**Code Listing**

Javascript File (script.js)  
  
//This is the main javascript file which contains all the functions which each and every page on the website uses in order to have functionality

//opens the sidemenu for the user when clicked and allows the user a selection of links to go to different pages when called

function openNav() {

//if the page is the login or registration page, open the sidemenu and make it cover the screen with no transition and make the background colour a gradient between one colour to the next

if(window.location == 'http://127.0.0.1/' || window.location == 'http://127.0.0.1/Register.html' || window.location == 'http://127.0.0.1/register.php' || window.location == "http://127.0.0.1/login.php" || window.location == 'http://127.0.0.1/index.html'){

document.getElementById("mySidenav").style.width = "100%";

document.getElementById("mySidenav").style.transition = "none";

document.getElementById("mySidenav").style.backgroundImage = "linear-gradient(#6002ee,#ee6002)";

}

//else make the sidemenu come out 350 pixels from the right side of the screen

else{

document.getElementById("mySidenav").style.width = "350px";

}

}

//closes the sidemenu when called

function closeNav() {

//make the sidemeny dissapear by changing its width to 0

document.getElementById("mySidenav").style.width = "0";

}

//changes the page to Register.html when called

function register(){

window.location ='/Register.html';

}

//displays the dropdown menu when called by changing a property to show

function dropdown() {

document.getElementById("dropcontent").classList.toggle("show");

}

//when called make the template for divs equal to that displayed below so each div with name x goes into location y

function profile(){

document.getElementById("grid-container").style.gridTemplateAreas = "'header header header header header header header header''profile profile profile profile profile profile profile profile''posts posts posts posts posts posts posts util'";

}

//when called split the cookies array on ; and for each cookie in array, set the variable cookie to the current position in the cookies array and set the equal position to the index of the = in cookie.

//then set the name variable to the substring between the first character of the cookie string to the equal position if the equal position is greater than -1 and else set name to cookie

//after that set the found cookie to expire therefore deleting the cookie

function logout(){

var cookies = document.cookie.split(";");

for (var i = 0; i < cookies.length; i++) {

var cookie = cookies[i];

var eqPos = cookie.indexOf("=");

var name = eqPos > -1 ? cookie.substr(0, eqPos) : cookie;

document.cookie = name + "=;expires=Thu, 01 Jan 1970 00:00:00 GMT";

}

}

//when called request creates the feed for the homepage and the feed for a users specific profile page

function request(url){

//making a new http request

var httpRequest = new XMLHttpRequest();

//processing server response after data is sent and returned from the php file

httpRequest.onreadystatechange = function(){

try{

//what to do with response

if (httpRequest.readyState === XMLHttpRequest.DONE) {

//if the request passes then

if (httpRequest.status === 200) {

//processing outputted query

//get the query

var query = httpRequest.responseText;

//split the query on each new line

var array = query.split("<br>");

//create an array called out

var out = []

// for length of array -1 append the current element as an array of elements split on the space, creating a 2d array for each field

for (i = 0; i < array.length-1; i++){

out.push(array[i].split(" "));

}

for (i = 0; i < array.length-1; i++){

out[i][1] = out[i][1].replace(/\_955f\_/g," ");

out[i][3] = out[i][3].replace(/\_955f\_/g," "); //perform a global replace of spaces in the title, post and datecreated, not in order of the replaces on the left

out[i][4] = out[i][4].replace(/\_955f\_/g," ");

}

//declaring variables for the feed

var counter = 0;

var divs = [];

document.getElementById("posts").innerHTML="";

//creating the feed

for (index = 0; index < array.length-1; index++){

//setting the posts div to be the parent div

var parent = document.getElementById("posts");

//post div

var post = document.createElement("div"); //create a post div

post.setAttribute("id","post"); //give it an id and a class for js and css to use

post.setAttribute("class","post");

parent.appendChild(post); //append it to the posts div

//vote div

var vote = document.createElement("div"); //create a vote div

vote.setAttribute("id","vote"); //give it an id and a class for js and css to use

vote.setAttribute("class","vote");

post.appendChild(vote); // append it to the post div

//divs in vote div

//create 3 divs to be appended to vote

for (j = 0; j < 3; j++){

//set divs[counter] to a newly created div and give it the attribute id set to a string called div with the current counter appended on the end

divs[counter] = document.createElement("div");

divs[counter].setAttribute("id","div" + counter);

//if current index is 0

if(j == 0){

//append a div

vote.appendChild(divs[counter]);

}

//if current index is 1

else if (j == 1){

votesi = document.createTextNode(out[index][0]); //create a text node containing the post number and append it to the vote divs.

divs[counter].appendChild(votesi);

vote.appendChild(divs[counter]);

}

//if current index is 2

else if (j == 2){

//append a div

vote.appendChild(divs[counter]);

}

counter +=1; // add one to the counter

}

//title div

var title = document.createElement("div"); //create a div and set the variable title to it

title.setAttribute("id","title"); //give it attributes to be used by js and css

title.setAttribute("class","title");

var titlei = document.createTextNode(out[index][3]); //create a text node containing the title of the current post

title.appendChild(titlei); //append the text node to the title div

post.appendChild(title); //append the title div to the post div

//content div

var content = document.createElement("div"); //create a div and set the variable content to it

content.setAttribute("id","content"); //give it attributes to be used by js and css

content.setAttribute("class","content");

var contenti = document.createTextNode(out[index][4]); //create a text node containing the contents of the current post

content.appendChild(contenti);//append the text node to the content div

post.appendChild(content); //append the content div to the post div

//subbar div

var subbar = document.createElement("div"); //create a div and set the variable subbar to it

subbar.setAttribute("id","subbar"); //give it attributes to be used by js and css

subbar.setAttribute("class","subbar");

var createdby = document.createTextNode("Created by "); //create a text node called created by and append it to the subbar

subbar.appendChild(createdby);

var username = document.createElement("a");//create a link and set it to the profile page of the user who created the post

username.setAttribute("href", "profile.php");

username.setAttribute("onclick","probeprofile('" + out[index][5] + "')"); //make it so that when clicked it calls the function probeprofile and passes the creator of the post to the function

var usernamehtml = document.createTextNode(out[index][5]); //create a text node containing the name of the user who created the post

username.appendChild(usernamehtml); //append to the end of the link the name of the user who created the post

subbar.appendChild(username); //append the link to the subbar

var datecreated = document.createTextNode(" at " + out[index][1]);// create a text node containing the date when the post was created

subbar.appendChild(datecreated); //append the date the post was created to the subbar

post.appendChild(subbar); //append the subbar to the post

}

//getting pageno cookie contents

var pageno = document.cookie.replace(/(?:(?:^|.\*;\s\*)pageno\s\*\=\s\*([^;]\*).\*$)|^.\*$/, "$1");

//if page is home make button to go forward a page

//if the number of posts on the page is 50 and the pageno is 0 do

if (out.length == 50 && pageno == 0){

//make a div called feednav to put the button in and give it the attributes id set to feednav

var feednav = document.createElement("div");

feednav.setAttribute("id","feednav");

posts.appendChild(feednav); // append to the posts div feednav

//make button to go forward a page

var forward = document.createElement("button"); //create a button called forward and give it attributes to be used by js and css

forward.setAttribute("onclick","forward()"); // when button is clicked call the forward function

forward.setAttribute("id","forward");

var ftext = document.createTextNode("next >");//create a text node called ftext and have it contain "next >"

forward.appendChild(ftext); //append ftext to the forward button

feednav.appendChild(forward); // append to feednav the forward button

}

//else if the number of posts on the page is 50 do

else if (out.length == 50){

//make a div called feednav to put the button in and give it the attributes id set to feednav

var feednav = document.createElement("div");

feednav.setAttribute("id","feednav");

posts.appendChild(feednav);

//make button to go back a page

var back = document.createElement("button");//create a button called back and give it attributes to be used by js and css

back.setAttribute("onclick","back()"); // when button is clicked call the back function

back.setAttribute("id","back");

back.setAttribute("class","back");

var btext = document.createTextNode("< prev");//create a text node called btext and have it contain "< prev"

back.appendChild(btext); //append btext to the forward button

feednav.appendChild(back); // append to feednav the back button

//make button to go forward a page

var forward = document.createElement("button");//create a button called forward and give it attributes to be used by js and css

forward.setAttribute("onclick","forward()"); // when button is clicked call the forward function

forward.setAttribute("id","forward");

forward.setAttribute("class","forward");

var ftext = document.createTextNode("next >");//create a text node called ftext and have it contain "next >"

forward.appendChild(ftext);//append ftext to the forward button

feednav.appendChild(forward);// append to feednav the forward button

}

//else if the number of posts is less than 50 and we are not on the first page

else if (out.length < 50 && pageno != 0){

//make a div called feednav to put the button in and give it the attributes id set to feednav

var feednav = document.createElement("div");

feednav.setAttribute("id","feednav");

posts.appendChild(feednav);

//make button to go back a page

var back = document.createElement("button");//create a button called back and give it attributes to be used by js and css

back.setAttribute("onclick","back()"); // when button is clicked call the back function

back.setAttribute("id","back");

back.setAttribute("class","back");

var btext = document.createTextNode("< prev");//create a text node called btext and have it contain "< prev"

back.appendChild(btext);//append btext to the forward button

feednav.appendChild(back);// append to feednav the back button

}

document.getElementById("posts").innerHTML += "<br>";//append a newline to the end of the posts div

}

//else if the request did not pass

else {

alert('There was a problem with the request.'); //alert that there was an error with the request

}

}

}

//catch the error and send to console the error

catch(error){

console.log('Caught Exception: ' +error.description);

}

};

//making request to the server

httpRequest.open('POST', url, true);// open a request to the php file

//getting cookies

var pageno = document.cookie.replace(/(?:(?:^|.\*;\s\*)pageno\s\*\=\s\*([^;]\*).\*$)|^.\*$/, "$1");

var sortmethod = document.cookie.replace(/(?:(?:^|.\*;\s\*)sortmethod\s\*\=\s\*([^;]\*).\*$)|^.\*$/, "$1");

var page = document.cookie.replace(/(?:(?:^|.\*;\s\*)page\s\*\=\s\*([^;]\*).\*$)|^.\*$/, "$1");

var package = [pageno,sortmethod,page]; //putting cookies into an array called pacakage to be sent to the php file as you can't send more than one variable in js for some reason

httpRequest.setRequestHeader('Content-Type', 'application/x-www-form-urlencoded');//saying what type of file is going to be sent to the php file

httpRequest.send('package=' + encodeURIComponent(package)); //sending the request to the php file

}

function sortnew(){

document.cookie = "sortmethod = New";//setting the sortmethod cookie to New

document.getElementById("posts").innerHTML = ""; //emptying the posts div

request('feed.php');//calling the feed function to populate the div

}

function sortold(){

document.cookie = "sortmethod = Old";//setting the sortmethod cookie to Old

document.getElementById("posts").innerHTML = "";//emptying the posts div

request('feed.php');//calling the feed function to populate the div

}

function forward(){

var pageno = document.cookie.replace(/(?:(?:^|.\*;\s\*)pageno\s\*\=\s\*([^;]\*).\*$)|^.\*$/, "$1");//getting the contents of the pageno cookie

pageno = Number(pageno) + 50;//adding 50 to the pageno contents

document.cookie = "pageno = " + pageno;//setting the pageno cookies to the new pageno contents

document.getElementById("posts").innerHTML = "";//emptying the posts div

request('feed.php');//calling the feed function to populate the div

}

function back(){

var pageno = document.cookie.replace(/(?:(?:^|.\*;\s\*)pageno\s\*\=\s\*([^;]\*).\*$)|^.\*$/, "$1");//getting the contents of the pageno cookie

pageno = Number(pageno) - 50;//subtracting 50 from the pageno contents

document.cookie = "pageno = " + pageno;//setting the pageno cookies to the new pageno contents

document.getElementById("posts").innerHTML = "";//emptying the posts div

request('feed.php');//calling the feed function to populate the div

}

function feed(){

//if the pathname is profile then set the page cookie to profile

if (window.location.pathname == '/profile.php'){

document.cookie = "page=profile; path=/; domain=127.0.0.1";

}

//if the pathname is home then set the home cookie to home

else if (window.location.pathname == '/home.php'){

document.cookie = "page=home; path=/; domain=127.0.0.1";

