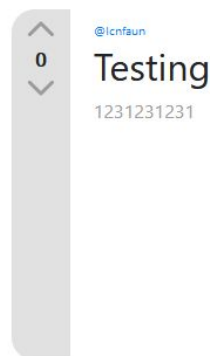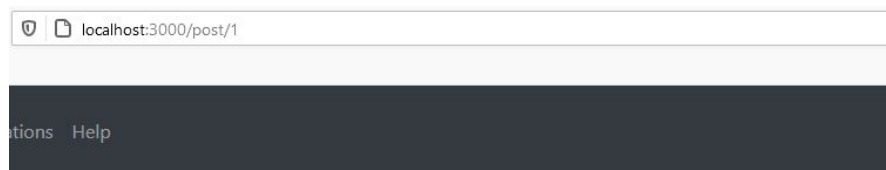
- The following image shows our last post.
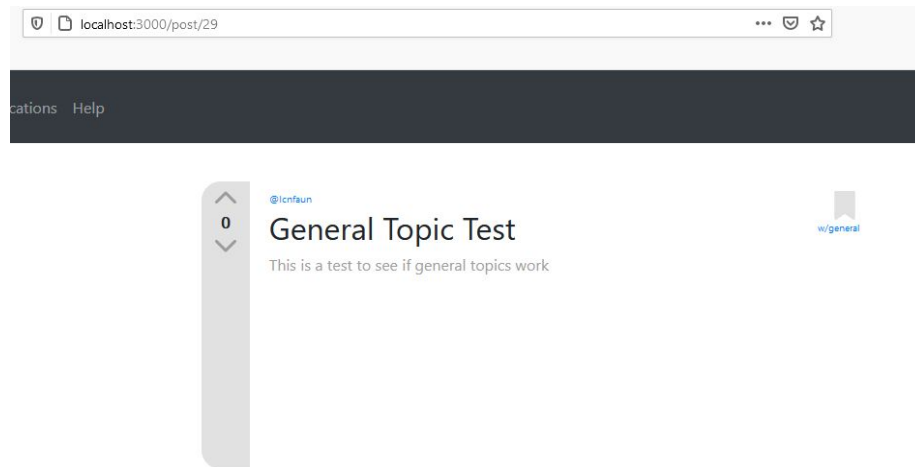
- The following image shows the 404 error received upon viewing a post that does not exist, in this case a post with the ID of 30.
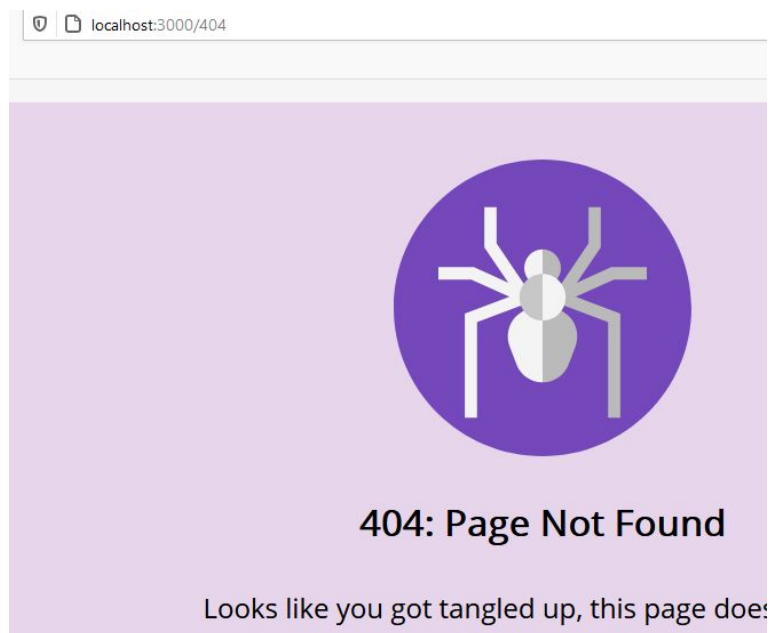
User Story 2: As a user, I want to be able to see all of my saved posts.

Test 2.1 -- All saved posts should be available through the saved post page.

- Looking at the database, we can see I (Icnfaun) have saved 13 posts.

- When we check the saved post page, we can look and see that there are also 13 posts (5 per page, only showing the last to save space).

Test 2.2 -- Posts not shown during the initial render should be available through some UI element on the same page.

- As mentioned in the first test, I have 13 saved posts. Since only the first 5 show per page, I should have 3 pages, which together will show each saved post.
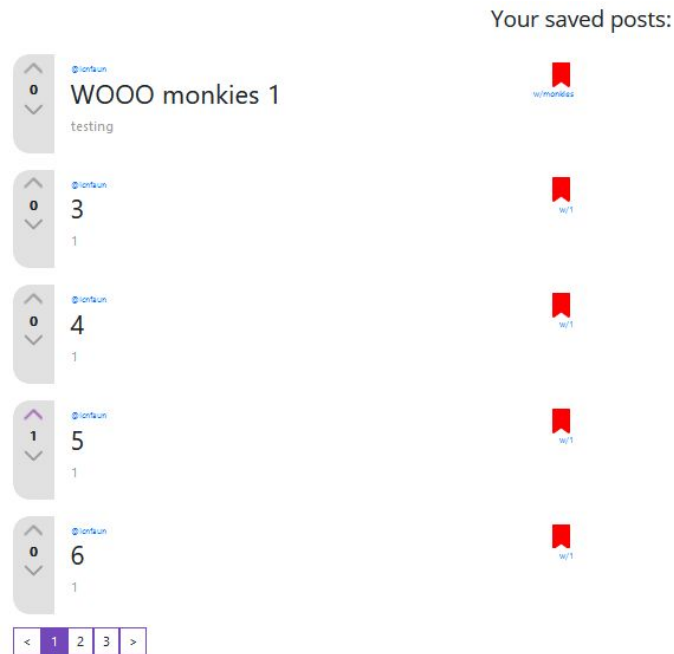
Your saved posts:

- We can see here that the first 5 posts render, and if I click next or a page number, the UI will show me different posts that I have also saved. This shows that all saved posts can be seen even if they are not in the initial render.
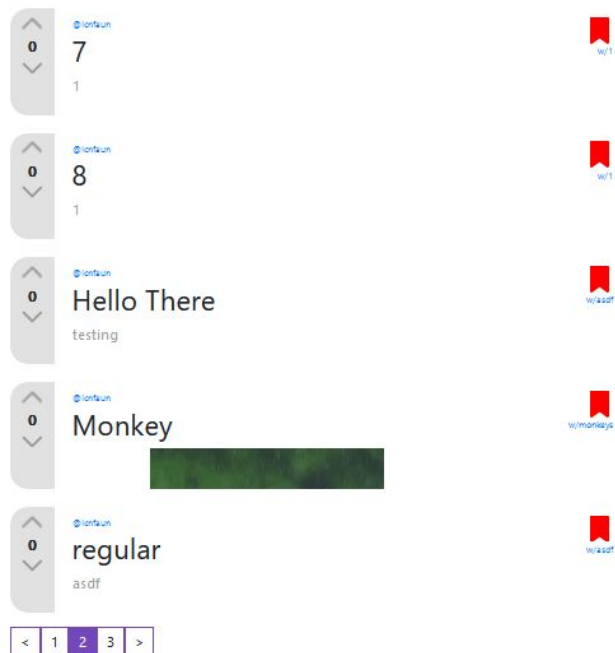
User Story 3: As a user, I should be able to mark each of my posts with one relevant topic.

