


Tutorial for Kat Stop Website:

by: Mark LaFreniere

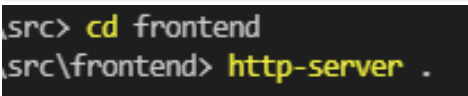
Step 1: Getting Started

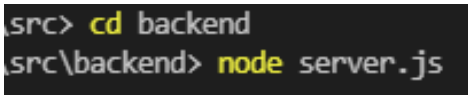
Kat stop uses several methods to get its servers up and running. The first step is to start the database server. To do this, open up XAMPP and simply start the apache and mysql servers. Make sure the MySQL_dump is in XAMPP. It should go in xampp/mysql/data. Next, open the index in vs code and have the explorer window set to the directory src (or open the terminal alone and do this). Open 2 separate terminals. On one terminal go to the frontend directory with 'cd frontend'. Then type 'http-server .' to start up the frontend server. On the other terminal, type 'cd backend' to go to the backend directory and once there type 'node server.js' to start the backend server. Both should give some confirmation messages that you are up and running. The database server should be on port 3306, the frontend server should be on port 8080, and the backend port should be on 3000. Each are on localhost.

Step 1 example:

1. 

| Service | Module | PID(s) | Port(s) | Actions |
|--------------------------|-----------|---------------|---------|---|
| <input type="checkbox"/> | Apache | 11300 6312 | 80, 443 | <input type="button" value="Stop"/> <input type="button" value="Admin"/> <input type="button" value="Config"/> <input type="button" value="Logs"/> |
| <input type="checkbox"/> | MySQL | 13376 | 3306 | <input type="button" value="Stop"/> <input type="button" value="Admin"/> <input type="button" value="Config"/> <input type="button" value="Logs"/> |
| <input type="checkbox"/> | FileZilla | | | <input type="button" value="Start"/> <input type="button" value="Admin"/> <input type="button" value="Config"/> <input type="button" value="Logs"/> |
| <input type="checkbox"/> | Mercury | | | <input type="button" value="Start"/> <input type="button" value="Admin"/> <input type="button" value="Config"/> <input type="button" value="Logs"/> |
| <input type="checkbox"/> | Tomcat | | | <input type="button" value="Start"/> <input type="button" value="Admin"/> <input type="button" value="Config"/> <input type="button" value="Logs"/> |

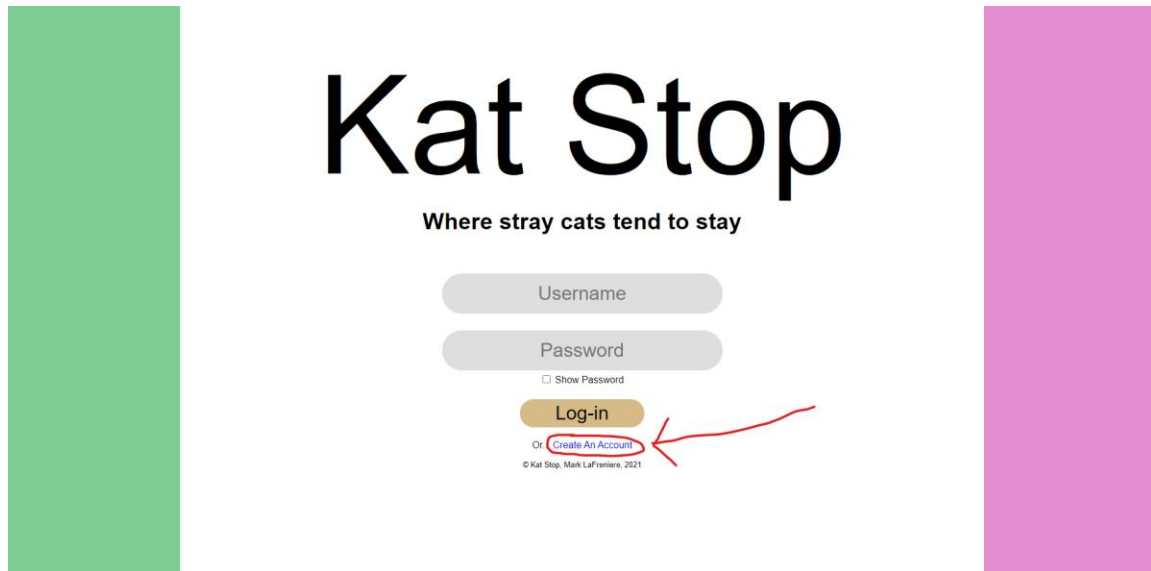
2. 