}

request('feed.php');//calling the feed function to populate the div

}

//reset function when called resets the pageno, sortmethod and probepage cookies to their defaults

function reset(){

document.cookie = "pageno = 0";

document.cookie = "sortmethod = New";

document.cookie = "probepage = " + document.cookie.replace(/(?:(?:^|.\*;\s\*)user\s\*\=\s\*([^;]\*).\*$)|^.\*$/, "$1");

}

//outputs a msg into the posts div by first emptying it and then displaying the set msg

function follows(){

document.getElementById("posts").innerHTML="";

document.getElementById("posts").innerHTML="The follows page is a work in progress";

}

//outputs a msg into the posts div by first emptying it and then displaying the set msg

function followers(){

document.getElementById("posts").innerHTML="";

document.getElementById("posts").innerHTML="The followers page is a work in progress";

}

function search(){

//processing outputted query

//get the query from the econtents of the post div

var query = document.getElementById("posts").innerHTML;

var error = document.cookie.replace(/(?:(?:^|.\*;\s\*)error\s\*\=\s\*([^;]\*).\*$)|^.\*$/, "$1");//get the contents of the error cookie

if (error == "none"){//if the contents of the error cookie is none

var array = query.split("<br>");//split the output of the query on newline and append it to a variable called array, as an array is created from this splitting process

var out = [];//create an array called out

for (i = 0; i < array.length-1; i++){// for length of array -1 append the current element as an array of elements split on the space, creating a 2d array for each field

out.push(array[i].split(" "));

}

document.getElementById("posts").innerHTML = "";//empty the feed after getting its contents

//creating the feed

for (index = 0; index < array.length-1; index++){

//setting the posts div to be the parent div

var parent = document.getElementById("posts");

//search div

var post = document.createElement("div");//create a post div

post.setAttribute("id","post");//give it an id and a class for js and css to use

post.setAttribute("class","post");

//data div

var vote = document.createElement("div");//create a vote div

vote.setAttribute("id","vote");//give it an id and a class for js and css to use

vote.setAttribute("class","vote");

//username div

var user = document.createElement("div");//create a div and set the variable user to it

user.setAttribute("id","title");//give it attributes to be used by js and css

user.setAttribute("class","title");

var useri = document.createElement("a");//create a link element

useri.setAttribute("href", "profile.php");//give it attributes like a link and what to do when clicked

useri.setAttribute("onclick","probeprofile('" + out[index][1] + "')");//when clicked execute probeprofile, passing the name of the user to probe profile

var userj = document.createTextNode(out[index][1]);//create a textnode containing the searched users username

useri.appendChild(userj);//append the text node to the link

user.appendChild(useri);//append the link to the user div(title div)

//about friend div

var content = document.createElement("div");//create a div and set the variable content to it

content.setAttribute("id","content");//give it attributes to be used by js and css

content.setAttribute("class","content");

out[index][2] = out[index][2].replace(/\_955f\_/g," ");//replace all \_955f\_ with a space

var contenti = document.createTextNode(out[index][2]);//create a text node containing the bio of the user

content.appendChild(contenti);//append the bio to the content div

//appending divs

parent.appendChild(post);

post.appendChild(vote);

post.appendChild(user);

post.appendChild(content);

}

}

}

//when called change probepage cookie to the parameter 'profile' passed to the function

function probeprofile(profile){

document.cookie = "probepage = " + profile;

}

function about(){

//making a new http request

var httpRequest = new XMLHttpRequest();

//processing server response after data is sent and returned from the php file

httpRequest.onreadystatechange = function(){

try{

//what to do with response

if (httpRequest.readyState === XMLHttpRequest.DONE) {

//if the request passes then

if (httpRequest.status === 200) {

//processing outputted query

//get the query

var query = httpRequest.responseText;

document.getElementById("posts").innerHTML = "";//empty the feed div

document.getElementById("posts").innerHTML = query;//make the feed div the query

}

//else if the request did not pass

else {

alert('There was a problem with the request.'); //alert that there was an error with the request

}

}

}

//catch the error and send to console the error

catch(error){

console.log('Caught Exception: ' +error.description);

}

};

//making request to the server

httpRequest.open('POST', "about.php", true);// open a request to the php file

httpRequest.send(); //sending the request to the php file

}

//Loops through and shutsdown dropdown elements

window.onclick = function(event) {

//if an event occurs that is not on the dropbtn class

if (!event.target.matches('.dropbtn')) {

var dropdowns = document.getElementsByClassName("dropdown-content");//setting a variable to a class list

var i;//creating a variable called i

for (i = 0; i < dropdowns.length; i++) { //for length of dropdown, open dropdown = current dropdown element, remove the show attribute from the class if open dropdown contains show

var openDropdown = dropdowns[i];

if (openDropdown.classList.contains('show')) {

openDropdown.classList.remove('show');

}

}

}

}

SQL file (SQL COMMANDS USED.sql)

--creating tables

--users table

CREATE TABLE IF NOT EXISTS users(

username VARCHAR(25) NOT NULL PRIMARY KEY,

pword VARCHAR(255) NOT NULL,

bio VARCHAR(50000) NOT NULL

) ENGINE InnoDB;

--posts table

CREATE TABLE IF NOT EXISTS postsT(

dateCreated DATETIME NOT NULL PRIMARY KEY,

votes INT NOT NULL,

title VARCHAR(255) NOT NULL,

content varchar(60000),

username VARCHAR(25),

FOREIGN KEY (username) REFERENCES users(username)

) ENGINE = InnoDB;

--sql used in pages

--for pages containing rownum

SET @rownum = $pageno;

--in mysql set pageno to a user session variable named rownum

--about.php

SELECT bio FROM users WHERE username LIKE '$user';

--execute a query where it selects bio from users where the username is that of the contents of probepage

--feed.php

SELECT (@rownum := @rownum + 1) AS rownum, title, dateCreated, votes, content, username FROM postsT ORDER BY dateCreated DESC LIMIT $pageno,50;

--select rownum as an incrementing variable, along with title, dateCreated, votes, content, username from postsT and order it by newest posts, only outputting the first 50 newest

SELECT (@rownum := @rownum + 1) AS rownum, title, dateCreated, votes, content, username FROM postsT ORDER BY dateCreated ASC LIMIT $pageno,50;

--select rownum as an incrementing variable, along with title, dateCreated, votes, content, username from postsT and order it by oldest posts, only outputting the first 50 newest

SELECT (@rownum := @rownum + 1) AS rownum, title, dateCreated, votes, content, username FROM postsT WHERE username = '$probepage' ORDER BY dateCreated DESC LIMIT $pageno,50;

--select rownum as an incrementing variable, along with title, dateCreated, votes, content, username from postsT and order it by newest posts, only outputting the first 50 newest and only outputting the posts from the user that has been searched

SELECT (@rownum := @rownum + 1) AS rownum, title, dateCreated, votes, content, username FROM postsT WHERE username = '$probepage' ORDER BY dateCreated ASC LIMIT $pageno,50;

--select rownum as an incrementing variable, along with title, dateCreated, votes, content, username from postsT and order it by oldest posts, only outputting the first 50 newest and only outputting the posts from the user that has been searched

--login.php

SELECT COUNT(\*) FROM users WHERE username = '$user' AND pword = '$pword';

--select the number of users who have x username and y password

--register.php

SELECT COUNT(\*) FROM users WHERE username = '$user';

--count the number of users who have the username equal to the $user variable

INSERT INTO users(username,pword,bio) VALUES('$user','$pword','$bio');

--insert into the users table in the fields username, pword and bio the values variable user, variable pword and variable bio

--searchpage.php

SET @rownum = 0;

--in mysql set the user session variable named rownum to 0

SELECT (@rownum := @rownum + 1) AS rownum, username, bio FROM users WHERE username LIKE '$search%';

--select rownum, with it incrementing by one on each repitition, username and bio from the uesrs table where the username is contains in its first few characters

--the contents of the search variable

--postprocessing.php

INSERT INTO postsT (dateCreated,votes,title,content, username) VALUES(CURRENT\_TIMESTAMP, 0, '$title', '$content', '$user');

--inserting new posts into the database into their respective fields

--settingsaccount.php

UPDATE users SET pword = '$pword' WHERE username = '$user';

--update the users table by setting the password to the variable password where the user is the same as that of the user variable

--settingspreferences.php

UPDATE users SET bio = '$bio' WHERE username = '$user';

--update users table and set the bio field to the bio variable where the username is the username variable

--settingsdeletesubmit.php

DELETE FROM postsT WHERE username = '$user';

--delete from postst records where the username field is equal to that of the user variable

DELETE FROM users WHERE username = '$user';

--delete from users where the username field is equal to that of the user variable

PHP files

createpost.php

<?php

?>

<!DOCTYPE html>

<head>

<title>Create a Post</title>

<link rel = "icon" href = "../profile\_i/WorldTree.png"><!-- page title -->

<link rel="stylesheet" type="text/css" href="../website.css"><!-- getting the css stylesheet -->

</head>

<body>

<!--Creating general grid container-->

<div class = "grid-container" id = "gen">

<div class = "header">

<!--Side Navigation bar for User Profile-->

<div id="mySidenav" class="sidenav">

<a href="javascript:void(0)" class="closebtn" onclick="closeNav()">&times;</a><!-- close button for side bar, when clicked call the js function closeNav() -->

<!-- link which contains the username and when clicked calls the reset function -->

<h1><a href = "http://127.0.0.1/profile.php" class = "title" onclick = "reset()"><?php echo $\_COOKIE['user']; ?></a></h1><!--Echoes the current user-->

<!-- the user image -->

<br><img src = "../profile\_i/avatar.png" alt = "user profile picture"><br>

<!-- link to the users profile page, also calls the reset function -->

<a href = "http://127.0.0.1/profile.php" onclick = "reset()">Your Profile</a>

<!-- link to the settings page -->

<a href = "../settings/settingspreferences.php">Settings</a>

<!-- link to logout of the website, calls the logout function -->

<a href = "http://127.0.0.1/" class = "logout" onclick = "logout()">Log Out</a>

</div>

<!--Navigation bar-->

<div class = "navbar">

<nav>

<!--Navbar links-->

<!-- home page, notifications page -->

<a href = "http://127.0.0.1/home.php" onclick = "reset()">Home</a

><a href = "http://127.0.0.1/notifications.php">Notifications</a

><form action = "../searchpage.php" method = "POST"><!--search bar, action is to post to searchpage.php, method is post-->

<input type = "text" name = "search" placeholder="Search WorldTree">

</form>

</nav>

</div>

<!--User profile button on top right of the website, when clicked calls the openNav js function-->

<div class = "uprofile">

<img src = "../profile\_i/avatar.png" alt = "user profile picture" onclick="openNav()">

</div>

</div>

<!--Feed-->

<div class = "posts">

<!--form for creating a post-->

<form action = "postprocessing.php" method = "POST"><!-- method is post and the action is to send to postprocessing.php -->

<br><strong>Title</strong><br>

<textarea name = "title" rows="2" cols="60"></textarea><!-- Create a textbox 2 rows in height and 60 columns in length -->

<br>

<br><strong>Content</strong><br>

<textarea name = "content" rows="10" cols="60"></textarea><!-- create a textbox 10 rows in height and 60 columns in length -->

<br><br>

<input type = "submit" value = "Create Post"><!-- submit button for the post -->

</form>

</div>

<!--utility buttons-->

<div class = "util">

<br><br><br><br><br>

<a href="createpost.php" class = "active">Text</a><!-- link to create a post page, which is current page, indicated by the active class -->

<a href="createpostI.php">Image</a><!-- link to create an image post page -->

</div>

</div>

<!--JavaScript-->

<script src = "../script.js"></script>

</body>

</html>

createpostI.php

<?php

?>

<!DOCTYPE html>

<head>

<title>Create a Post</title>

<link rel = "icon" href = "../profile\_i/WorldTree.png">

<link rel="stylesheet" type="text/css" href="../website.css">

</head>

<body>

<!--Creating general grid container-->

<div class = "grid-container" id = "gen">

<div class = "header">

<!--Side Navigation bar for User Profile-->

<div id="mySidenav" class="sidenav">

<a href="javascript:void(0)" class="closebtn" onclick="closeNav()">&times;</a><!-- close button for side bar, when clicked call the js function closeNav() -->

<!-- link which contains the username and when clicked calls the reset function -->

<h1><a href = "http://127.0.0.1/profile.php" class = "title" onclick = "reset()"><?php echo $\_COOKIE['user']; ?></a></h1><!--Echoes the current user-->