Test 3.1 -- A post with a set topic should be created in that set topic.

- First we create a post. For this test, we will set the topic to "bricks."

Create a post

Post Title

Cool Brick

Post Topic

bricks

Post Text

Look at this cool brick I found.

- Once we do this, we can check our profile for the post and see the topic attached.

@lcnfaun

0

Cool Brick

w/bricks

- We can also check the Topic table in the database to see that the topic has been created, as well as the Post table to see that the Post has the correct topic attached.

	topic_name	date_created	follower_count	moderation_status
▶	bricks	2020-11-04 15:40:23	0	0
	yo	2020-11-03 19:14:15	0	0
	NULL	NULL	NULL	NULL

	post_id	topic_name	creator	date_created	title	content	pic_path
▶	1	yo	DELETED	2020-11-03 19:14:15	yo	sldkjfasdlkfjadslfk	NULL
	2	bricks	lcnfaun	2020-11-04 15:40:23	Cool Brick	Look at this cool brick I found.	0Brick.jpg

Test 3.2 -- A post with an invalid topic name should not be created.

- We will try to create a post with a topic of more characters than should be allowed. However, when we try to submit, the frontend will tell us that this is disallowed, thus preventing database or other errors.

Create a post

Post Title

brick

Post Topic

BRICKBRICKBRICKBRICKBRICKBRICKBRICKBRICKBRICK

Post Text

This brick is not real. :(

...
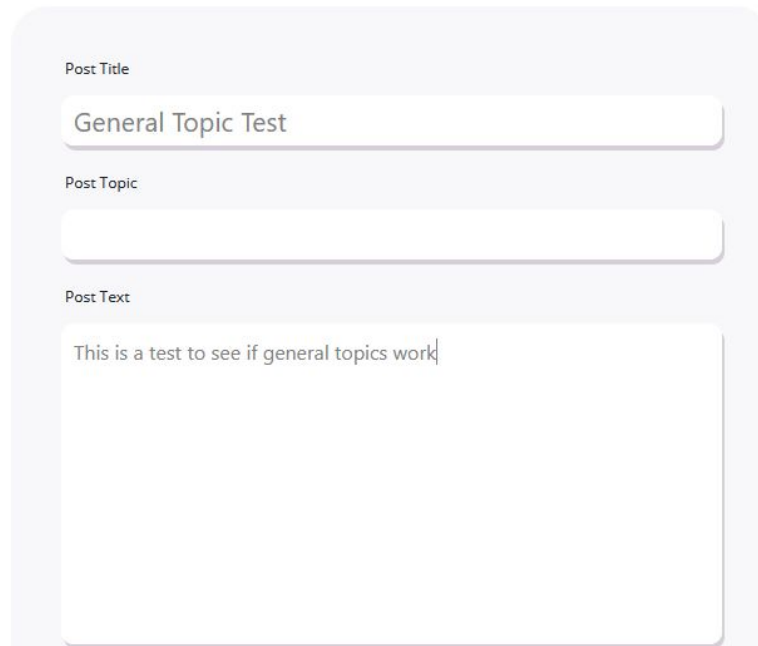
Create Post

Post topic cannot exceed 20 characters

Test 3.3 -- The topic name "general" should be added to created posts without set topics.

- **First we create a post, and leave the topic blank like so:**

Create a post

Post Title

General Topic Test

Post Topic

Post Text

This is a test to see if general topics work

- **Once we do this, we can check our profile for the post and see that the general topic has been automatically attached.**

@lcnfaun

General Topic Test

w/general

This is a test to see if general topics work

- **We can also check the database and see the topic has been set accordingly.**

Post_id:	29
Topic_name:	general
Creator:	lcnfaun
Date_created:	2020-11-01 17:01:25
Title:	General Topic Test
Content:	This is a test to see if general topics work

User Story 4: As a user, I should be able to go to a topic and see all relevant posts.

Test 4.1 -- All of a topic's posts should be available from the topic's page.

- Looking in my database, we can see that there are 6 posts with the topic "monkies" (misspelt of course).

post_id	topic_name	creator	date_created	title
3	Books	Icnfaun	2020-10-17 18:56:33	Post about Books
5	general	Icnfaun	2020-10-19 22:46:42	Toid
28	general	Icnfaun	2020-10-31 20:43:50	a
29	general	Icnfaun	2020-11-01 17:01:25	General Topic Test
7	monkeys	Icnfaun	2020-10-19 22:52:51	Monkey
9	monkeys	tester	2020-10-24 20:47:25	Monkies are cool
21	monkies	Icnfaun	2020-10-28 20:15:10	WOOO monkies 1
22	monkies	Icnfaun	2020-10-28 20:15:12	WOOO monkies 2
23	monkies	Icnfaun	2020-10-28 20:15:15	WOOO monkies 3
24	monkies	Icnfaun	2020-10-28 20:15:17	WOOO monkies 4
25	monkies	Icnfaun	2020-10-28 20:15:21	WOOO monkies 5
26	monkies	Icnfaun	2020-10-28 20:15:24	WOOO monkies 6

- When we go to the topic's page, we should be able to see all 6. This is indeed the case, showing that all posts with a certain topic will appear on the topic page.
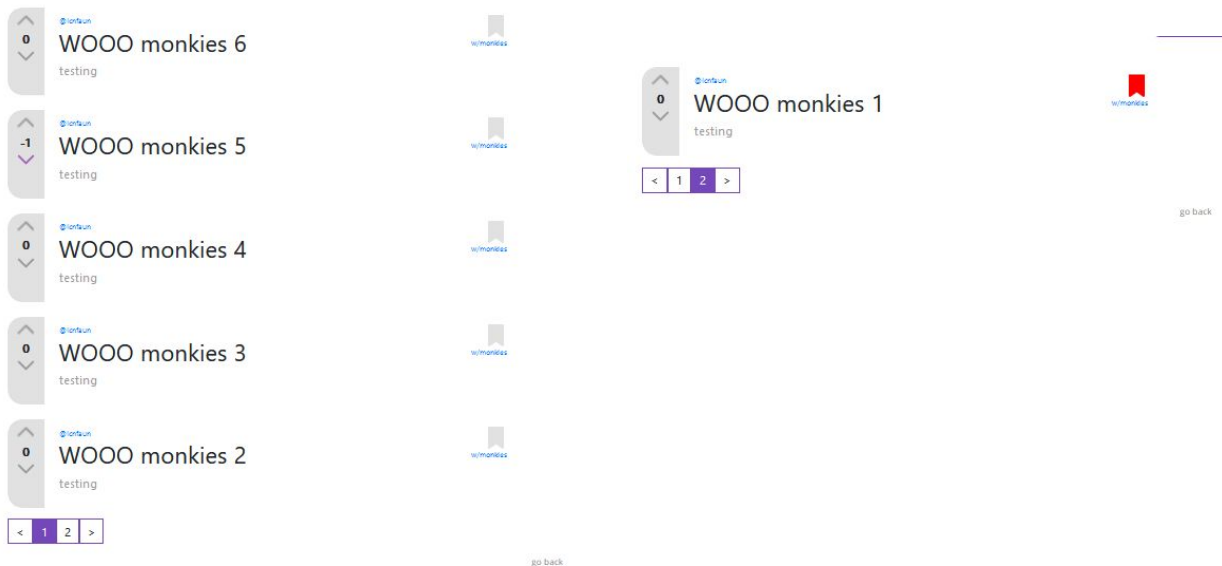
Test 4.2 -- Posts shown on the topic page should be in the order of date created, with the most recent displayed first.