3. 

Step 2: logging in (part 1)

On a browser of your choice, open up localhost:8080. This will bring you to the login page for Kat Stop. From here you can log into an account, if you know their username and password. Since you probably do not have an account, you will need to make one. This can be done by clicking the 'Create An Account' link at the bottom of the page. Click this link to go to the account creation page.

Step 2 example:



Kat Stop

Where stray cats tend to stay

☐ Show Password

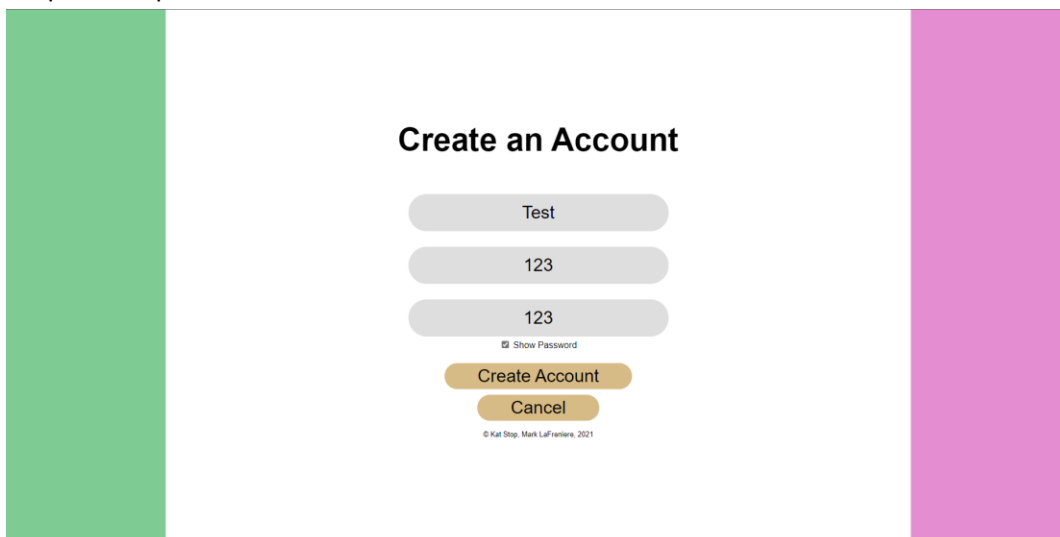
[Or Create An Account](#)
© Kat Stop, Mark LaFreniere, 2021

Step 3: Create an Account

On this page, simply enter the fields with what they describe. There is a limit of 20 characters for each field, so no username or password longer than 20 characters. Type anything you want, but make sure the passwords match. You can use the 'Show Password' checkbox to see your passwords. When finished, just click submit and your account will be created in the database. After, you will be redirected to the login page again.

NOTE: For this example below the username 'Test' and the password '123' are used. These values will already be in the database so you will not be able to use them for your account. You will even see their posts when you use the website later. We will log into this account later for further demonstration.

Step 3 example:



Create an Account

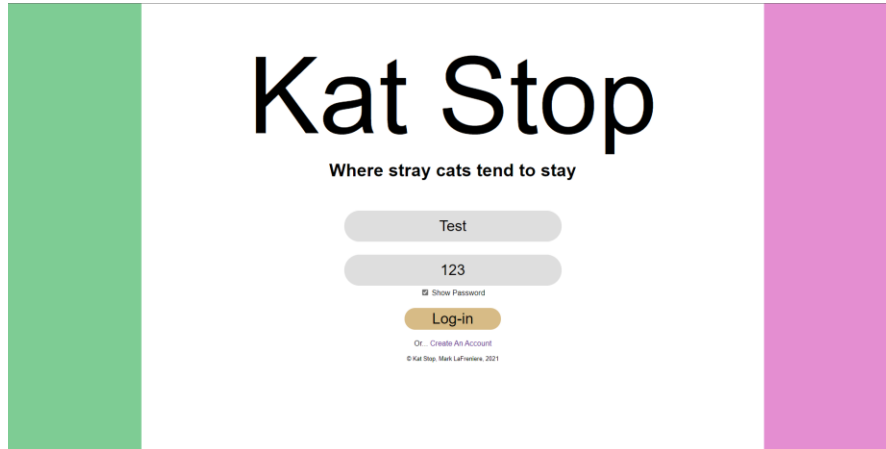
☐ Show Password

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Step 4: Logging in (part 2)

Now that you have an account, simply enter your account information in their respective field. Doing this correctly will take you to the newsfeed for your account.

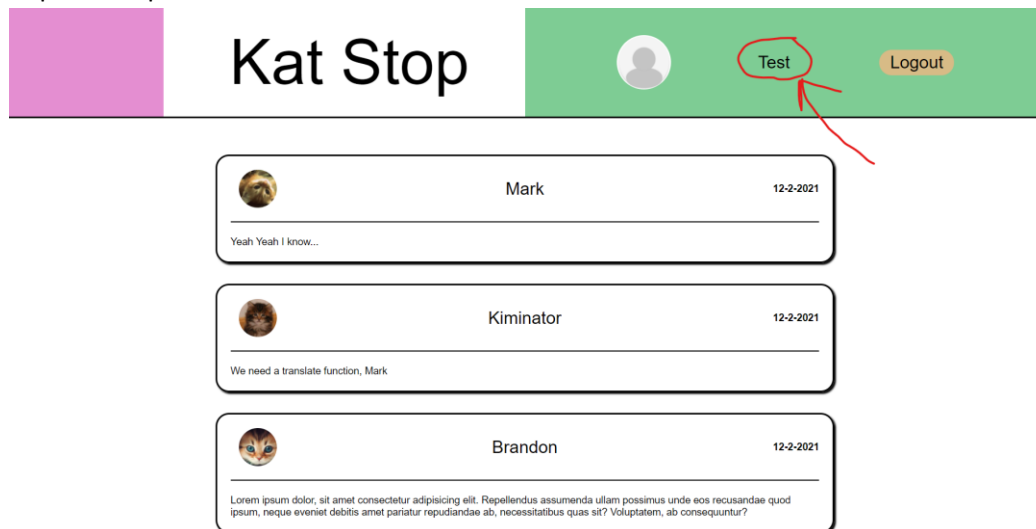
Step 4 example:

A login form for 'Kat Stop' with a green bar on the left and a pink bar on the right. The form has a title 'Kat Stop' and a subtitle 'Where stray cats tend to stay'. It contains two input fields: one for the username 'Test' and one for the password '123'. Below the password field is a 'Show Password' checkbox. There is a 'Log-in' button and a link to 'Create An Account'. At the bottom, it says '© Kat Stop Mark Lafreniere 2021'.

Step 5: Exploring the newsfeed and going to your profile page

You will now be in the newsfeed for your account. Here you can do several things, but for now just scroll and see the posts. They are each extracted from the database and are displayed from most recent to the oldest, as seen by the dates. **NOTE:** the posts you see in the example screenshot will not be the same as the ones you see now. This is because more sample posts will be added to the website after the creation of this tutorial. Next, click your username within the green bar after you are done exploring the posts.