<!-- the user image -->

<br><img src = "../profile\_i/avatar.png" alt = "user profile picture"><br>

<!-- link to the users profile page, also calls the reset function -->

<a href = "http://127.0.0.1/profile.php" onclick = "reset()">Your Profile</a>

<!-- link to the settings page -->

<a href = "../settings/settingspreferences.php">Settings</a>

<!-- link to logout of the website, calls the logout function -->

<a href = "http://127.0.0.1/" class = "logout" onclick = "logout()">Log Out</a>

</div>

<!--Navigation bar-->

<div class = "navbar">

<nav>

<!--Navbar links-->

<!-- home page, notifications page -->

<a href = "http://127.0.0.1/home.php" onclick = "reset()">Home</a

><a href = "http://127.0.0.1/notifications.php">Notifications</a

><form action = "../searchpage.php" method = "POST"><!--search bar, action is to post to searchpage.php, method is post-->

<input type = "text" name = "search" placeholder="Search WorldTree">

</form>

</nav>

</div>

<!--User profile button on top right of the website, when clicked calls the openNav js function-->

<div class = "uprofile">

<img src = "../profile\_i/avatar.png" alt = "user profile picture" onclick="openNav()">

</div>

</div>

<!--Feed-->

<div class = "posts">

<!--form for creating a post-->

<form action = "postprocessingI.php" method = "POST"><!-- method is post and the action is to send to postprocessingI.php, which has sadly been deleted -->

<br><strong>Title</strong><br>

<textarea name = "title" rows="2" cols="60"></textarea><!-- Create a textbox 2 rows in height and 60 columns in length -->

<br>

<br><strong>Content</strong><br>

<input type="file" name="img"><!-- allow the user to input a file -->

<br><br>

This page doesn't work!<!-- explanation saying that this page doesn't work -->

</form>

</div>

<!--utility buttons-->

<div class = "util">

<br><br><br><br><br>

<a href="createpost.php" >Text</a><!-- link to create a post page -->

<a href="createpostI.php" class = "active">Image</a><!-- link to create a image post page, which is current page, indicated by the active class -->

</div>

</div>

<!--JavaScript-->

<script src = "../script.js"></script>

</body>

</html>

postproccessing.php

<?php

//receiving posted form contents, setting the error var to blank, setting the user var to the user cookies contents

$title = (string)$\_POST['title'];

$content = (string)$\_POST['content'];

$error = "";

$user = $\_COOKIE['user'];

//if the title is longer than 144 characters in length then

if (strlen($title) > 144){

$error = "Your title must be shorter than or equal to 144 characters in length";//set error var to an error msg which says it must be shorter than or equal to 144 chars in length

}

//else if the content of the post is greater than 50,000 characters in length then

elseif (strlen($content) > 50000){

$error = "Your post must be shorter than or equal to 50,000 characters in length";//set error var to an error msg which says it must be shorter than or equal to 50,000 chars in length

}

//else if the title is not empty or the title is equal to the string "0", as the empty function seems to include 0 as a integer as being empty then

else if (!empty($title) or $title == "0"){

$title = sanitize($title);//execute the sanitize variable on the title

$content = sanitize($content);//execute the santize variable on the content

//Create a database connection

$connection = mysqli\_connect ("127.0.0.1","root");

//Selecting the database

mysqli\_select\_db ($connection, "website") or die ("Connection with database failed!");

//inserting new posts into the database into their respective fields

mysqli\_query($connection, " INSERT INTO postsT (dateCreated,

votes,

title,

content,

username)

VALUES ( CURRENT\_TIMESTAMP,

0,

'$title',

'$content',

'$user'

)

;")

or die ("Invalid query: ".mysqli\_error($connection));//echo an error has occured and why it has occured

//Closing the connection

mysqli\_close($connection);

//Loading home page

header("Location: http://127.0.0.1/home.php");

}

//else if the title is empty and not equal to the string "0" then

else if (empty($title) and $title != "0"){

$error = "Please enter a value for your title";//set error var to please enter a value for your title

}

//create sanitize function where the variable text is passed through it

function sanitize($text){

$text = htmlentities($text, ENT\_QUOTES);//replace all html entities, double and single quotes with friendly characters

$text = addslashes($text);//add slashes to predefined chars

return $text;//return the text var

}

?>

<!DOCTYPE html>

<head>

<title>Create a Post</title>

<link rel = "icon" href = "../profile\_i/WorldTree.png"><!-- page title -->

<link rel="stylesheet" type="text/css" href="../website.css"><!-- getting the css stylesheet -->

</head>

<body>

<!--Creating general grid container-->

<div class = "grid-container" id = "gen">

<div class = "header">

<!--Side Navigation bar for User Profile-->

<div id="mySidenav" class="sidenav">

<a href="javascript:void(0)" class="closebtn" onclick="closeNav()">&times;</a><!-- close button for side bar, when clicked call the js function closeNav() -->

<!-- link which contains the username and when clicked calls the reset function -->

<h1><a href = "http://127.0.0.1/profile.php" class = "title" onclick = "reset()"><?php echo $\_COOKIE['user']; ?></a></h1><!--Echoes the current user-->

<!-- the user image -->

<br><img src = "../profile\_i/avatar.png" alt = "user profile picture"><br>

<!-- link to the users profile page, also calls the reset function -->

<a href = "http://127.0.0.1/profile.php" onclick = "reset()">Your Profile</a>

<!-- link to the settings page -->

<a href = "../settings/settingspreferences.php">Settings</a>

<!-- link to logout of the website, calls the logout function -->

<a href = "http://127.0.0.1/" class = "logout" onclick = "logout()">Log Out</a>

</div>

<!--Navigation bar-->

<div class = "navbar">

<nav>

<!--Navbar links-->

<!-- home page, notifications page -->

<a href = "http://127.0.0.1/home.php">Home</a

><a href = "http://127.0.0.1/notifications.php">Notifications</a

><form action = "../searchpage.php" method = "POST"><!--search bar, action is to post to searchpage.php, method is post-->

<input type = "text" name = "search" placeholder="Search WorldTree">

</form>

</nav>

</div>

<!--User profile button on top right of the website, when clicked calls the openNav js function-->

<div class = "uprofile">

<img src = "../profile\_i/avatar.png" alt = "user profile picture" onclick="openNav()">

</div>

</div>

<!--Feed-->

<div class = "posts">

<!--form for creating a post-->

<form action = "postprocessing.php" method = "POST"><!-- method is post and the action is to send to postprocessing.php -->

<br><strong>Title</strong><br>

<textarea name = "title" rows="2" cols="60" ><?php echo $title; ?></textarea><!-- Create a textbox 2 rows in height and 60 columns in length -->

<!-- echo into the title textbox the contents of the posted title -->

<br>

<br><strong>Content</strong><br>

<textarea name = "content" rows="10" cols="60" ><?php echo $content;?></textarea><!-- create a textbox 10 rows in height and 60 columns in length -->

<!-- echo into the contents textbox the contents of the posted contents -->

<br><?php echo $error; ?><br>

<input type = "submit" value = "Create Post"><!-- submit button for the post -->

</form>

</div>

<!--utility buttons-->

<div class = "util">

<br><br><br><br><br>

<a href="createpost.php" class = "active">Text</a><!-- link to create a post page, which is current page, indicated by the active class -->

<a href="createpostI.php">Image</a><!-- link to create an image post page -->

</div>

</div>

<!--JavaScript-->

<script src = "../script.js"></script>

</body>

</html>

settingsaccount.php

<?php

?>

<!DOCTYPE html>

<head>

<title>Settings</title>

<link rel = "icon" href = "../profile\_i/WorldTree.png"><!-- page title -->

<link rel="stylesheet" type="text/css" href="../website.css"><!-- getting the css stylesheet -->

</head>

<body>

<!--Creating general grid container-->

<div class = "grid-container" id = "gen">

<div class = "header">

<!--Side Navigation bar for User Profile-->

<div id="mySidenav" class="sidenav">

<a href="javascript:void(0)" class="closebtn" onclick="closeNav()">&times;</a><!-- close button for side bar, when clicked call the js function closeNav() -->

<!-- link which contains the username and when clicked calls the reset function -->

<h1><a href = "http://127.0.0.1/profile.php" class = "title" onclick = "reset()"><?php echo $\_COOKIE['user']; ?></a></h1><!--Echoes the current user-->

<!-- the user image -->

<br><img src = "../profile\_i/avatar.png" alt = "user profile picture"><br>

<!-- link to the users profile page, also calls the reset function -->

<a href = "http://127.0.0.1/profile.php" onclick = "reset()">Your Profile</a>

<!-- link to the settings page -->

<a href = "http://127.0.0.1/settings/settingspreferences.php">Settings</a>

<!-- link to logout of the website, calls the logout function -->

<a href = "http://127.0.0.1/" class = "logout" onclick = "logout()">Log Out</a>

</div>

<!--Navigation bar-->

<div class = "navbar">

<nav>

<!--Navbar links-->

<!-- home page, which is current page, indicated by the active class; notifications page -->

<a href = "http://127.0.0.1/home.php">Home</a

><a href = "">Notifications</a

><form action = "../searchpage.php" method = "POST"><!--search bar, action is to post to searchpage.php, method is post-->

<input type = "text" name = "search" placeholder="Search WorldTree">

</form>

</nav>

</div>

<!--User profile button on top right of the website, when clicked calls the openNav js function-->

<div class = "uprofile">

<img src = "../profile\_i/avatar.png" alt = "user profile picture" onclick="openNav()">

</div>

</div>

<!--Feed-->

<div class = "posts">

<form action = "settingsaccountsubmit.php" method = "POST">

<br><br><strong>Change Your Password</strong><br><br>

&nbsp&nbsp&nbsp&nbsp<input type = "password" name = "pword" placeholder = "Password">

<br>&nbsp&nbsp&nbsp&nbsp<input type = "password" name = "repword" placeholder = "Re-enter Password"><br>

<br>

<input type = "submit" value = "Submit Changes">

</form>

</div>

<!--utility buttons-->

<div class = "util">

<br><br><br><br><br>

<a href = "settingspreferences.php">Preferences</a><!-- link to preferences page in settings -->

<a href = "" class = "active">Account</a><!-- current page, hence the active class -->

<a href = "settingsdelete.php">Delete Account</a><!-- link to delete page in settings -->

</div>

</div>

<!--JavaScript-->

<script src = "../script.js"></script>

</body>

</html>

settingsaccountsubmit.php

<?php

//validation for if passwords do not match then

if($\_POST["pword"] != $\_POST["repword"]) {

$error = 'Your passwords do not match'; //set the error msg to your passwords do not match

}

//elseif the password is lesser than or equal to 6 characters in length and it is not empty then

elseif(strlen($\_POST["pword"]) <=6 and !empty($\_POST["pword"])){

$error = 'Your password is not long enough';//set the error msg to your password is not long enough

}

//else if the length of the password is greater than 50 characters long and the password is not empty

elseif(strlen($\_POST["pword"]) >50 and !empty($\_POST["pword"])){

$error = 'Your password is too long';//set the error msg to say that your password is too long

}

//else if the password is not empty and the password and the reentered passwords are the same and the length of the password is greater than six characters in length and

// is lesser than or equal to 50 characters in length then

elseif(!empty($\_POST["pword"]) and $\_POST["pword"] == $\_POST["repword"]) {

//set the password and user variables to the posted password and the contents of ther user cookie

$pword = $\_POST["pword"];

$user = $\_COOKIE['user'];

//getting rid of special characters in password like <p> -> &quot;</p> along with charcters like " become &quot;

$pword = htmlentities($pword, ENT\_QUOTES);

$pword = addslashes($pword);//add slashes to predefined special characters

//Create a database connection

$connection = mysqli\_connect ("127.0.0.1","root");

//Selecting the database

mysqli\_select\_db ($connection, "website") or die ("Connection with database failed!");

//Updating password for the user account

$query = mysqli\_query($connection, "UPDATE users SET pword = '$pword' WHERE username = '$user';")

//update the users table by setting the password to the variable password where the user is the same as that of the user variable

or die ("Invalid query: ".mysqli\_error($connection));//echo an error has occured and why it has occured

$error = "Password updated";//set the error variable to say that the password has been updated

//close the connection to the server

mysqli\_close($connection);

}

?>

<?php

?>

<!DOCTYPE html>

<head>

<title>Settings</title>

<link rel = "icon" href = "../profile\_i/WorldTree.png"><!-- page title -->

<link rel="stylesheet" type="text/css" href="../website.css"><!-- getting the css stylesheet -->