- I have created 6 posts, labelling each so it is easy to tell which came last. We can see the date each post was created in the database.

post_id	topic_name	creator	date_created	title
3	Books	Icnfaun	2020-10-17 18:56:33	Post about Books
5	general	Icnfaun	2020-10-19 22:46:42	Toid
28	general	Icnfaun	2020-10-31 20:43:50	a
29	general	Icnfaun	2020-11-01 17:01:25	General Topic Test
7	monkeys	Icnfaun	2020-10-19 22:52:51	Monkey
9	monkeys	tester	2020-10-24 20:47:25	Monkies are cool
21	monkies	Icnfaun	2020-10-28 20:15:10	WOOO monkies 1
22	monkies	Icnfaun	2020-10-28 20:15:12	WOOO monkies 2
23	monkies	Icnfaun	2020-10-28 20:15:15	WOOO monkies 3
24	monkies	Icnfaun	2020-10-28 20:15:17	WOOO monkies 4
25	monkies	Icnfaun	2020-10-28 20:15:21	WOOO monkies 5
26	monkies	Icnfaun	2020-10-28 20:15:24	WOOO monkies 6

- We can see these are listed by most recent first, once we go to the topic page.

User Story 5: As a user, I can view a timeline of all my posts.

- 9 posts were created to test functionality of the timeline.

post_id	topic_name	creator	date_created	title
1	test	testTest2	2020-11-02 12:42:19	testPost
2	test2	testTest2	2020-11-02 12:42:44	testPost2
3	test	testTest2	2020-11-02 12:45:20	testPost3
4	test	testTest2	2020-11-02 12:45:34	testPost4
5	test2	testTest2	2020-11-02 12:45:44	testPost5
6	test	testTest2	2020-11-02 12:45:51	testPost6
7	test	testTest	2020-11-02 12:48:36	otherTest
8	test	testTest	2020-11-02 12:48:43	otherTest2
9	test	testTest	2020-11-02 12:49:02	otherTest3
NULL	NULL	NULL	NULL	NULL

- TEST 5.1 -- All of a user's posts should be visible from the timeline page.
- TEST 5.2 -- No post that the user has not created should be visible from the timeline page UNLESS the post meets the conditions implemented in user story 7 or 8.
- TEST 5.3 -- Posts shown on the timeline should be in the order of date created, with the most recent displayed first.
- Only testTest's posts are visible on its timeline without following a topic or user. Posts are ordered by date as can be seen from the database entries.

Explore your web:

Your timeline
Create a post
Saved posts
Settings

Logout

@testTest
0
otherTest3
asdfasdfasdf other3

@testTest
0
otherTest2
asdfasdfasdf other2

@testTest
0
otherTest
asdfasdfasdf other

< 1 >

Your timeline:

w/test

w/test

w/test

go back
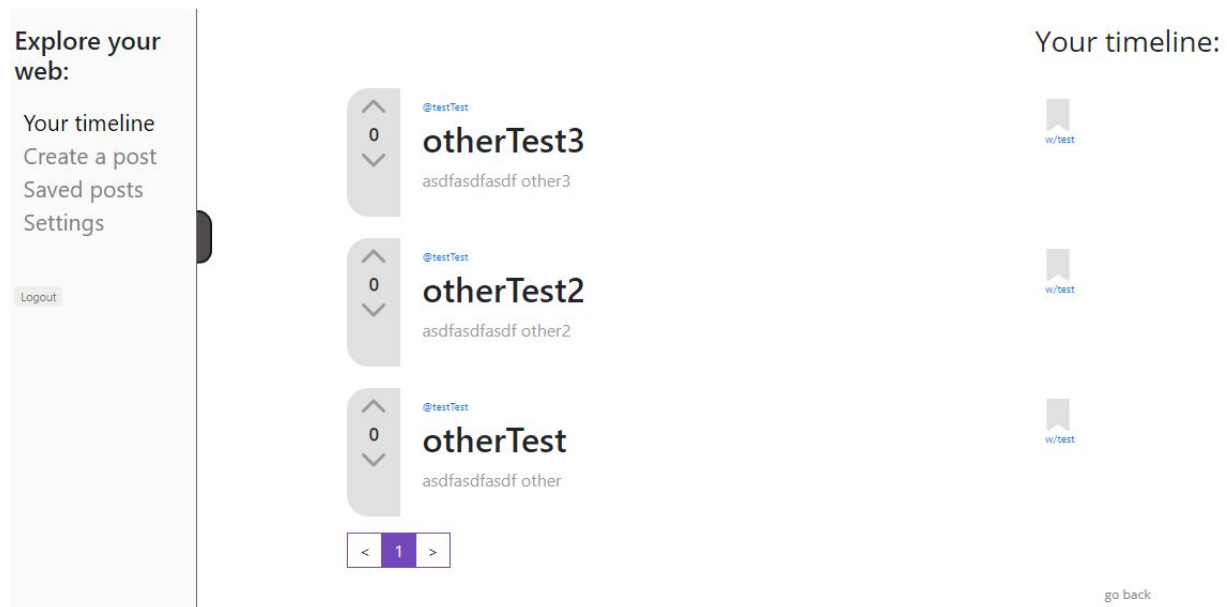
- TEST 5.4 -- Posts not shown during the initial render should be available through some UI element on the same page.

- After following a topic (shown first), all posts in the topic plus testTest's posts can be seen from the timeline (shown last). Posts are listed on multiple pages if need be.

Welcome to the **test** topic:

Topic Followers: 1

Unfollow

Your timeline:

@testTest

0

otherTest3

asdfasdfasdf other3

w/test

@testTest

0

otherTest2

asdfasdfasdf other2

w/test

@testTest

0

otherTest

asdfasdfasdf other

w/test

@testTest2

0

testPost6

asdfasdfasdfasdf asdf asdf

w/test

@testTest2

0

testPost4

asdfasdfasdf

w/test

< 1 2 >

Your timeline:

@testTest2

0

testPost3

asdfasdfasdfasdf

w/test

@testTest2

0

testPost

test test test test

w/test

< 1 2 >

- After following a user (shown first), all of their posts can be viewed on a user's timeline (shown last).

testFirst2 testLast2

testTest2

Bio

Joined

Mon, 02 Nov 2020 12:39:30 GMT

Unfollow

1 Followers
Following

Your timeline:

@testTest
otherTest3
asdfasdfasdf other3

w/test

@testTest
otherTest2
asdfasdfasdf other2

w/test

@testTest
otherTest
asdfasdfasdf other

w/test

@testTest2
testPost6
asdfasdfasdfasdf asdf asdf

w/test

@testTest2
testPost5
asdfasdfasdfasdf asdf

w/test2

< 1 2 >

Your timeline:

@testTest2
testPost4
asdfasdfasdfasdf

w/test

@testTest2
testPost3
asdfasdfasdfasdf

w/test

@testTest2
testPost2
test test test test 2

w/test2

@testTest2
testPost
test test test test

w/test

0

0

0

0

< 1 2 >

User Story 6: As a user, I should have the option to see all the posts of another user when viewing their profile.