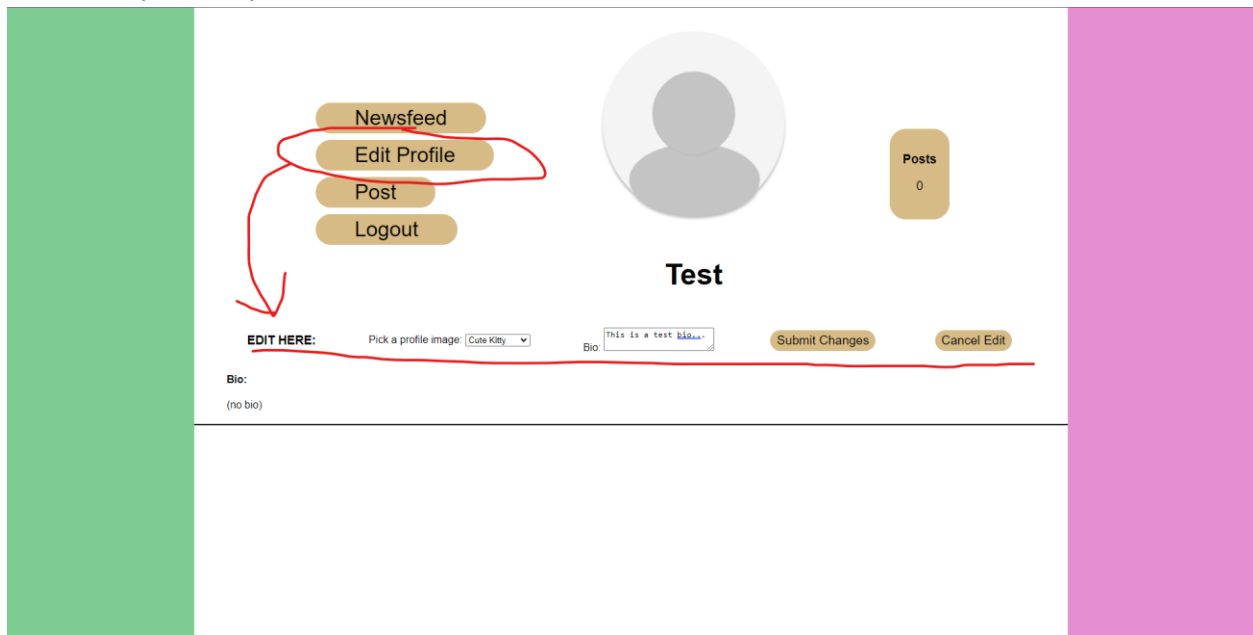
Step 5 example:



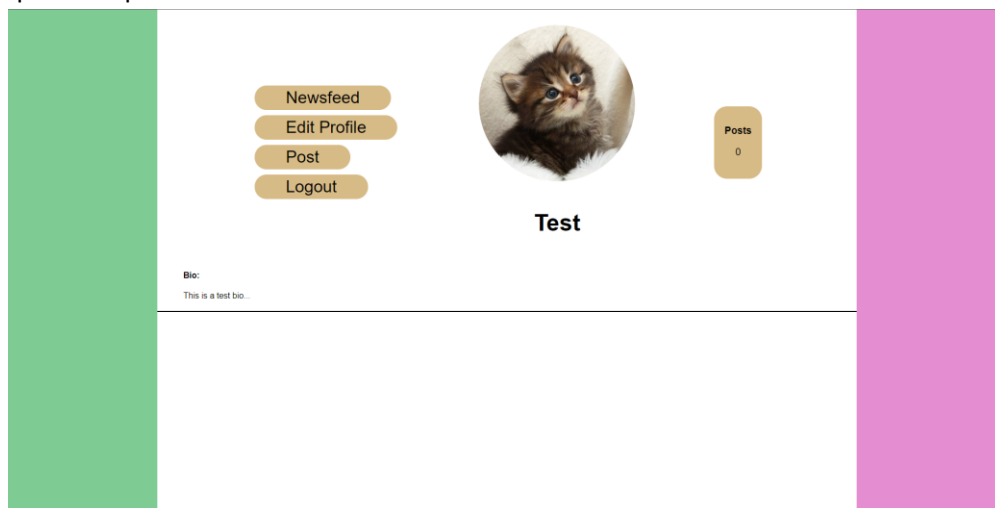
Step 6: Profile page and customizing your profile