</head>

<body>

<!--Creating general grid container-->

<div class = "grid-container" id = "gen">

<div class = "header">

<!--Side Navigation bar for User Profile-->

<div id="mySidenav" class="sidenav">

<a href="javascript:void(0)" class="closebtn" onclick="closeNav()">&times;</a><!-- close button for side bar, when clicked call the js function closeNav() -->

<!-- link which contains the username and when clicked calls the reset function -->

<h1><a href = "http://127.0.0.1/profile.php" class = "title" onclick = "reset()"><?php echo $\_COOKIE['user']; ?></a></h1><!--Echoes the current user-->

<!-- the user image -->

<br><img src = "../profile\_i/avatar.png" alt = "user profile picture"><br>

<!-- link to the users profile page, also calls the reset function -->

<a href = "http://127.0.0.1/profile.php" onclick = "reset()">Your Profile</a>

<!-- link to the settings page -->

<a href = "http://127.0.0.1/settings/settingspreferences.php">Settings</a>

<!-- link to logout of the website, calls the logout function -->

<a href = "http://127.0.0.1/" class = "logout" onclick = "logout()">Log Out</a>

</div>

<!--Navigation bar-->

<div class = "navbar">

<nav>

<!--Navbar links-->

<!-- home page, which is current page, indicated by the active class; notifications page -->

<a href = "http://127.0.0.1/home.php">Home</a

><a href = "">Notifications</a

><form action = "../searchpage.php" method = "POST"><!--search bar, action is to post to searchpage.php, method is post-->

<input type = "text" name = "search" placeholder="Search WorldTree">

</form>

</nav>

</div>

<!--User profile button on top right of the website, when clicked calls the openNav js function-->

<div class = "uprofile">

<img src = "../profile\_i/avatar.png" alt = "user profile picture" onclick="openNav()">

</div>

</div>

<!--Feed-->

<div class = "posts">

<form action = "settingsaccountsubmit.php" method = "POST">

<br><br><strong>Change Your Password</strong><br><br>

&nbsp&nbsp&nbsp&nbsp<input type = "password" name = "pword" placeholder = "Password">

<br>&nbsp&nbsp&nbsp&nbsp<input type = "password" name = "repword" placeholder = "Re-enter Password"><br>

<br>

<input type = "submit" value = "Submit Changes">

</form>

<br><br>

<?php

echo $error;//echo the error msg

?>

</div>

<!--utility buttons-->

<div class = "util">

<br><br><br><br><br>

<a href = "settingspreferences.php">Preferences</a><!-- link to preferences page in settings -->

<a href = "" class = "active">Account</a><!-- current page, hence the active class -->

<a href = "settingsdelete.php">Delete Account</a><!-- link to delete page in settings -->

</div>

</div>

<!--JavaScript-->

<script src = "../script.js"></script>

</body>

</html>

settingsdelete.php

<?php

?>

<!DOCTYPE html>

<head>

<title>Settings</title>

<link rel = "icon" href = "../profile\_i/WorldTree.png"><!-- page title -->

<link rel="stylesheet" type="text/css" href="../website.css"><!-- getting the css stylesheet -->

</head>

<body>

<!--Creating general grid container-->

<div class = "grid-container" id = "gen">

<div class = "header">

<!--Side Navigation bar for User Profile-->

<div id="mySidenav" class="sidenav">

<a href="javascript:void(0)" class="closebtn" onclick="closeNav()">&times;</a><!-- close button for side bar, when clicked call the js function closeNav() -->

<!-- link which contains the username and when clicked calls the reset function -->

<h1><a href = "http://127.0.0.1/profile.php" class = "title"><?php echo $\_COOKIE['user']; ?></a></h1><!--Echoes the current user-->

<!-- the user image -->

<br><img src = "../profile\_i/avatar.png" alt = "user profile picture"><br>

<!-- link to the users profile page, also calls the reset function -->

<a href = "http://127.0.0.1/profile.php">Your Profile</a>

<!-- link to the settings page -->

<a href = "http://127.0.0.1/settings/settingspreferences.php">Settings</a>

<!-- link to logout of the website, calls the logout function -->

<a href = "http://127.0.0.1/" class = "logout" onclick = "logout()">Log Out</a>

</div>

<!--Navigation bar-->

<div class = "navbar">

<nav>

<!--Navbar links-->

<!-- home page, which is current page, indicated by the active class; notifications page -->

<a href = "http://127.0.0.1/home.php">Home</a

><a href = "http://127.0.0.1/notifications.php">Notifications</a

><form action = "../searchpage.php" method = "POST"><!--search bar, action is to post to searchpage.php, method is post-->

<input type = "text" name = "search" placeholder="Search WorldTree">

</form>

</nav>

</div>

<!--User profile button on top right of the website, when clicked calls the openNav js function-->

<div class = "uprofile">

<img src = "../profile\_i/avatar.png" alt = "user profile picture" onclick="openNav()">

</div>

</div>

<!--Feed-->

<div class = "posts">

<form action = "settingsdeletesubmit.php" method = "POST">

<br><br><strong>Delete Your Account</strong><br><br>

&nbsp&nbsp&nbsp&nbsp<input type = "checkbox" name = "deletea" value = "confirm">Confirm<br>

&nbsp&nbsp&nbsp&nbsp<input type = "checkbox" name = "deleteb" value = "confirm">Re-Confirm<br>

<br><br>

<input type = "submit" value = "Delete Account">

</form>

</div>

<!--utility buttons-->

<div class = "util">

<br><br><br><br><br>

<a href = "settingspreferences.php">Preferences</a><!-- link to preferences page in settings -->

<a href = "settingsaccount.php" >Account</a><!-- link to account page in settings -->

<a href = "" class = "active">Delete Account</a><!-- current page, hence the active class -->

</div>

</div>

<!--JavaScript-->

<script src = "../script.js"></script>

</body>

</html>

settingsdeletesubmit.php

<?php

//set the error var to blank

$error = "";

if (isset($\_POST['deletea']) and isset($\_POST['deleteb'])){// if both deletea and deleteb have been sent by post then

//set the user var to the contents of the user cookie

$user = $\_COOKIE['user'];

//Create a database connection

$connection = mysqli\_connect ("127.0.0.1","root");

//Selecting the database

mysqli\_select\_db ($connection, "website") or die ("Connection with database failed!");

//delete from postst records where the username field is equal to that of the user variable

mysqli\_query($connection,"DELETE FROM postsT WHERE username = '$user';")

or die ("Invalid query: ".mysqli\_error($connection));//echo an error has occured and why it has occured

//delete from users where the username field is equal to that of the user variable

mysqli\_query($connection,"DELETE FROM users WHERE username = '$user';")

or die ("Invalid query: ".mysqli\_error($connection));//echo an error has occured and why it has occured

//closing connection

mysqli\_close($connection);

//change the page to the login page

header("Location: http://127.0.0.1/");

// unset cookies. from php manual http://www.php.net/manual/en/function.setcookie.php#73484

if (isset($\_SERVER['HTTP\_COOKIE'])) {

$cookies = explode(';', $\_SERVER['HTTP\_COOKIE']);

foreach($cookies as $cookie) {

$parts = explode('=', $cookie);

$name = trim($parts[0]);

setcookie($name, '', time()-1000);

setcookie($name, '', time()-1000, '/');

}

}

}

else{//else set the error var so that both checboxes should be checked for the account to be delted

$error = "<br><br>Please check both boxes to delete your account";

}

?>

<!DOCTYPE html>

<head>

<title>Settings</title>

<link rel = "icon" href = "../profile\_i/WorldTree.png"><!-- page title -->

<link rel="stylesheet" type="text/css" href="../website.css"><!-- getting the css stylesheet -->

</head>

<body>

<!--Creating general grid container-->

<div class = "grid-container" id = "gen">

<div class = "header">

<!--Side Navigation bar for User Profile-->

<div id="mySidenav" class="sidenav">

<a href="javascript:void(0)" class="closebtn" onclick="closeNav()">&times;</a><!-- close button for side bar, when clicked call the js function closeNav() -->

<!-- link which contains the username and when clicked calls the reset function -->

<h1><a href = "http://127.0.0.1/profile.php" class = "title"><?php echo $\_COOKIE['user']; ?></a></h1><!--Echoes the current user-->

<!-- the user image -->

<br><img src = "../profile\_i/avatar.png" alt = "user profile picture"><br>

<!-- link to the users profile page, also calls the reset function -->

<a href = "http://127.0.0.1/profile.php">Your Profile</a>

<!-- link to the settings page -->

<a href = "http://127.0.0.1/settings/settingspreferences.php">Settings</a>

<!-- link to logout of the website, calls the logout function -->

<a href = "http://127.0.0.1/" class = "logout" onclick = "logout()">Log Out</a>

</div>

<!--Navigation bar-->

<div class = "navbar">

<nav>

<!--Navbar links-->

<!-- home page, which is current page, indicated by the active class; notifications page -->

<a href = "http://127.0.0.1/home.php">Home</a

><a href = "http://127.0.0.1/notifications.php">Notifications</a

><form action = "../searchpage.php" method = "POST"><!--search bar, action is to post to searchpage.php, method is post-->

<input type = "text" name = "search" placeholder="Search WorldTree">

</form>

</nav>

</div>

<!--User profile button on top right of the website, when clicked calls the openNav js function-->

<div class = "uprofile">

<img src = "../profile\_i/avatar.png" alt = "user profile picture" onclick="openNav()">

</div>

</div>

<!--Feed-->

<div class = "posts">

<form action = "settingsdeletesubmit.php" method = "POST"><!--action is to post to settingsdeletesubmit.php where the method is by post-->

<br><br><strong>Delete Your Account</strong><br><br>

&nbsp&nbsp&nbsp&nbsp<input type = "checkbox" name = "deletea">Confirm<br><!--checkbox to confirm deletion of your account-->

&nbsp&nbsp&nbsp&nbsp<input type = "checkbox" name = "deleteb">Re-Confirm<br><!--checkbox to reconfirm whether or not you want to delete your account-->

<br><br>

<input type = "submit" value = "Delete Account"><!--submit button to delete your account-->

<?php

echo $error;//echo the error var

?>

</form>

</div>

<!--utility buttons-->

<div class = "util">

<br><br><br><br><br>

<a href = "settingspreferences.php">Preferences</a><!-- link to preferences page in settings -->

<a href = "settingsaccount.php" >Account</a><!-- link to account page in settings -->

<a href = "" class = "active">Delete Account</a><!-- current page, hence the active class -->

</div>

</div>

<!--JavaScript-->

<script src = "../script.js"></script>

</body>

</html>

settingspreferences.php

<?php

//if the bio variable has been posted then

if (isset($\_POST['bio'])){

if (strlen($\_POST['bio']) <= 50000){

$bio = sanitize($\_POST['bio']);//call the sanitize variable on the posted bio and then set the variable bio to it

$user = $\_COOKIE['user'];//set the variable user to the contents of the user cookie

//Create a database connection

$connection = mysqli\_connect ("127.0.0.1","root");

//Selecting the database

mysqli\_select\_db ($connection, "website") or die ("Connection with database failed!");

//Updating password for the user account

$query = mysqli\_query($connection, "UPDATE users SET bio = '$bio' WHERE username = '$user';")

//update users table and set the bio field to the bio variable where the username is the username variable

or die ("Invalid query: ".mysqli\_error($connection));//echo an error has occured and why it has occured

$error = "Bio updated";//set the error variable to say that the bio has been updated

mysqli\_close($connection);//close the connection to the server

}

else{

$error = "That bio is too long";

}

}

//create sanitize function where the variable text is passed through it

function sanitize($text){

$text = htmlentities($text, ENT\_QUOTES);//replace all html entities, double and single quotes with friendly characters

$text = addslashes($text);//add slashes to predefined chars

return $text;//return the text var

}

?>

<!DOCTYPE html>

<head>

<title>Settings</title>

<link rel = "icon" href = "../profile\_i/WorldTree.png"><!-- page title -->

<link rel="stylesheet" type="text/css" href="../website.css"><!-- getting the css stylesheet -->

</head>

<body>

<!--Creating general grid container-->

<div class = "grid-container" id = "gen">

<div class = "header">

<!--Side Navigation bar for User Profile-->

<div id="mySidenav" class="sidenav">

<a href="javascript:void(0)" class="closebtn" onclick="closeNav()">&times;</a><!-- close button for side bar, when clicked call the js function closeNav() -->

<!-- link which contains the username and when clicked calls the reset function -->