Test 6.1 -- All of a user's posts should be available on their profile.

- Looking at the database, we should see all the posts for the user

post_id	topic_na...	creator	date_created	post_type	title	content	pic_path	upvote_co...	downvote_c...	anon_fl...	moderation_
▶ 1	test	sahilkapur	2020-10-04	0	huihrtuis	hi	HULL	0	0	0	0
2	test	sahilkapur	2020-10-04	0	huihrtuis	hi	HULL	0	0	0	0
3	test	sahilkapur	2020-10-07	0	test	test	HULL	0	0	0	0
4	test	sahilkapur	2020-10-07	0	rbiul	krbi;k	HULL	0	0	0	0
5	test	sahilkapur	2020-10-07	0	frbiluwk211fre;i	rbei;kd	HULL	0	0	0	0
6	test	sahilkapur	2020-10-07	0	hi	hi	HULL	0	0	0	0
7	test	sahilkapur	2020-10-07	0	pop tarts	hi i love pop tarts	HULL	0	0	0	0
8	test	sahilkapur	2020-10-07	0	pop tarts	a	HULL	0	0	0	0
9	test	sahilkapur	2020-10-07	0	pop tarts	a	HULL	0	0	0	0
10	test	sahilkapur	2020-10-07	0	pop tarts	pop tatt	HULL	0	0	0	0
11	test	sahilkapur	2020-10-07	0	opo	pop		0	0	0	0
12	test	sahilkapur	2020-10-07	0	pop1000	hi		0	0	0	0
13	test	sahilkapur	2020-10-07	0	pop1000	hi		0	0	0	0
14	test	sahilkapur	2020-10-07	0	pop1000	hi		0	0	0	0
15	test	sahilkapur	2020-10-07	0	pop1000	hi		0	0	0	0
16	test	sahilkapur	2020-10-07	0	freiuahguirtwl	frghtwpo;	HULL	0	0	0	0
17	test	sahilkapur	2020-10-07	0	pop	a		0	0	0	0
18	test	sahilkapur	2020-10-07	0	tart	opo	HULL	0	0	0	0
19	test	sahilkapur	2020-10-07	0	tart	opo	HULL	0	0	0	0
20	test	sahilkapur	2020-10-07	0	tart	opo	HULL	0	0	0	0
21	test	sahilkapur	2020-10-07	0	tart	opo	2Screen_Shot_20...	0	0	0	0
NULL	NULL	HULL	NULL		HULL	HULL	NULL	HULL	NULL	HULL	HULL

- When we go to the topic's page we should be able to see all the posts on the user's profile.

Test 6.2 -- Posts shown on the profile page should be in the order of date created, with the most recent displayed first.

- Looking at the database, we should see all the posts ordered from most to least recent

post_id	topic_na...	creator	date_created	post_type	title	content	pic_path	upvote_co...	downvote_c...	anon_fl...	moderation_
▶ 1	test	sahilkapur	2020-10-04	0	huihrtuis	hi	NULL	0	0	0	0
2	test	sahilkapur	2020-10-04	0	huihrtuis	hi	NULL	0	0	0	0
3	test	sahilkapur	2020-10-07	0	test	test	NULL	0	0	0	0
4	test	sahilkapur	2020-10-07	0	rbiul	krbi;k	NULL	0	0	0	0
5	test	sahilkapur	2020-10-07	0	frbiluwk211fre;i	rbei;kd	NULL	0	0	0	0
6	test	sahilkapur	2020-10-07	0	hi	hi	NULL	0	0	0	0
7	test	sahilkapur	2020-10-07	0	pop tarts	hi i love pop tarts	NULL	0	0	0	0
8	test	sahilkapur	2020-10-07	0	pop tarts	a	NULL	0	0	0	0
9	test	sahilkapur	2020-10-07	0	pop tarts	a	NULL	0	0	0	0
10	test	sahilkapur	2020-10-07	0	pop tarts	pop tatt	NULL	0	0	0	0
11	test	sahilkapur	2020-10-07	0	opo	pop		0	0	0	0
12	test	sahilkapur	2020-10-07	0	pop1000	hi		0	0	0	0
13	test	sahilkapur	2020-10-07	0	pop1000	hi		0	0	0	0
14	test	sahilkapur	2020-10-07	0	pop1000	hi		0	0	0	0
15	test	sahilkapur	2020-10-07	0	pop1000	hi		0	0	0	0
16	test	sahilkapur	2020-10-07	0	freiuahguirtwl	frghtwpo;	NULL	0	0	0	0
17	test	sahilkapur	2020-10-07	0	pop	a		0	0	0	0
18	test	sahilkapur	2020-10-07	0	tart	opo	NULL	0	0	0	0
19	test	sahilkapur	2020-10-07	0	tart	opo	NULL	0	0	0	0
20	test	sahilkapur	2020-10-07	0	tart	opo	NULL	0	0	0	0
21	test	sahilkapur	2020-10-07	0	tart	opo	2Screen_Shot_20...	0	0	0	0
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

- We can see these are listed by most recent first once we go to the topic page

User Story 7: As a user, I can follow a topic and see relevant posts on my timeline.

Test 7.1 -- Users should be able to successfully follow topics.

- For this test, we will start with the following data...
  - ...in UserAccount:

username	email
DELETED	admin@weave.com
followtest_1	followtest1@test.org
followtest_2	followtest2@aol.com
followtest_3	MMAN@man.org
NULL	NULL

  - ...in Post:

post_id	topic_name	creator	date_created	title
1	general	followtest_1	2020-11-01 18:26:19	Hello World
2	squids	followtest_1	2020-11-01 18:27:19	I Like Squids
3	bugs	followtest_1	2020-11-01 18:28:52	Weave Bug!
4	bugs	followtest_2	2020-11-01 18:30:23	holy smokes
5	squids	followtest_2	2020-11-01 18:31:10	Squids are cool
6	general	followtest_3	2020-11-01 18:35:28	My Post
7	bugs	followtest_3	2020-11-01 18:35:41	It broke
NULL	NULL	NULL	NULL	NULL

  - ...in Topic:

topic_name	date_created	follower_count
bugs	2020-11-01 18:28:52	0
general	2020-11-01 18:26:19	0
squids	2020-11-01 18:27:19	0

- For this test, assume that we are logged in as the user "followtest_3" and that we want to follow the topic **bugs**. To do this, we navigate to the topic page and then click the topic follow button.

Welcome to the **bugs** topic:

Topic Followers: 0

Follow

- Once this button is clicked, the topic will update on refresh.

Welcome to the **bugs** topic:

Topic Followers: 1

Unfollow

- We can then check the database to see that the FollowTopic entity was created and that the Topic's follower count has been updated:
  - ○ **Topic:**

topic_name	date_created	follower_count	moderation_status
bugs	2020-11-01 18:28:52	1	0
general	2020-11-01 18:26:19	0	0
squids	2020-11-01 18:27:19	0	0
NULL	NULL	NULL	NULL

  - ● **FollowTopic:**

user_follower	topic_followed
followtest_3	bugs
NULL	NULL

- Note that the fourth backend test in test_follow.py simulates this visual test.