Your profile page will be quite empty as it has just been created. To change this we use the 'Edit Profile' button. Clicking this will bring up a small menu where you can pick a profile image from a small selection, write a bio, and then decide whether to submit your changes or cancel the edit. Try canceling the edit and you will see the edit menu disappear. Clicking the edit button again will bring the menu back up. Pick any profile picture you want, add a bio, then submit your changes. Leaving the bio empty will leave your bio as '(no bio)'. Our Test account will use the 'Cute Kitty' profile picture and the bio 'This is a test bio...'. The changes on the account are shown below

Step 6 example 1:



Step 6 example 2:



Step 7: Making a post

Making a post is quite similar to editing your account. Simply click the 'Post' button to open up the menu, and fill out the post field. Submit your post after writing it. You must write something in the post field in order to make a post. After you make a post, notice that your post count will increase.

Step 7 example 1

The image shows a user profile page for a user named 'Test'. The profile includes a circular profile picture of a kitten, a bio that says 'This is a test bio...', and a 'Posts' count of 0. A menu on the left contains buttons for 'Newsfeed', 'Edit Profile', 'Post', and 'Logout'. The 'Post' button is circled in red, and a red arrow points from it to the 'CREATE POST:' section below. The 'CREATE POST:' section has a text input field with placeholder text 'Post', a 'Submit Post' button, and a 'Cancel' button. The page is flanked by a green sidebar on the left and a pink sidebar on the right.

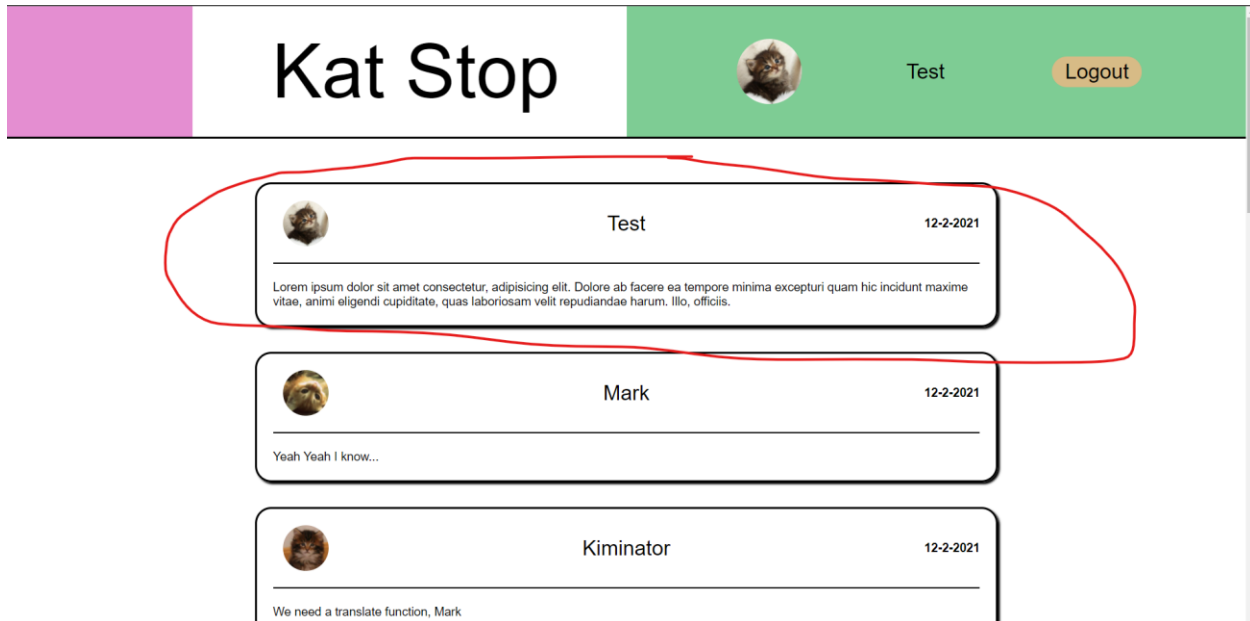
Step 7 example 2

The image shows the same user profile page for 'Test', but now the 'Posts' count is 1 and is circled in red. Below the profile information, a new post is displayed, circled in red. The post includes a small circular profile picture of the kitten, the name 'Test', the date '12-2-2021', and a paragraph of placeholder text: 'Lorem ipsum dolor sit amet consectetur, adipisicing elit. Dolore ab facere ea tempore minima excepturi quam hic incidunt maxime vitae, animi eligendi cupiditate, quas laboriosam velit repudiandae harum. Illo, officiis.' The page layout with the green and pink sidebars remains the same.