<h1><a href = "http://127.0.0.1/profile.php" class = "title" onclick = "reset()"><?php echo $\_COOKIE['user']; ?></a></h1><!--Echoes the current user-->

<!-- the user image -->

<br><img src = "../profile\_i/avatar.png" alt = "user profile picture"><br>

<!-- link to the users profile page, also calls the reset function -->

<a href = "http://127.0.0.1/profile.php" onclick = "reset()">Your Profile</a>

<!-- link to the settings page -->

<a href = "http://127.0.0.1/settings/settingspreferences.php">Settings</a>

<!-- link to logout of the website, calls the logout function -->

<a href = "http://127.0.0.1/" class = "logout" onclick = "logout()">Log Out</a>

</div>

<!--Navigation bar-->

<div class = "navbar">

<nav>

<!--Navbar links-->

<!-- home page, which is current page, indicated by the active class; notifications page -->

<a href = "http://127.0.0.1/home.php">Home</a

><a href = "http://127.0.0.1/notifications.php">Notifications</a

><form action = "../searchpage.php" method = "POST"><!--search bar, action is to post to searchpage.php, method is post-->

<input type = "text" name = "search" placeholder="Search WorldTree">

</form>

</nav>

</div>

<!--User profile button on top right of the website, when clicked calls the openNav js function-->

<div class = "uprofile">

<img src = "../profile\_i/avatar.png" alt = "user profile picture" onclick="openNav()">

</div>

</div>

<!--Feed-->

<div class = "posts">

<form action = "settingspreferences.php" method = "POST">

<br><br><strong>About You</strong><br><br>

&nbsp&nbsp&nbsp&nbsp<textarea name = "bio" rows="10" cols="60">

<?php

if (isset($\_POST['bio'])){

echo $\_POST['bio'];//if the bio var is sent by post then echo it here

}

?>

</textarea>

<br> <input type = "submit" value = "Submit Changes">

</form>

<?php

if (isset($\_POST['bio'])){

echo $error;//if the bio var has been sent then echo the error var here

}

?>

</div>

<!--utility buttons-->

<div class = "util">

<br><br><br><br><br>

<a href = "" class = "active">Preferences</a><!-- current page, hence the active class -->

<a href = "settingsaccount.php">Account</a><!-- link to account page in settings -->

<a href = "settingsdelete.php">Delete Account</a><!-- link to delete page in settings -->

</div>

</div>

<!--JavaScript-->

<script src = "../script.js"></script>

</body>

</html>

about.php

<?php

//get the cookie probepages's contents and set it to the variable user

$user = $\_COOKIE['probepage'];

//Create a database connection

$connection = mysqli\_connect ("127.0.0.1","root");

//Selecting the database

mysqli\_select\_db ($connection, "website") or die ("Connection with database failed!");

//execute a query where it selects bio from users where the username is that of the contents of probepage

$output = mysqli\_query($connection, "SELECT bio FROM users WHERE username LIKE '$user';")

or die ("Invalid query: ".mysqli\_error($connection));//echo an error has occured and why it has occured

//echo the bio, need a while loop as you can't echo an array normally

while ($row = mysqli\_fetch\_assoc($output)){

echo $row['bio'];

}

//free the memory associated with computedString

mysqli\_free\_result($output);

//close the connection

mysqli\_close($connection);

?>

feed.php

<?php

//note, i'm not using \* as fetch\_assoc() does not like it

//receiving cookies contents

$package = $\_POST['package'];

$user = $\_COOKIE['user'];

$probepage = $\_COOKIE['probepage'];

//opening package

$package = explode(",",$package);//split package on each comma

$pageno = $package[0];//setting the 0th element to $pageno

$sortmethod = $package[1];//set the 1st element to $sortmethod

$page = $package[2];//set the 2nd element to $page

//connecting to server and testing connection, if connection to the database fails echo an error

$connection = mysqli\_connect ("127.0.0.1","root");

mysqli\_select\_db ($connection, "website") or die ("Connection with database failed!")

or die ("Invalid query: ".mysqli\_error($connection));//echo an error has occured and why it has occured

//beginning of sql query for feed function

$computedString = mysqli\_query($connection, "SET @rownum = $pageno;")//in mysql set pageno to a user session variable named rownum

or die ("Invalid query: ".mysqli\_error($connection));//echo an error has occured and why it has occured

if ($page == "home"){//if user is on the home page

if ($sortmethod == "New"){//if the sortmethod is new

$computedString = mysqli\_query($connection, "SELECT (@rownum := @rownum + 1) AS rownum, title, dateCreated, votes, content, username FROM postsT ORDER BY dateCreated DESC LIMIT $pageno,50;")

//select rownum as an incrementing variable, along with title, dateCreated, votes, content, username from postsT and order it by newest posts, only outputting the first 50 newest

or die ("Invalid query: ".mysqli\_error($connection));//echo an error has occured and why it has occured

}

//else if sortmethod is old

else if ($sortmethod == "Old"){

$computedString = mysqli\_query($connection, "SELECT (@rownum := @rownum + 1) AS rownum, title, dateCreated, votes, content, username FROM postsT ORDER BY dateCreated ASC LIMIT $pageno,50;")

//select rownum as an incrementing variable, along with title, dateCreated, votes, content, username from postsT and order it by oldest posts, only outputting the first 50 newest

or die ("Invalid query: ".mysqli\_error($connection));//echo an error has occured and why it has occured

}

}

else if ($page == "profile"){//else if user is on the profile page

if ($sortmethod == "New"){//if the sortmethod is new

$computedString = mysqli\_query($connection, "SELECT (@rownum := @rownum + 1) AS rownum, title, dateCreated, votes, content, username FROM postsT WHERE username = '$probepage' ORDER BY dateCreated DESC LIMIT $pageno,50;")

//select rownum as an incrementing variable, along with title, dateCreated, votes, content, username from postsT and order it by newest posts, only outputting the first 50 newest and only outputting the posts from the user that has been searched

or die ("Invalid query: ".mysqli\_error($connection));//echo an error has occured and why it has occured

}

else if ($sortmethod == "Old"){//else if sortmethod is old

$computedString = mysqli\_query($connection, "SELECT (@rownum := @rownum + 1) AS rownum, title, dateCreated, votes, content, username FROM postsT WHERE username = '$probepage' ORDER BY dateCreated ASC LIMIT $pageno,50;")

//select rownum as an incrementing variable, along with title, dateCreated, votes, content, username from postsT and order it by oldest posts, only outputting the first 50 newest and only outputting the posts from the user that has been searched

or die ("Invalid query: ".mysqli\_error($connection));//echo an error has occured and why it has occured

}

}

//while loop to echo each record

while ($row = mysqli\_fetch\_assoc($computedString)){

$title = str\_replace(" ","\_955f\_",$row['title']);//replace the current records title fields spaces with \_955f\_

$title = html\_entity\_decode($title, ENT\_QUOTES);//decode all html entities in the title

$content = str\_replace(" ","\_955f\_",$row['content']);//replace the current records content fields spaces with \_955f\_

$content = html\_entity\_decode($content, ENT\_QUOTES);//decode all html entities in the content

$dateCreated = str\_replace(" ","\_955f\_",$row['dateCreated']);//replace the current records dateCreated fields spaces with \_955f\_

//echo each field

echo $row['rownum'] . " " . $dateCreated . " " . $row['votes'] . " " . $title . " " . $content . " " . $row['username'] . "<br>";

}

//free the memory associated with computedString

mysqli\_free\_result($computedString);

//close the connection

mysqli\_close($connection);

?>

home.php

<?php

?>

<!DOCTYPE html>

<head>

<title>Home</title>

<link rel = "icon" href = "./profile\_i/WorldTree.png"><!-- page title -->

<link rel="stylesheet" type="text/css" href="website.css"><!-- getting the css stylesheet -->

</head>

<body onload = "feed()"><!-- when body loads call the feed js function -->

<!--Creating general grid container-->

<div class = "grid-container" id = "gen">

<div class = "header">

<!--Side Navigation bar for User Profile-->

<div id="mySidenav" class="sidenav">

<a href="javascript:void(0)" class="closebtn" onclick="closeNav()">&times;</a><!-- close button for side bar, when clicked call the js function closeNav() -->

<!-- link which contains the username and when clicked calls the reset function -->

<h1><a href = "http://127.0.0.1/profile.php" class = "title" onclick = "reset()"><?php echo $\_COOKIE['user']; ?></a></h1><!--Echoes the current user-->

<!-- the user image -->

<br><img src = "./profile\_i/avatar.png" alt = "user profile picture"><br>

<!-- link to the users profile page, also calls the reset function -->

<a href = "http://127.0.0.1/profile.php" onclick = "reset()">Your Profile</a>

<!-- link to the settings page -->

<a href = "./settings/settingspreferences.php">Settings</a>

<!-- link to logout of the website, calls the logout function -->

<a href = "http://127.0.0.1/" class = "logout" onclick = "logout()">Log Out</a>

</div>

<!--Navigation bar-->

<div class = "navbar">

<nav>

<!--Navbar links-->

<!-- home page, which is current page, indicated by the active class; notifications page -->

<a href = "http://127.0.0.1/home.php" class = "active" onclick = "reset()">Home</a

><a href = "http://127.0.0.1/notifications.php">Notifications</a

><form action = "searchpage.php" method = "POST"><!--search bar, action is to post to searchpage.php, method is post-->

<input type = "text" name = "search" placeholder="Search WorldTree">

</form>

</nav>

</div>

<!--User profile button on top right of the website, when clicked calls the openNav js function-->

<div class = "uprofile">

<img src = "./profile\_i/avatar.png" alt = "user profile picture" onclick="openNav()">

</div>

</div>

<!--Feed-->

<div class = "posts" id = "posts">

</div>

<!--utility buttons-->

<div class = "util">

<br><br><br><br><br><!--link to make a post page-->

<a href="./createpost/createpost.php">Make a Post</a>

<div class = "dropdown"><!--sort buttons-->

<button onclick = "dropdown()" class = "dropbtn">Sort</button><!-- dropdown button which when clicked calls the dropdown function creating a dropdown menu -->

<div id = "dropcontent" class = "dropdown-content">

<button onclick = "sortnew()" class = "sort">New</button><br><!-- sort by new button, calls the sortnew function -->

<button onclick = "sortold()" class = "sort">Old</button><!-- sort by old, sorts the feed by oldest first -->

</div>

</div>

</div>

</div>

<!--JavaScript-->

<script src = "script.js"></script>

</body>

</html>

login.php

<?php

//if both username and password are blank then ask them to enter one

if(empty($\_POST["uname"]) or empty($\_POST["pword"])){

$error = 'Please enter a username and password';

}

//some validation to ensure it only contains alphanumeric characters

elseif (ctype\_alnum($\_POST["uname"]) == FALSE and !empty($\_POST["uname"])){

$error = 'Your username may only contain alphanumeric characters';

}

else{

//receiving inputted username and password from post

$user = $\_POST["uname"];

$pword = $\_POST["pword"];

//getting rid of special characters in password like <p> -> &quot;</p> along with charcters like " become &quot;

$pword = htmlentities($pword, ENT\_QUOTES);

$pword = addslashes($pword);

//Create a database connection

$connection = mysqli\_connect ("127.0.0.1","root");

//Selecting the database

mysqli\_select\_db ($connection, "website") or die ("Connection with database failed!");

//Checking if login credentials are correct

$cred = mysqli\_query($connection, "SELECT COUNT(\*) FROM users WHERE username = '$user' AND pword = '$pword';" )

//select the number of users who have x username and y password

or die ("Invalid query: ".mysqli\_error($connection));//echo an error has occured and why it has occured

$cred = mysqli\_fetch\_assoc($cred);//turn the fetched results into an array

if ($cred["COUNT(\*)"] == 1){//if 1 result is returned, that would mean that the user has got the correct credentials as they match someone, then if statement executed

setcookie("user", $user, time() + 86400, "/", "127.0.0.1");//set cookies for website to function

setcookie("pageno", 0, time() + 86400, "/", "127.0.0.1");

setcookie("sortmethod", "New", time() + 86400, "/", "127.0.0.1");

setcookie("probepage", $user, time() + 86400, "/", "127.0.0.1");

header("Location: http://127.0.0.1/home.php");//send user to the home page

}

else{//if there were no results returned that would mean they would have the wrong credentials and such an error statement would be returned

$error = 'Please enter a username and password';

}

//free the memory associated with computedString

mysqli\_free\_result($cred);

//Closing the connection

mysqli\_close($connection);