Test 7.2 -- Users should be able to see posts from the topic on their timeline after following.

- Assuming that the data is the same as at the end of Test 7.1, we can expect to see posts 3, 4, 6, and 7 on our current user's timeline. If we go to this location, we see that this is indeed the case:

@followtest_3

It broke

Holy moly this is so sad.

w/bugs

@followtest_3

My Post

This is my post.

w/general

@followtest_2

holy smokes

w/bugs

@followtest_1

Weave Bug!

HOLY SMOKES THERE IS A BUG ON WEAVE STILL! THIS IS NOT GOOD!

w/bugs
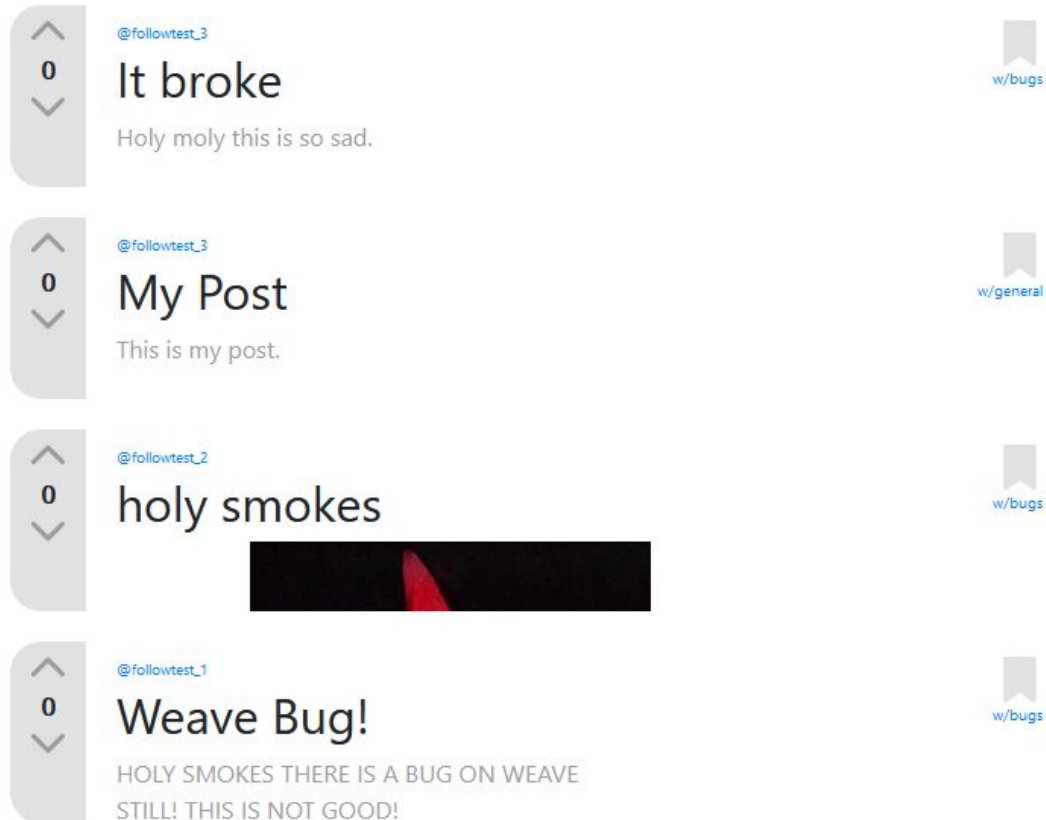
- Note that the fifth backend test in test_follow.py simulates this visual test for the backend.

User Story 8: As a user, I can follow people/accounts and see their posts on my timeline.

Test 8.1 -- Users should be able to successfully follow other users.

- For this test, we will start with the following data...
  - …in UserAccount:

DELETED	admin@weave.com
followtest_1	followtest1@test.org
followtest_2	followtest2@aol.com
followtest_3	MMAN@man.org

  - …in Post:

post_id	topic_name	creator	date_created	title
1	general	followtest_1	2020-11-01 18:26:19	Hello World
2	squids	followtest_1	2020-11-01 18:27:19	I Like Squids
3	bugs	followtest_1	2020-11-01 18:28:52	Weave Bug!
4	bugs	followtest_2	2020-11-01 18:30:23	holy smokes
5	squids	followtest_2	2020-11-01 18:31:10	Squids are cool
6	general	followtest_3	2020-11-01 18:35:28	My Post
7	bugs	followtest_3	2020-11-01 18:35:41	It broke

  - …in Topic:

topic_name	date_created	follower_count
bugs	2020-11-01 18:28:52	1
general	2020-11-01 18:26:19	0
squids	2020-11-01 18:27:19	0

  - …in FollowTopic:

user_follower	topic_followed
followtest_3	bugs

- Assume that the FollowUser table is empty. Now say that, as the user with the "followtest_2" username, we want to follow the user with the "followtest_1" username. To do this, we navigate to followtest_1's profile and click the follow button.

Follow Test

followtest_1

Bio

Joined

Sun, 01 Nov 2020 18:25:59 GMT

Follow

- We can see the user's follow count update upon request:

Joined

Sun, 01 Nov 2020 18:25:59 GMT

Unfollow

1 Followers
Following

- We can then check the database to see that the UserAccount follower_count was updated and that the FollowUser entity was added.
    - UserAccount:

username	email	follower_count
DELETED	admin@weave.com	0
followtest_1	followtest1@test.org	1
followtest_2	followtest2@aol.com	0
followtest_3	MMAN@man.org	0

    - FollowUser:

user_follower	user_followed
followtest_2	followtest_1
NULL	NULL

- Note that the second backend test in test_follow.py simulates this visual test.

Test 8.2 -- Users should be able to see posts from the topic on their timeline after following.