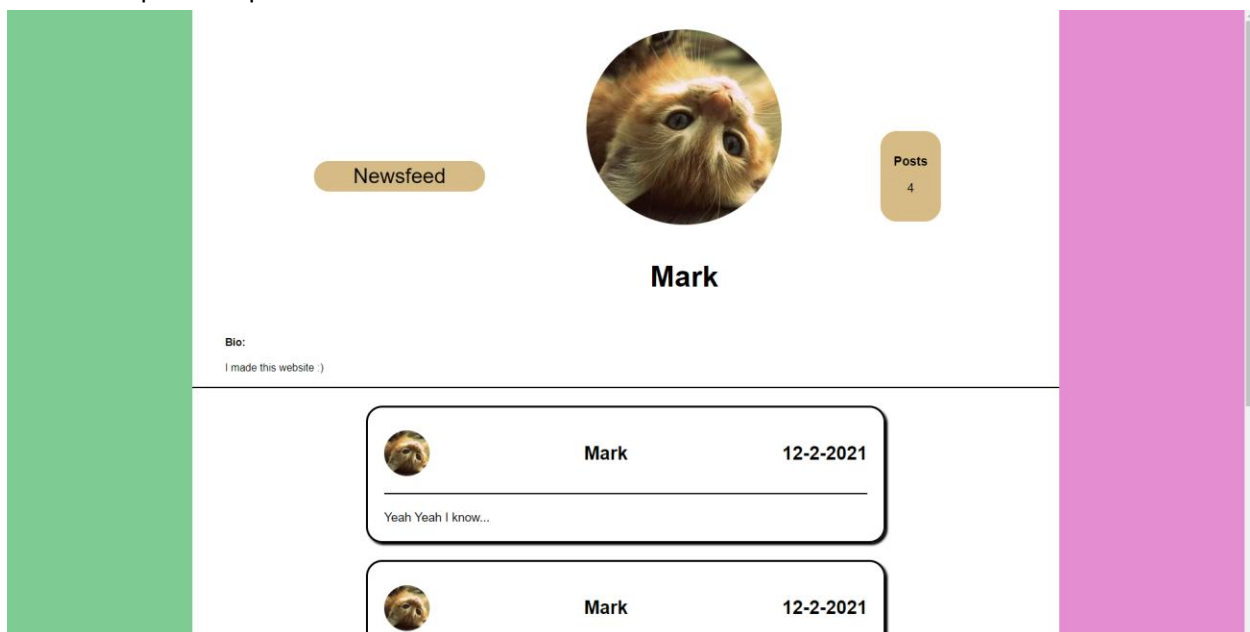
Step 8: Further exploring the newsfeed and other profiles

Click the newsfeed button to go back to the newsfeed. You will see now that the post you made is added to the newsfeed for all the world to see. You can also see that your profile picture has changed on the top bar. Next, pick any post that isn't yours and click on their username. It will take you to their profile page where you can view their posts, how many posts they've made, etc. When you are satisfied stalking them, return to the newsfeed and click the logout button.

Step 8 example 1:



Step 8 example 2



Step 9: Newsfeed and profile page from a different perspective

After logging out, you should be back on the login page. Simply enter the Test account's information that we made earlier and log in as them. Their credentials are 'Test' as the username and '123' as the password. From the newsfeed feel free to explore your created profile and see that you cannot change its information anymore. If you want, you can visit Test's profile page and change its profile image. You will see that all posts will update with this change.

Step 10: Experiment

This is the end of the tutorial. From here you can continue to create accounts and mess with their profiles and posts. The database should make sure that everything you do is recorded and reflected on the website. Have fun!