}

?>

<!DOCTYPE html>

<html>

<head>

<title>Login</title>

<link rel = "icon" href = "./profile\_i/WorldTree.png">

<link rel="stylesheet" type="text/css" href="website.css">

</head>

<body onload = "openNav()">

<!-- Javascript -->

<script src = "script.js">

</script>

<!-- Login Form -->

<div id="mySidenav" class="sidenav">

<h1>Login to WorldTree</h1>

<br><img src = "./profile\_i/WorldTree.png" alt = "World Tree Logo" height="25%"><br><br><!-- Website Logo -->

<form action = "login.php" method = "POST" name = "login">

<input type = "text" name = "uname" placeholder = "Username" value = "<?php echo $\_POST["uname"]; ?>"><!-- Echoes the sent username from what the user entered -->

<input type = "password" name = "pword" placeholder = "Password">

</form>

<div class = "lrbuttons"><!-- Buttons to login or sign up-->

<button onclick = "document.login.submit();">Login</button>

<button onclick = "register()">Sign Up</button>

</div>

<?php echo '<br>'.$error;?><!-- Echoes the error msg, if there is no error msg then it echoes nothing-->

</div>

</body>

</html>

notifications.php

<?php

?>

<!DOCTYPE html>

<head>

<title>Notifications</title>

<link rel = "icon" href = "./profile\_i/WorldTree.png"><!-- page title -->

<link rel="stylesheet" type="text/css" href="website.css"><!-- getting the css stylesheet -->

</head>

<body>

<!--Creating general grid container-->

<div class = "grid-container" id = "gen">

<div class = "header">

<!--Side Navigation bar for User Profile-->

<div id="mySidenav" class="sidenav">

<a href="javascript:void(0)" class="closebtn" onclick="closeNav()">&times;</a><!-- close button for side bar, when clicked call the js function closeNav() -->

<!-- link which contains the username and when clicked calls the reset function -->

<h1><a href = "http://127.0.0.1/profile.php" class = "title" onclick = "reset()"><?php echo $\_COOKIE['user']; ?></a></h1><!--Echoes the current user-->

<!-- the user image -->

<br><img src = "./profile\_i/avatar.png" alt = "user profile picture"><br>

<!-- link to the users profile page, also calls the reset function -->

<a href = "http://127.0.0.1/profile.php" onclick = "reset()">Your Profile</a>

<!-- link to the settings page -->

<a href = "./settings/settingspreferences.php">Settings</a>

<!-- link to logout of the website, calls the logout function -->

<a href = "http://127.0.0.1/" class = "logout" onclick = "logout()">Log Out</a>

</div>

<!--Navigation bar-->

<div class = "navbar">

<nav>

<!--Navbar links-->

<!-- home page, which is current page, indicated by the active class ; notifications page -->

<a href = "http://127.0.0.1/home.php" >Home</a

><a href = "" class = "active">Notifications</a

><form action = "searchpage.php" method = "POST"><!--search bar-->

<input type = "text" name = "search" placeholder="Search WorldTree">

</form>

</nav>

</div>

<!--User profile button on top right of the website, when clicked calls the openNav js function-->

<div class = "uprofile">

<img src = "./profile\_i/avatar.png" alt = "user profile picture" onclick="openNav()">

</div>

</div>

<!--Feed-->

<div class = "posts" id = "posts"><!-- create posts dive -->

<div id ="post" class = "post"><!-- put a post inside the post div -->

<!-- creating the divs for the post div -->

<div class="vote"> </div>

<!-- setting the title of the post to be welcome to world tree -->

<div class = "title">Welcome to WorldTree</div>

<!-- contents of the post -->

<div class = "content">

Welcome to WorldTree! Here are some tips for navigating the site.

Pressing the home button on your navbar will send you to a mega feed containing the posts of everybody on this site!

If you click your user image on the top right of the screen it will open a navbar that you can use to go to your home page or to edit your settings.

<br><br>

We hope you enjoy your stay.

</div>

<!-- creator of the post in the subbar -->

<div class = "subbar">Created by WorldTree</div>

</div>

</div>

<!--utility buttons-->

<div class = "util">

<br><br><br><br><br><br><br><br><br>

</div>

</div>

<!--JavaScript-->

<script src = "script.js"></script>

</body>

</html>

profile.php

<?php

?>

<!DOCTYPE html>

<head>

<title><?php echo $\_COOKIE['probepage'] . "'s page";?></title>

<link rel = "icon" href = "./profile\_i/WorldTree.png"><!-- set the title of the page to be the name of the searched users page -->

<link rel="stylesheet" type="text/css" href="website.css"><!-- getting the css stylesheet -->

</head>

<body onload = "profile(); feed();"><!-- when body loads call profile function and the feed function -->

<!--Creating general grid container-->

<div class = "grid-container" id = "grid-container">

<div class = "header">

<!--Side Navigation bar for User Profile-->

<div id="mySidenav" class="sidenav">

<a href="javascript:void(0)" class="closebtn" onclick="closeNav()">&times;</a><!-- close button for side bar, when clicked call the js function closeNav() -->

<!-- link which contains the username and when clicked calls the reset function -->

<h1><a href = "" class = "title" onclick = "reset()"><?php echo $\_COOKIE['user']; ?></a></h1><!--Echoes the current user-->

<!-- the user image -->

<br><img src = "./profile\_i/avatar.png" alt = "user profile picture"><br>

<!-- link to the users profile page, also calls the reset function -->

<a href = "http://127.0.0.1/profile.php" onclick = "reset()">Your Profile</a>

<!-- link to the settings page -->

<a href = "./settings/settingspreferences.php">Settings</a>

<!-- link to logout of the website, calls the logout function -->

<a href = "http://127.0.0.1/" class = "logout" onclick = "logout()">Log Out</a>

</div>

<!--Navigation bar-->

<div class = "navbar">

<nav>

<!--Navbar links-->

<!-- home page, notifications page -->

<a href = "http://127.0.0.1/home.php">Home</a

><a href = "http://127.0.0.1/notifications.php">Notifications</a

><form action = "searchpage.php" method = "POST"><!--search bar, action is to post to searchpage.php, method is post-->

<input type = "text" name = "search" placeholder="Search WorldTree">

</form>

</nav>

</div>

<!--User profile button on top right of the website, when clicked calls the openNav js function-->

<div class = "uprofile">

<img src = "./profile\_i/avatar.png" alt = "user profile picture" onclick="openNav()">

</div>

</div>

<div class = "profile">

<!-- banner of the user -->

<img src = "./banners/banner.png" alt = "banner">

<!-- user image -->

<img src = "./profile\_i/avatar.png" class = "uimage" alt = "user image">

<!-- user nav bar -->

<div class = "userinfo">

<div>

<button onclick = "feed();" class = "pnav">Posts</button><!-- posts button which when clicked calls the feed function -->

</div>

<div>

<button onclick = "follows();" class = "pnav">Follows</button><!-- follows function called when follows button clicked -->

</div>

<div></div><!-- div for spacing -->

<div>

<button class = "pnav" onclick = "followers();">Followers</button><!-- followers function claled when followers button clicked -->

</div>

<div>

<button onclick = "about();" class = "pnav">About</button><!-- about function called when about button clicked -->

</div>

<div></div>

<div></div>

<div class = "uname">

<?php echo $\_COOKIE['probepage']; ?><!-- username of the current users page, not to be confused with the logged in users page, unless the logged in

user clicked a link to their own page -->

</div>

</div>

</div>

<!--Feed-->

<div class = "posts" id = "posts">

</div>

<!--utility buttons-->

<div class = "util">

<br><br><br><br><br>

<a href="./createpost/createpost.php">Make a Post</a><!--link to make a post page-->

<div class = "dropdown"><!--sort buttons-->

<button onclick = "dropdown()" class = "dropbtn">Sort</button><!-- dropdown button which when clicked calls the dropdown function creating a dropdown menu -->

<div id = "dropcontent" class = "dropdown-content">

<button onclick = "sortnew()" class = "sort">New</button><br><!-- sort by new button, calls the sortnew function -->

<button onclick = "sortold()" class = "sort">Old</button><!-- sort by old, sorts the feed by oldest first -->

</div>

</div>

</div>

</div>

<!--JavaScript-->

<script src = "script.js"></script>

</body>

</html>

register.php

<?php

//if both username and password are blank and the username string is not equal to the string 0 then ask them to enter one

if(empty($\_POST["uname"]) or empty($\_POST["pword"]) and (string)$\_POST["uname"] != "0"){

$error = 'Please enter a username and password';

}

//some validation to ensure it only contains alphanumeric characters

elseif (ctype\_alnum($\_POST["uname"]) == FALSE and !empty($\_POST["uname"])){

$error = 'Your username may only contain alphanumeric characters';

}

//validation for if username is too long

elseif (strlen($\_POST["uname"]) > 25){

$error = 'Your username is too long';

}

//validation for if passwords do not match

elseif($\_POST["pword"] != $\_POST["repword"]) {

$error = 'Your passwords do not match';

}

//if the password is too short send an error msg and if its not empty

elseif(strlen($\_POST["pword"]) <=6 and !empty($\_POST["pword"])){

$error = 'Your password is not long enough';

}

//if the password is too long and password is not empty send error msg

elseif(strlen($\_POST["pword"]) >50){

$error = 'Your password is too long';

}

//if the username is not empty and the password is not empty and the password is the same as the reentered password

elseif(!empty($\_POST["uname"]) and !empty($\_POST["pword"]) and $\_POST["pword"] == $\_POST["repword"]) {

$user = $\_POST["uname"];//set the posted username and password to username and password

$pword = $\_POST["pword"];

$bio = "Hello! My name is " . $user . ". I joined WorldTree on " . date("d/m/Y") . "!";//setting the bio to a string containing the current users username and the date the account was created

//getting rid of special characters in password like <p> -> &quot;</p> along with charcters like " become &quot;

$pword = htmlentities($pword, ENT\_QUOTES);

$pword = addslashes($pword);

//Create a database connection

$connection = mysqli\_connect ("127.0.0.1","root");

//Selecting the database

mysqli\_select\_db ($connection, "website") or die ("Connection with database failed!");

//Inserting new data into the database after checking the account doesn't exist

$exists = mysqli\_query($connection, "SELECT COUNT(\*) FROM users WHERE username = '$user';")

or die ("Invalid query: ".mysqli\_error($connection));//echo an error has occured and why it has occured

$exists = mysqli\_fetch\_assoc($exists);

//if the number of users with the username is 0 then insert into the users table for the fields username, pword and bio the variables user, pword and bio

if ($exists["COUNT(\*)"] == 0){

$account = mysqli\_query($connection, "INSERT INTO users(username,pword,bio) VALUES('$user','$pword','$bio');")

or die ("Invalid query: ".mysqli\_error($connection));//echo an error has occured and why it has occured

header("Location: http://127.0.0.1/index.html");//change the current webpage to the login page

}

else{//else set the error variable to say that that username already exists

$error = 'That username already exists';

}

//Closing the connection and freeing memory used by the query

mysqli\_free\_result($exists);

mysqli\_close($connection);

}

?>

<!DOCTYPE html>

<head>

<title>Sign Up</title>

<link rel = "icon" href = "./profile\_i/WorldTree.png"><!-- Set the title to sign up and get the css stylesheet -->

<link rel="stylesheet" type="text/css" href="website.css">

</head>

<body onload = "openNav()"><!-- When the page loads call openNav js function -->

<!-- Registration Form -->

<script src = "script.js">

</script>

<div id="mySidenav" class="sidenav">

<h1> Sign up to WorldTree</h1>

<br><img src = "./profile\_i/avatar.png" alt = "user profile picture" height="25%"><br><br><!-- User image -->

<form action = "register.php" method = "POST"><!-- form sent through post --><!-- sign up form -->

<input type = "text" name = "uname" placeholder = "Username" value = "<?php echo $\_POST["uname"]; ?>" ><!-- echo the posted username as the value of the username text input -->

<input type = "password" name = "pword" placeholder = "Password"><!-- inputs for uesrname password and the re entered password -->

<input type = "password" name = "repword" placeholder = "Re-enter Password">

<div class = "lrbuttons">

<button type = "submit">Sign Up</button><!-- sign up button -->

</div>

</form>

<br>

<?php echo $error; ?><!-- echoes the error -->

</div>

</body>

</html>

searchpage.php

<?php

//getting posted input for search along with setting the error cookie to none and the error variable to blank

$search = $\_POST["search"];

setcookie("error", "none");

$error = "";