Assuming that the data is the same as at the end of Test 8.1, we can expect to see posts 1, 2, 3, 4, and 5 on our current user's timeline. If we go to this location, we see that this is indeed the case:
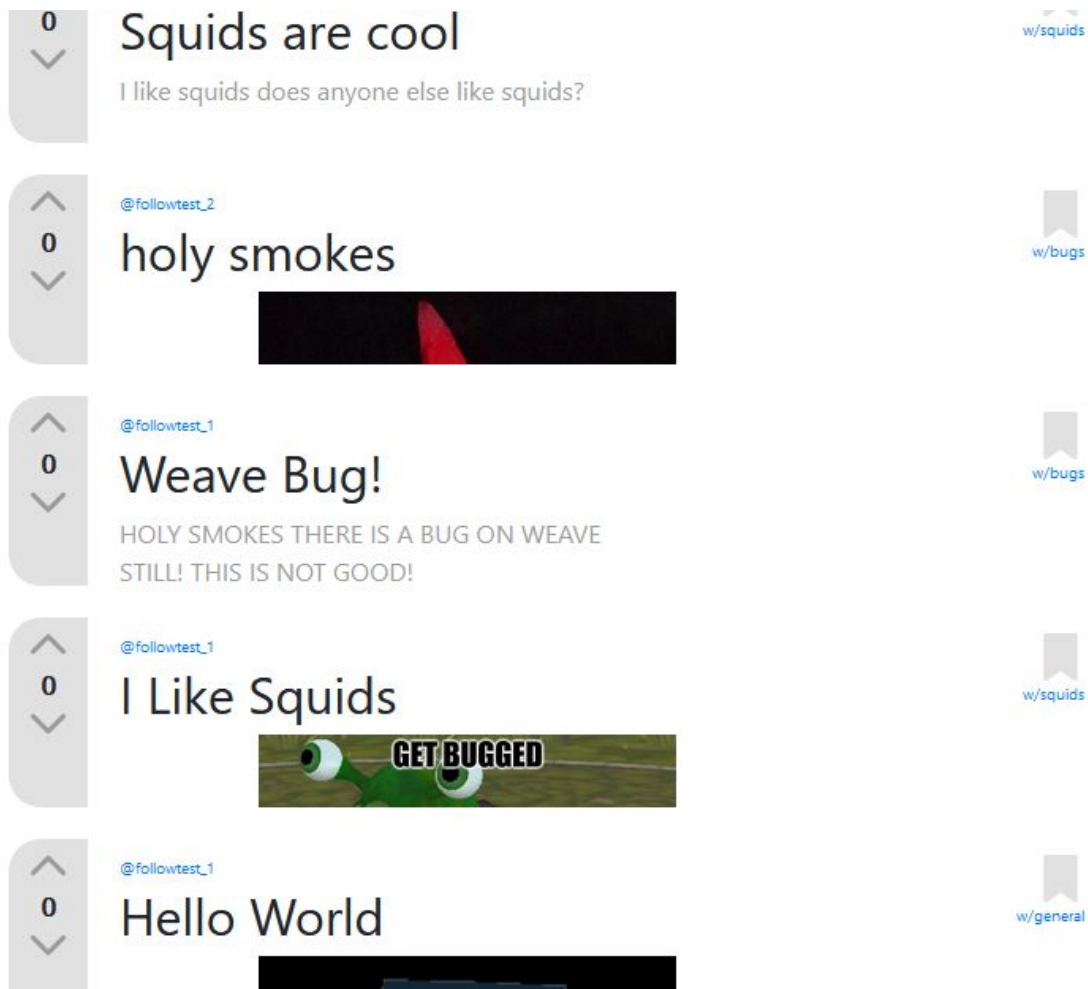
- Note that the third backend test in test_follow.py simulates this visual test for the backend.

User Story 9: As a user, I can unfollow a topic or account and have the relevant posts removed from my timeline.

Test 9.1 -- All of the posts should be removed from the timeline after unfollowing a topic or account.

- Here the timeline shows the posts of another user

- Here the timeline is empty after unfollowing the user @sahilkapur

User Story 10: As a user, I can comment on a post.

Test 10.1 -- Users should be able to comment on posts.

- The post should show the comments and the comment creator.

Comment:

Comment Text

i love pop tarts too

Add Comment

comment added!

Comments:

eshatest

eshatest
Tue, 03 Nov 2020 17:23:23 GMT
i love pop tarts too

0

- The database should show the comments after creation.

14	21	sahilkapur	0	2020-11-02 17:16:39	swefe	0	0	0
15	20	sahilkapur	0	2020-11-02 17:17:04	f	0	0	0
16	20	sahilkapur	0	2020-11-02 17:17:19	a	0	0	0
17	20	sahilkapur	0	2020-11-02 17:17:44	aa	0	0	0
18	7	eshatest	0	2020-11-03 17:23:23	i love pop tarts too	0	0	0
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Test 10.2 -- If a user tries to make an empty comment, the request should fail.

- The image below shows that when a user tries to submit a comment without any body, the application will prevent them from doing so.

Comment:

Test 10.3 -- If a user tries to make a comment with too much text, the request should fail.

- The image below shows that when a user tries to submit a comment with too many characters, the application will prevent them from doing so.

Comment:

User Story 11: As a user, I want to be able to view comments on visible posts.
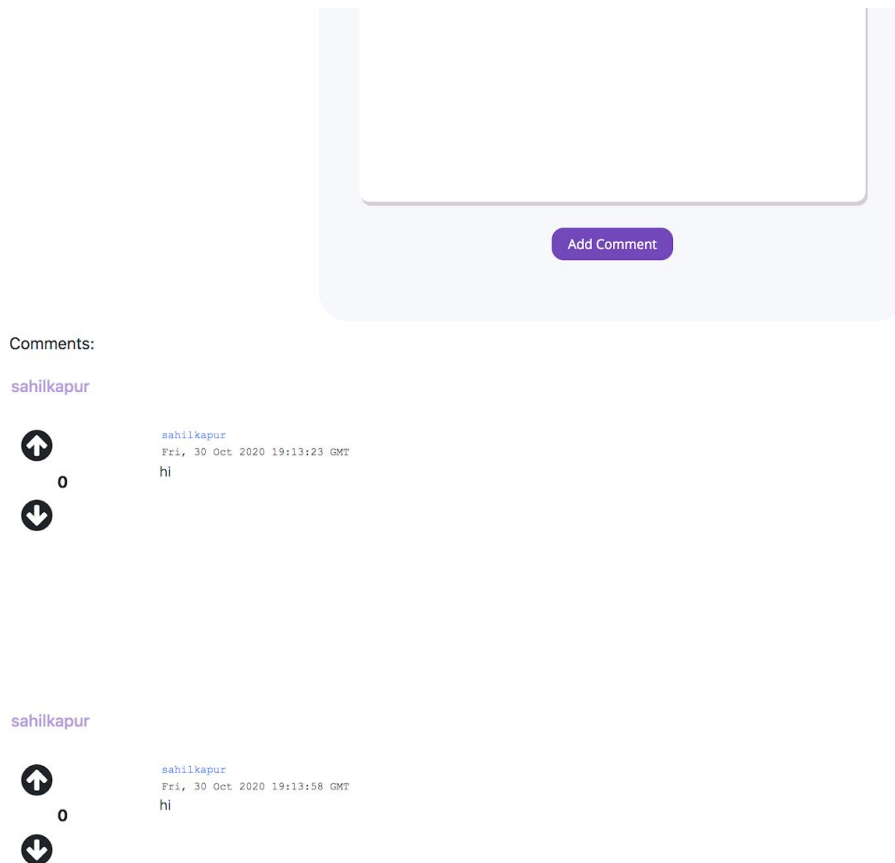
Test 11.1 -- Users should be able to view comments on posts.

- The posts should show each comment that is attached to a specific post.

Comments:

sahilkapur

sahilkapur
Fri, 30 Oct 2020 19:13:23 GMT
hi
0

sahilkapur

sahilkapur
Fri, 30 Oct 2020 19:13:58 GMT
hi
0

- Below, the database shows all the comments.

```
1 ●    SELECT * FROM weave.PostComment;
```

100%   33:1

Result Grid | Filter Rows: | Q Search | Edit: | Export/Import:

comment...	post_par...	user_par...	comment_pa...	date_created	content	upvote_co...	downvote_c...	moderatio
1	21	sahilkapur	0	2020-10-30 19:13:...	hi	0	0	0
2	21	sahilkapur	0	2020-10-30 19:13:...	hi	0	0	0
3	21	sahilkapur	0	2020-11-02 17:01:31	hia	0	0	0
4	21	sahilkapur	0	2020-11-02 17:04:43	a	0	0	0
5	21	sahilkapur	0	2020-11-02 17:05:09	a	0	0	0
6	21	sahilkapur	0	2020-11-02 17:07:48	a	0	0	0
7	21	sahilkapur	0	2020-11-02 17:10:57	a	0	0	0
8	21	sahilkapur	0	2020-11-02 17:12:28	frf	0	0	0
9	21	sahilkapur	0	2020-11-02 17:13:42	f	0	0	0
10	21	sahilkapur	0	2020-11-02 17:13:50	s	0	0	0
11	21	sahilkapur	0	2020-11-02 17:14:17	afref	0	0	0
12	21	sahilkapur	0	2020-11-02 17:14:25	a	0	0	0
13	21	sahilkapur	0	2020-11-02 17:14:32	sw	0	0	0
14	21	sahilkapur	0	2020-11-02 17:16:39	swefe	0	0	0
15	20	sahilkapur	0	2020-11-02 17:17:04	f	0	0	0
16	20	sahilkapur	0	2020-11-02 17:17:19	a	0	0	0
17	20	sahilkapur	0	2020-11-02 17:17:44	aa	0	0	0

Test 11.2 -- Users should be able to view comments in order of most upvoted.

- Below, the most upvoted comment is seen first. The order of comments will have the most upvoted to least upvoted.

Comments:

sahilkapur

⬆ (red)

2

⬇

sahilkapur
Mon, 02 Nov 2020 17:17:44 GMT
aa

sahilkapur

⬆ (red)

1

⬇

sahilkapur
Mon, 02 Nov 2020 17:17:04 GMT
f

sahilkapur

⬆

0

⬇

sahilkapur
Mon, 02 Nov 2020 17:17:19 GMT
a

User Story 12: As a user, I want the ability to upvote and downvote comments.

Test 12.1: Users should be able to upvote/downvote comments.
- For this test, we start with this instance in the PostComment table:

comment_id	post_parent	user_parent	upvote_count	downvote_count
1	8	followtest_2	0	0

- To upvote or downvote a comment, we go to the post that it belongs to and then click the upvote or downvote button.

followtest_2

followtest_2
Mon, 02 Nov 2020 19:06:05 GMT
This is a test comment that shows how voting works.

0

- In this case, we will click the upvote button.

followtest_2

followtest_2
Mon, 02 Nov 2020 19:06:05 GMT
This is a test comment that shows how voting works.

1

- Not only does the count on the frontend update, but we can also check the CommentVote table to see that the upvote was recorded and the PostComment table to see that the score was changed.
  - PostComment:

comment_id	post_parent	user_parent	upvote_count	downvote_count
1	8	followtest_2	1	0
NULL	NULL	NULL	NULL	NULL

  - CommentVote:

username	comment_id	score
followtest_2	1	1

Test 12.2 -- Users should be able to change upvotes to downvotes (and vice versa) on comments.

- For this test, we start with this instance in the PostComment table:

	comment_id	post_parent	user_parent		upvote_count	downvote_count
▶	1	8	followtest_2	...	1	0

- The recorded upvote is stored in this instance in the CommentVote table:

	username	comment_id	score
▶	followtest_2	1	1

- To change our upvote on our comment into a downvote, we go to the post that the comment belongs to (see the previous test for a visualization) and then click the downvote button.

followtest_2

followtest_2
Mon, 02 Nov 2020 19:06:05 GMT
This is a test comment that shows how voting works.

-1

- Not only does the count on the frontend update, but we can also check the CommentVote table to see that the upvote was changed to a downvote and the PostComment table to see that the score was changed.
  - PostComment:

	comment_id	post_parent	user_parent		upvote_count	downvote_count
▶	1	8	followtest_2		0	1
★	NULL	NULL	NULL	...	NULL	NULL

  - CommentVote:

	username	comment_id	score
▶	followtest_2	1	-1

Test 12.3 -- Users should be able to remove upvotes or downvotes on comments.

- For this test, we start with this instance in the PostComment table:

comment_id	post_parent	user_parent		upvote_count	downvote_count
1	8	followtest_2	...	0	1

- The recorded upvote is stored in this instance in the CommentVote table:

username	comment_id	score
followtest_2	1	-1

- To remove our downvote, we go to the post that the comment belongs to (see the previous test for a visualization) and then click the downvote button again.

followtest_2

followtest_2
Mon, 02 Nov 2020 19:06:05 GMT
This is a test comment that shows how voting works.

0

- Not only does the count on the frontend update, but we can also check the CommentVote table to see that the downvote was removed and the PostComment table to see that the score was changed.
  - PostComment:

comment_id	post_parent	user_parent		upvote_count	downvote_count
1	8	followtest_2		0	0
NULL	NULL	NULL	...	NULL	NULL

  - CommentVote:

username	comment_id	score
NULL	NULL	NULL

- *The backend_test.py file, and in particular the test_commentvote.py file in the same directory, runs these tests plus their inverses for backend functionality.*

User Story 13: As a user, I should have the option to see all of the interactions of another user when viewing their profile.

- Below is an example of a post with a comment…
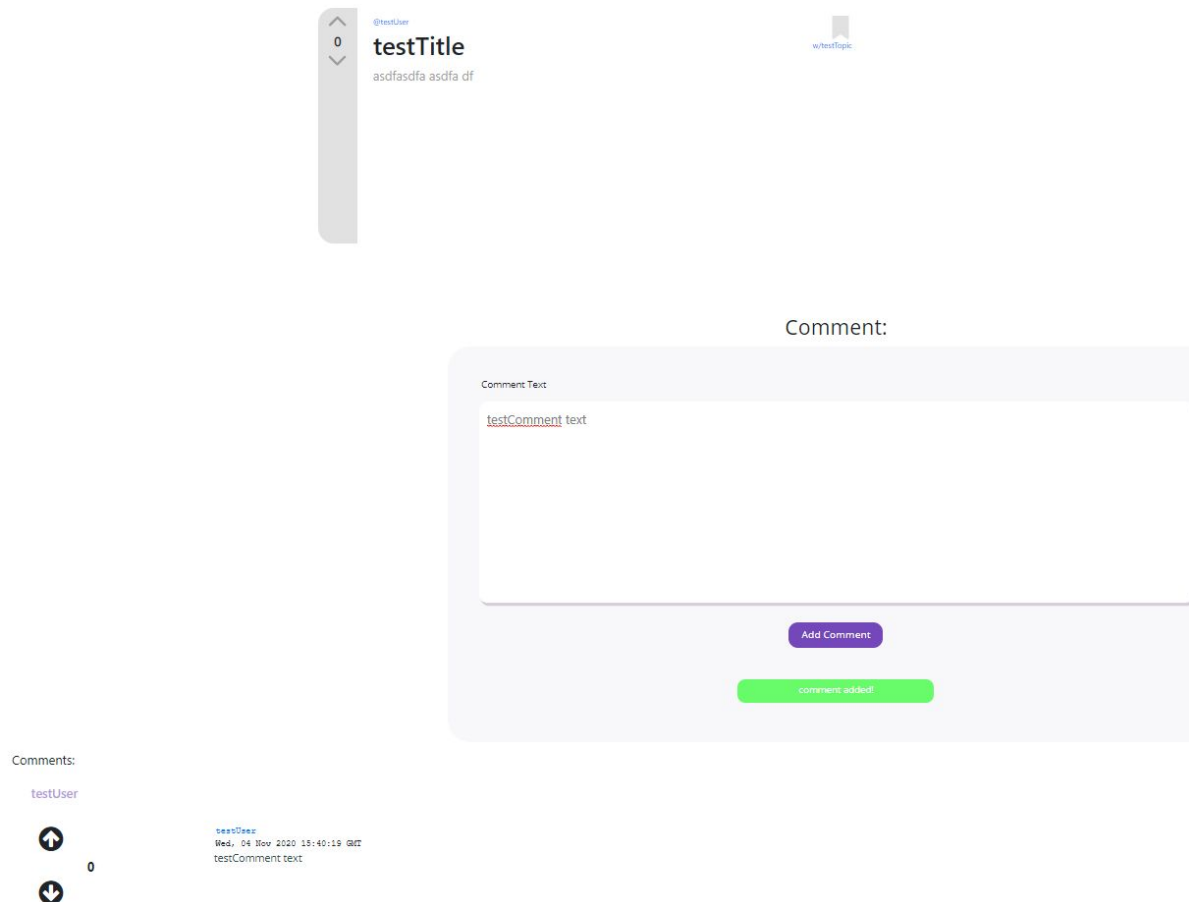
- *Test 13.1 -- Each profile page should show all the comments of its user.*
- *Test 13.2 -- Each profile page should not show any comments that were not made by its user.*
- *Test 13.3 - Comments should be ordered by most upvoted first.*
- On the profile page, a UI for navigation to a list of interactions is available and lists interactions by order of most upvoted as can be seen below to the left.
- Since it is viewing testUser's profile page, only testUser's interactions are being shown.
- A user can also choose to view either a user's posts or interactions. The UI below to the left shows Posts instead of interactions.