//if the entered search value is blank then set the error var to ask the user to enter a search value and set the error cookie to the current error

if (empty($search) and (string)$search != "0"){

$error = "Please enter a search value <br>";

setcookie("error", $error);

}

//if the entered input is not alphanumeric, only containing letters from the alphabet and numbers then set the error var to tell the user they can only enter alphanumeric values

//along with setting the cookie to the error

else if(ctype\_alnum($search) == FALSE){

$error = "You may only search alphanumeric values <br>";

setcookie("error", $error);

}

//else do the search

else{

//Create a database connection

$connection = mysqli\_connect ("127.0.0.1","root");

//Selecting the database

mysqli\_select\_db ($connection, "website") or die ("Connection with database failed!");

//in mysql set the user session variable named rownum to 0

$output = mysqli\_query($connection, "SET @rownum = 0;")

or die ("Invalid query: ".mysqli\_error($connection));//echo an error has occured and why it has occured

//select rownum, with it incrementing by one on each repitition, username and bio from the uesrs table where the username is contains in its first few characters

//the contents of the search variable

$output = mysqli\_query($connection, "SELECT (@rownum := @rownum + 1) AS rownum, username, bio FROM users WHERE username LIKE '$search%';")

or die ("Invalid query: ".mysqli\_error($connection));//echo an error has occured and why it has occured

}

?>

<!DOCTYPE html>

<head>

<title>Search</title>

<link rel = "icon" href = "./profile\_i/WorldTree.png"><!-- page title -->

<link rel="stylesheet" type="text/css" href="website.css"><!-- getting the css stylesheet -->

</head>

<body onload = "search()"><!-- when body loads call the search js function -->

<!--Creating general grid container-->

<div class = "grid-container" id = "gen">

<div class = "header">

<!--Side Navigation bar for User Profile-->

<div id="mySidenav" class="sidenav">

<a href="javascript:void(0)" class="closebtn" onclick="closeNav()">&times;</a><!-- close button for side bar, when clicked call the js function closeNav() -->

<!-- link which contains the username and when clicked calls the reset function -->

<h1><a href = "http://127.0.0.1/profile.php" class = "title" onclick = "reset()"><?php echo $\_COOKIE['user']; ?></a></h1><!--Echoes the current user-->

<!-- the user image -->

<br><img src = "./profile\_i/avatar.png" alt = "user profile picture"><br>

<!-- link to the users profile page, also calls the reset function -->

<a href = "http://127.0.0.1/profile.php" onclick = "reset()">Your Profile</a>

<!-- link to the settings page -->

<a href = "./settings/settingspreferences.php">Settings</a>

<!-- link to logout of the website, calls the logout function -->

<a href = "http://127.0.0.1/" class = "logout" onclick = "logout()">Log Out</a>

</div>

<!--Navigation bar-->

<div class = "navbar">

<nav>

<!--Navbar links-->

<!-- home page, notifications page -->

<a href = "http://127.0.0.1/home.php">Home</a

><a href = "">Notifications</a

><form action = "searchpage.php" method = "POST"><!--search bar, action is to post to searchpage.php, method is post-->

<input type = "text" name = "search" placeholder="Search WorldTree">

</form>

</nav>

</div>

<!--User profile button on top right of the website, when clicked calls the openNav js function-->

<div class = "uprofile">

<img src = "./profile\_i/avatar.png" alt = "user profile picture" onclick="openNav()">

</div>

</div>

<!--Feed-->

<div class = "posts" id = "posts">

<?php

if (isset($output)){//if the output var is set then

if (mysqli\_num\_rows($output)>0){//if the number of records in the output variable is greater than 0 then

while ($row = mysqli\_fetch\_assoc($output)){//for the number of elements in the array created from the output variable

$bio = $row['bio'];//bio is = to the bio field for the current row

$bio = str\_replace(" ","\_955f\_",$row['bio']);//replace each occurence of the space with the strings \_955f\_ in the current rows bio field

echo $row['rownum'] . " " . $row['username'] . " " . $bio . "<br>";//echo the current rownum, the current rows username along with the bio var

}

}

else{//else then

$error = 'No results were found for your input';//set the error var to say there were no results found for your input

setcookie("error", $error);//set the error cookie to the error var

}

mysqli\_free\_result($output);//free memory used by the query

mysqli\_close($connection);//close the connection to the server

}

echo $error;//echo the error var

?>

</div>

<!--utility buttons-->

<div class = "util">

</div>

</div>

<!--JavaScript-->

<script src = "script.js"></script>

</body>

</html>

HTML Files

index.html (login page)

<!DOCTYPE html>

<html>

<head>

<title>Login</title>

<link rel = "icon" href = "./profile\_i/WorldTree.png">

<link rel="stylesheet" type="text/css" href="website.css"><!-- title and getting the css stylesheet -->

</head>

<body onload = "openNav()">

<!-- Javascript -->

<script src = "script.js">

</script>

<!-- Login Form -->

<div id="mySidenav" class="sidenav">

<h1>Login to WorldTree</h1>

<br><img src = "./profile\_i/WorldTree.png" alt = "World Tree Logo" height="25%"><br><br><!-- Website Logo -->

<form action = "login.php" method = "POST" name = "login">

<input type = "text" name = "uname" placeholder = "Username"><!-- user inputs -->

<input type = "password" name = "pword" placeholder = "Password">

</form>

<div class = "lrbuttons">

<button onclick = "document.login.submit();">Login</button><!-- Buttons to login or sign up-->

<button onclick = "register()">Sign Up</button><!-- login submits the credentials and sends them to login.php whist register calls the register function -->

</div>

</div>

</body>

</html>

Register.html

<!DOCTYPE html>

<head>

<title>Sign Up</title>

<link rel = "icon" href = "./profile\_i/WorldTree.png">

<link rel="stylesheet" type="text/css" href="website.css">

</head>

<body onload = "openNav()">

<!-- Registration Form -->

<!-- js -->

<script src = "script.js">

</script>

<div id="mySidenav" class="sidenav">

<h1> Sign up to WorldTree</h1>

<br><img src = "./profile\_i/avatar.png" alt = "user profile picture" height="25%"><br><br>

<form action = "register.php" method = "POST"><!-- sign up form -->

<input type = "text" name = "uname" placeholder = "Username"><!-- inputs for uesrname password and the re entered password -->

<input type = "password" name = "pword" placeholder = "Password">

<input type = "password" name = "repword" placeholder = "Re-enter Password">

<div class = "lrbuttons">

<button type = "submit">Sign Up</button><!-- submit button -->

</div>

</form>

</div>

</body>

</html>

SQL Commands Used

--create website database

CREATE DATABASE IF NOT EXISTS website;

--creating tables

--users table

CREATE TABLE IF NOT EXISTS users(

username VARCHAR(25) NOT NULL PRIMARY KEY,

pword VARCHAR(255) NOT NULL,

bio VARCHAR(50000) NOT NULL

) ENGINE InnoDB;

--posts table

CREATE TABLE IF NOT EXISTS postsT(

dateCreated DATETIME NOT NULL PRIMARY KEY,

votes INT NOT NULL,

title VARCHAR(255) NOT NULL,

content varchar(60000),

username VARCHAR(25),

FOREIGN KEY (username) REFERENCES users(username)

) ENGINE = InnoDB;

--sql used in pages

--for pages containing rownum

SET @rownum = $pageno;

--in mysql set pageno to a user session variable named rownum

--about.php

SELECT bio FROM users WHERE username LIKE '$user';

--execute a query where it selects bio from users where the username is that of the contents of probepage

--feed.php

SELECT (@rownum := @rownum + 1) AS rownum, title, dateCreated, votes, content, username FROM postsT ORDER BY dateCreated DESC LIMIT $pageno,50;

--select rownum as an incrementing variable, along with title, dateCreated, votes, content, username from postsT and order it by newest posts, only outputting the first 50 newest

SELECT (@rownum := @rownum + 1) AS rownum, title, dateCreated, votes, content, username FROM postsT ORDER BY dateCreated ASC LIMIT $pageno,50;

--select rownum as an incrementing variable, along with title, dateCreated, votes, content, username from postsT and order it by oldest posts, only outputting the first 50 newest

SELECT (@rownum := @rownum + 1) AS rownum, title, dateCreated, votes, content, username FROM postsT WHERE username = '$probepage' ORDER BY dateCreated DESC LIMIT $pageno,50;

--select rownum as an incrementing variable, along with title, dateCreated, votes, content, username from postsT and order it by newest posts, only outputting the first 50 newest and only outputting the posts from the user that has been searched

SELECT (@rownum := @rownum + 1) AS rownum, title, dateCreated, votes, content, username FROM postsT WHERE username = '$probepage' ORDER BY dateCreated ASC LIMIT $pageno,50;

--select rownum as an incrementing variable, along with title, dateCreated, votes, content, username from postsT and order it by oldest posts, only outputting the first 50 newest and only outputting the posts from the user that has been searched

--login.php

SELECT COUNT(\*) FROM users WHERE username = '$user' AND pword = '$pword';

--select the number of users who have x username and y password

--register.php

SELECT COUNT(\*) FROM users WHERE username = '$user';

--count the number of users who have the username equal to the $user variable

INSERT INTO users(username,pword,bio) VALUES('$user','$pword','$bio');

--insert into the users table in the fields username, pword and bio the values variable user, variable pword and variable bio

--searchpage.php

SET @rownum = 0;

--in mysql set the user session variable named rownum to 0

SELECT (@rownum := @rownum + 1) AS rownum, username, bio FROM users WHERE username LIKE '$search%';

--select rownum, with it incrementing by one on each repitition, username and bio from the uesrs table where the username is contains in its first few characters

--the contents of the search variable

--postprocessing.php

INSERT INTO postsT (dateCreated,votes,title,content, username) VALUES(CURRENT\_TIMESTAMP, 0, '$title', '$content', '$user');

--inserting new posts into the database into their respective fields

--settingsaccount.php

UPDATE users SET pword = '$pword' WHERE username = '$user';

--update the users table by setting the password to the variable password where the user is the same as that of the user variable

--settingspreferences.php

UPDATE users SET bio = '$bio' WHERE username = '$user';

--update users table and set the bio field to the bio variable where the username is the username variable

--settingsdeletesubmit.php

DELETE FROM postsT WHERE username = '$user';

--delete from postst records where the username field is equal to that of the user variable

DELETE FROM users WHERE username = '$user';

--delete from users where the username field is equal to that of the user variable

CSS

/\* html \*/

html{

height:100%;/\* set the height to 100% \*/

width:100%;/\* set the width to 100% \*/

}

/\* body \*/

body{

margin: 0px;/\* set margin to 0px \*/

padding: 0px;/\* set padding to be 0px \*/

font-family: 'Segoe UI', Tahoma, Verdana, sans-serif;/\* set fonts to be used in site in order of importance from left to right \*/

min-height: 100%;/\* set the minimum height of the body to be 100% \*/

background-color: #EEEEEE;/\* set the background color of the page \*/

}

/\* navbar \*/

/\* navbar links \*/

nav a{

display: inline-block;/\* display it inlin \*/

color: white;/\* setting the color of the text \*/

text-align: center;/\* where the text should be aligned \*/

padding: 14px 16px;/\* the padding given to the link \*/

text-decoration: none;/\* setting the text decoration to none \*/

}

/\* when hovering over the nav bar \*/

nav a:hover:not(.active){

background-color: #3d00e0;/\* set the background color to be different \*/

}

/\* current page \*/

nav .active{

background-color: #ee0290;/\* set the background color to also be different \*/

}

/\* sidenav menu for user profile \*/

/\* uprofile button \*/

.uprofile img{

border-radius: 50%;/\* have the user image be a circle \*/

display: inline-block;/\* display it inline \*/

cursor: pointer;/\* make it so the cursor whilst on the image is that of a pointer \*/

margin-top: 7px;/\* give it a margin on the top of 7px \*/

margin-left: 20px;/\* give it a margin on the left of 20px \*/

width: 35px;/\* make it 35px wide \*/

}

/\* links in the sidenav \*/

.sidenav a {

padding: 8px 8px 8px 8px;/\* give it the following padding \*/

text-decoration: none;/\* make it so it has no text decoration \*/

font-size: 25px;/\* make it 25px big \*/

color: #f1f1f1;/\* set the color of the text \*/

display: block;/\* make it display as a block \*/

transition: 0.3s;/\* give it a 0.3s transition from closed to open \*/

}

.sidenav a:hover{/\* when you hover over the cross change the background color of the cross \*/

background-color: #e54304;

}

/\* Position and style the close button (top right corner) \*/

.sidenav .closebtn {

position: absolute;/\* make its position absolute \*/

top: 0;/\* have it be 0px from the top \*/

right: 25px;/\* have it be 25px from the right of the screen \*/

font-size: 36px;/\* make it 36px big \*/

margin-left: 50px;/\* give it a left margin of 50px \*/

}

/\* username link \*/

.sidenav .title {

font-size: 30px;/\* make the users name 30px big \*/

}

.sidenav .logout {

position: absolute;/\* have the logout button have an absolute position \*/

bottom: 75px;/\* have it be 75px from the bottom \*/

right: 25px;/\* have it be 25px from the right of the screen \*/

margin-left: 50px;/\* give it a margin of 50px \*/

font-size: 20px;/\* give it a font size of 20 \*/

}

/\* profile img \*/

.sidenav img{

border-radius: 50%;/\* make the user profile image a circle \*/

display: block;/\* make it display as a block \*/

margin-left: auto;/\* make its margin left and right auto, hence centering the image in the middle of the div \*/

margin-right: auto;

box-shadow: 2px 2px 6px 0 grey;/\* give it a shadow \*/

width: 243px;/\* make it 243 px wide \*/

}

/\* username input for login and registration page \*/

.sidenav input[type = text]{

display: block;/\* have it display as a block \*/

padding: 6px;/\* give it 6px of padding \*/

font-size: 17px;/\* make the text 17px big \*/

margin-left: auto;/\* have margin left and right be auto, hence centering the image \*/

margin-right: auto;

}

/\* password input for login and registration page \*/

.sidenav input[type = password]{

display: block;/\* have it display as a block \*/

padding: 6px;/\* give it 6px of padding \*/

font-size: 17px;/\* make the text 17px big \*/

margin-left: auto;/\* have margin left and right be auto, hence centering the image \*/

margin-right: auto;

}

/\* button for login and registration \*/

.sidenav button{

display: inline-block;/\* have the buttons display inline \*/

padding: 6px;/\* give the button some padding \*/

margin-top: 5px;/\* give it a margin on its top \*/

background: #ddd;/\* make the background of the button this color \*/

font-size: 17px;/\* make the font size of the button 17px big \*/

border: none;/\* get rid of the buttons border \*/

cursor: pointer;/\* make it so that when you hover over the button that a pointer appears \*/

box-shadow: 2px 2px 6px 0 grey; /\* give it a shadow \*/

padding-left: 31px;/\* give it a padding of 31px both left and right \*/

padding-right: 31px;

}

/\* for hovering over login and registration \*/

.sidenav button:hover{

background: #ccc;/\* change the background color of the button \*/

}

.sidenav h1{

margin-top: 10px;/\* give it a margin at the top of 10px \*/

}

/\* search \*/

/\* move the search bar to the right of the screem \*/

nav form{

float: right;

}

/\* styling the search bar \*/

nav input[type = text]{

display: inline-block;/\* have it be inline \*/

padding: 6px;/\* give it a padding of 6px \*/

margin-top: 8px;/\* give it a top margin of 8px \*/

font-size: 17px;/\* make its font size 17px big \*/

border: none;/\* get rid of its border \*/

background-position: 190px -1px;/\* have it placed at these coordinates \*/

background-image: url(search.png);/\* give it this background image \*/

background-repeat: no-repeat;/\* don't have the background image repeat \*/

box-shadow: 1px 1px 6px 0 grey; /\* give it a shadow \*/

}

/\* util \*/

/\* creating the dropdown meny \*/

.util .dropdown{

width: 100%;/\* make its width 100% \*/

}

/\* utility links \*/

.util a {

display: block;/\* have it displayed as a block \*/

color: white;/\* have its text color be white \*/

background-color: #6002ee;/\* set its background color \*/

text-align: center;/\* have it aligned center \*/

padding: 14px 16px;/\* give it some padding \*/

text-decoration: none;/\* get rid of its text decoration \*/

}

.util .active{/\* if the button is active then change its background color to that of the color below \*/

background-color: #ee0290;

}

/\* when hovering over links \*/

.util a:hover:not(.active){/\* if the link is being hovered over and the link doesn't have the active attribute then have its background color change to the below when hovered over \*/

background-color: #3d00e0;

}

/\* button for opening dropdown meny \*/

.util .dropbtn {

width: 100%;/\* make its width 100% \*/

background-color: #6002ee;/\* set its background color \*/

color: white;/\* set its text color \*/

border: none;/\* get rid of its border \*/

padding: 14px 16px;/\* give it some padding \*/

cursor: pointer;/\* when hovered over change the mouse cursor to that of a pointer \*/

font-size: 15px;/\* set the text color to 15px \*/

}

/\* when hovering over dropdown button set the background color to that of the below\*/

.util .dropbtn:hover{

background-color: #3d00e0;

}

/\* styling dropdown container \*/

.dropdown {

position: relative;/\* have the position of things with this class be relative and displayed inline \*/

display: inline-block;

}

/\* styling dropdown content \*/

.dropdown-content {

display: none;/\* make its display none \*/

position: absolute;/\* have its position be absolute \*/

background-color: #f1f1f1;/\* set its background color \*/

width: 100%;/\* set its width to 100% \*/

z-index: 1;/\* set its z-index \*/

}

/\* styling sort button options \*/

.dropdown-content .sort{

border: none;/\* get rid of its border \*/

padding: 14px 16px;/\* give it some padding \*/

cursor: pointer;/\* when mouse on something of this class change the cursor to that of a pointer \*/

font-size: 15px;/\* set its font size to 15px \*/

width: 100%;/\* set its width to 100% \*/

background-color: #FAFAFA;/\* set its background color \*/

}

/\* when hovering over the sort buttons \*/

.dropdown-content .sort:hover{

border: none;/\* set its border to none \*/

background-color: #E0E0E0;/\* change its background color to this \*/

}

/\* opens the dropdown menu after javascript activation \*/

.show {

display:block;

}

/\* profile \*/

.profile img {

height: 300px;/\* have the profile image be 300px tall \*/

}

.profile .uimage{

border-radius: 50%;/\* make the image a circle \*/

width: 200px;/\* give it a width of 200px \*/

height: auto;/\* set its height to be automatic \*/

position : absolute;/\* make its position absolute \*/

top: 200px;/\* have it be 200px from the top \*/

left: 50%;/\* have it be in the middle of the screen \*/

margin-left: -100px;/\* give it a left margin of -100px \*/

box-shadow: 0px 2px 6px 0 grey;/\* give it a shadow \*/

}

.profile .pnav{

border: none;/\* get rid of its border \*/

background-color: #9E9E9E;/\* set its background color \*/

color: white;/\* set its color \*/

padding: 14px 0px;/\* give it some padding \*/

display:inline-block;/\* have it displayed inline \*/

text-align: center;/\* have it centered on the screen \*/

width: 100%;/\* have its width be 100% \*/

font-size: 15px;/\* have its font-size be 15px \*/

}

.profile .pnav:hover{

cursor: pointer; /\* have the cursor be a pointer when hvoering over an object of this class \*/

background-color: #BDBDBD;/\* set its background \*/

}

.profile .uname{

padding: 10px 16px;/\* give it some padding \*/

font-size: 30px;/\* set its font size \*/

}

/\* subbar \*/

.subbar a{

color: #9E9E9E;/\* set its text color \*/

display: inline-block;/\* have it displayed inline \*/

}

/\* grids\*/

/\* general grid container \*/

.grid-container{

display: grid;/\* have this class be displayed as a grid \*/

grid-gap: 0px;/\* have no grid gaps \*/

grid-template-areas: 'header header header header header header header header'

'posts posts posts posts posts posts posts util';/\* the order in which divs should be set, with words like header being the class of the div, divs should be grid \*/

}

/\* navbar container \*/

.header{

grid-area: header;/\* name of the div for grid template areas \*/

display:grid;/\* have this class be displayed as a grid \*/

grid-template-areas: '. navbar navbar navbar navbar navbar navbar uprofile .';/\* the order in which divs should be set\*/

background-color: #6002ee;/\* set the background color \*/

box-shadow: 0 1px 6px 0 grey;/\* give it a shadow \*/

}

/\* navbar \*/

.navbar{

grid-area: navbar;/\* have this class be displayed as a grid \*/

}

/\* userprofile button in navbar \*/

.uprofile{

grid-area: uprofile;/\* have this class be displayed as a grid \*/

}

/\* sidenav \*/

.sidenav {

height: 100%; /\* set its height \*/

width: 0; /\* set its width \*/

position: fixed;/\* have its position be fixed \*/

z-index: 1;/\* set its z-index \*/

top: 0;/\* have it be from the top of the page \*/

right: 0;/\* have it be from the right of the screen \*/

background-color: #ee6002;/\* set the background color \*/

overflow-x: hidden;/\* hide x-axis overflow \*/

padding-top: 60px;/\* give it some top padding \*/

transition: 0.5s;/\* give it a transition time of 0.5s \*/

box-shadow: -1px 0 6px 0 grey;/\* give it a shadow \*/

text-align: center;/\* have text aligned center \*/

color: white;/\* set its text color \*/

margin: 0px;/\* give it no margin \*/

}

/\* login and registration buttons \*/

.lrbuttons{

text-align: center;/\* have its text aligned center \*/

}

/\* posts feed \*/

.posts{

grid-area: posts;/\* have this class be displayed as a grid \*/

display: grid;/\* have this class be displayed as a grid \*/

height: 100%;/\* set its height \*/

width: 1500px;/\* set its width \*/

margin-left: 70px; /\* set its left margin \*/

margin-right: 7px;/\* set its right margin \*/

margin-top: 10px;/\* set its top margin \*/

font-size: 20px;/\* set its fontsize \*/

background-color: white;/\* set the background color \*/

}

/\*utility buttons, make posts and sorts etc \*/

.util{

grid-area: util;/\* have this class be displayed as a grid \*/

width: 343px;/\* set its width \*/

box-shadow: 0px 2px 6px 0 grey;/\* give it a shadow \*/

height: 100%;/\* set its height \*/

background-color: #FAFAFA;/\* set the background color \*/

}

/\* profile grid \*/

.profile{

grid-area: profile;/\* have this class be displayed as a grid \*/

display: grid;/\* have this class be displayed as a grid \*/

background-color: #9E9E9E;/\* set the background color \*/

color: white; /\* set its text color \*/

}

/\* profile nav \*/

.userinfo{

display: grid;/\* have this class be displayed as a grid \*/

grid-template-columns: repeat(5,1fr);/\* have 5 equal width columns for a template \*/

}

.userinfo > div {

display: grid;/\* have this class be displayed as a grid \*/

justify-items: center;/\* have items centered \*/

}

.post{

display: grid;/\* have this class be displayed as a grid \*/

grid-template-areas: 'vote title title title title title title title title title title title title title title' 'vote content content content content content content content content content content content content content content' 'vote subbar subbar subbar subbar subbar subbar subbar subbar subbar subbar subbar subbar subbar subbar';/\* the order in which divs should be set\*/

grid-template-columns: 1fr repeat(14,1fr);/\* have a column then 14 equal sized columns \*/

border-bottom: 2px solid #F5F5F5;/\* have the bottom border be solid and color be #F5F5F5\*/

min-height: 100px;/\* set its minimum height \*/

margin-left: 20px;/\* set its left margin \*/

margin-right: 10px;/\* set its right margin \*/

}

.title{

display: grid;/\* have this class be displayed as a grid \*/

grid-area: title;/\* have this class be displayed as a grid \*/

font-size: 20px;/\* set its fontsize \*/

color: blue;/\* set its text color \*/

}

.vote{

display: grid;/\* have this class be displayed as a grid \*/

grid-area: vote;/\* have this class be displayed as a grid \*/

}

.content{

display:grid;/\* have this class be displayed as a grid \*/

grid-area: content;/\* have this class be displayed as a grid \*/

font-size: 16px;/\* set its fontsize \*/

border: 1px solid #E0E0E0;/\* give it a border \*/

border-radius: 5px;/\* set the borders curvature on its corners \*/

background-color: #F5F5F5;/\* set the background color \*/

}

.subbar{

display:inline-block;/\* have it displayed inline \*/

grid-area: subbar;/\* have this class be displayed as a grid \*/

font-size: 14px;/\* set its fontsize \*/

color: #9E9E9E;/\* set its text color \*/

font-weight: bold;/\* make the text bold \*/

}