Posts **Interactions**

testUser

testUser
Wed, 04 Nov 2020 15:43:12 GMT
testComment text 2

1

testUser

testUser
Wed, 04 Nov 2020 15:40:19 GMT
testComment text

0

Posts **Interactions**

0

@testUser
testTitle
w/testTopic

asdfasdfa asdfa df

< 1 >

User Story 14: As a user, I should be able to delete my account.

- Users in database before account deletion (DELETED user is placeholder for holding data of deleted users' posts and comments):

username	email	encrypted_password	first_name	last_name	date_joined	user_bio
DELETED	admin@weave.com	XAXAXAXAXAXAXAXAXAXAXAXAXAXAXAXAXAXAX...	Deleted	Graveyard	2020-10-28 07:31:11	This is a fake account that holds all posts and c...
testUser2	test2@gmail.com	$2b$12$PV64GmYtG10vAlfrexw0veUGcLlUDW/...	testFirst2	testLast2	2020-11-02 14:24:26	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL

- Post UI and database information before deletion:

@testUser

0

testPostPost

asfas dasf asdf

w/testTopic

post_id	topic_name	creator	date_created	title	content	pic_path
1	testTopic	testUser2	2020-11-02 14:24:50	testPost	asdfa sdf asdf a	NULL
2	testTopic	testUser	2020-11-02 14:26:34	testPostPost	asfas dasf asdf	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL

- Comment UI and database information before deletion:

Comments:

testUser

testUser
Mon, 02 Nov 2020 14:27:18 GMT
test comment

0

comment_id	post_parent	user_parent	comment_parent	date_created	content
1	1	testUser	0	2020-11-02 14:27:18	test comment
NULL	NULL	NULL	NULL	NULL	NULL

- Account deletion UI button (before additional CSS modifications made to final version of the sprint two project):
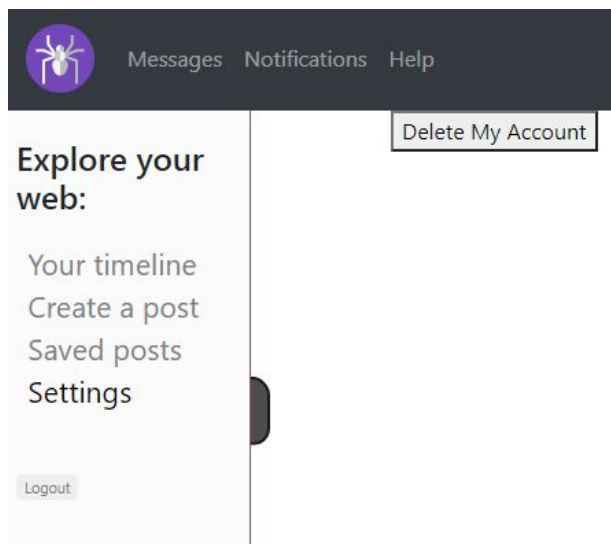
- TEST 14.1 -- Deleting a user's account will update their entity as a deleted account.
- Users in database after deletion (testUser no longer present and "merges" with the DELETED user):

	username	email	encrypted_password	first_name	last_name	date_joined	user_bio
▶	DELETED	admin@weave.com	XAXAXAXAXAXAXAXAXAXAXAXAXAXAXAXAX...	Deleted	Graveyard	2020-10-28 07:31:11	This is a fake account that holds all posts and c...
	testUser2	test2@gmail.com	$2b$12$PV64GmYtG10vAlfrexw0veUGcLlUDW/...	testFirst2	testLast2	2020-11-02 14:24:26	NULL
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL

- TEST 14.2 -- Deleting a user's account will make all of that user's posts and comments show an author of "DELETED".
- TEST 14.3 -- Deleting a user's account will not affect any interactions that other users have made with their content, other than the change in username.
- Post UI and database after account deletion (user testUser's name changed to DELETED):

	post_id	topic_name	creator	date_created	title	content
▶	1	testTopic	testUser2	2020-11-02 14:24:50	testPost	asdfa sdf asdf a
	2	testTopic	DELETED	2020-11-02 14:26:34	testPostPost	asfas dasf asdf
*	NULL	NULL	NULL	NULL	NULL	NULL

- **TEST 14.2/14.3 -- Comment UI and database after deletion.**

Comments:

DELETED

DELETED
Mon, 02 Nov 2020 14:27:18 GMT
test comment

0

	comment_id	post_parent	user_parent	comment_parent	date_created	content
▶	1	1	DELETED	0	2020-11-02 14:27:18	test comment
*	NULL	NULL	NULL	NULL	NULL	NULL

- **Failed attempt to login with deleted account:**

username/email

testUser

password

....

login

Username and password do not match.

- **Database after testUser account recreation using the registration page:**

username	email	encrypted_password	first_name	last_name	date_joined
DELETED	admin@weave.com	XAXAXAXAXAXAXAXAXAXAXAXAXAXAXAXAXAXAXAX...	Deleted	Graveyard	2020-10-28 07:31:11
testUser	test@gmail.com	$2b$12$8hUhu..YnD4F2EpkQA3dzusQM4Bl86r...	testFirst	testLast	2020-11-02 15:27:06
testUser2	test2@gmail.com	$2b$12$PV64GmYtG10vAlfrexw0veUGcLlUDW/...	testFirst2	testLast2	2020-11-02 14:24:26
NULL	NULL	NULL	NULL	NULL	NULL