**VirtualScope Code (FINAL)**

\*Code submitted in Iteration3 zip AND can be found <https://github.com/huntress13/TeamPuma-VirtualScope/tree/master/Web>

virtualscope.py

import sys

import os

import subprocess

import ftplib

import signal

from picamera import PiCamera

from time import sleep

import mysql.connector

from mysql.connector import Error

import datetime

#Define the microscope name !!IMPORTANT it comes from terminal argument

my\_name = sys.argv[1]

#Establish the database connection

try:

connection = mysql.connector.connect(host='50.87.144.72',

database='teampuma\_virtualscope',

user='teampuma\_ryan',

password='ICS499')

if connection.is\_connected():

#Select the time increment from the microscopes table

cursor = connection.cursor()

select\_stmt = "SELECT picture\_time\_increment, youtube\_stream FROM microscopes WHERE microscope\_name = %(microscope\_name)s"

cursor.execute(select\_stmt, { 'microscope\_name': my\_name })

info = cursor.fetchone()

time\_increment = info[0]

stream\_link = info[1]

#Error connecting -> Use default time\_increment

except Error as e:

print("Error while connecting to MySQL", e)

time\_increment = 3

#Close the database connection

finally:

if (connection.is\_connected()):

cursor.close()

connection.close()

#Connect to FTP server for file uploading

ftp = ftplib.FTP()

host = "ftp.virtualscope.site"

port = 21

ftp.connect(host, port)

ftp.login("teampuma","1#%ekd%YlaG\*")

ftp.cwd("public\_html/microscopes/" + my\_name + "/images/")

#The concatonated command for streaming

stream\_command = "raspivid -o - -t 0 -w 1280 -h 720 -fps 30 -b 6000000 | ffmpeg -re -f s16le -ac 2 -i /dev/zero -f h264 -i - -vcodec copy -g 50 -strict experimental -f flv " + stream\_link

#Picture folder where photos are saved on the Pi

pic\_folder = "/home/pi/MicroscopeImages/"

while True:

#Run stream for designated time interval

pro = subprocess.Popen(stream\_command, stdout=subprocess.PIPE, shell=True, preexec\_fn=os.setsid)

sleep((time\_increment \* 60)+3)

os.killpg(os.getpgid(pro.pid), signal.SIGTERM)

#Define picture path and capture photo

now = datetime.datetime.now() #Get timestamp

picture\_name = now.strftime("date\_%m-%d-%Y\_time\_%H-%M-%S.jpg") #format image name

picture\_path = pic\_folder + "current\_image.jpg"

camera = PiCamera()

sleep(0.75)

camera.capture(picture\_path, resize=(1230, 924)) #take pictue and resize

camera.close()

#Send pic via ftp

file = open(picture\_path,"rb") # file to send

ftp.storbinary("STOR " + picture\_name, file) # send the file

file.close()

addscope.inc.php

<?php

require 'dbh.inc.php';

if(isset($\_POST['addscope-submit']))

{

$microscopeName = 'microscope'.$\_POST['next\_microscope\_number'];

$sql = 'INSERT INTO microscopes (microscope\_name) VALUES (?)';

$stmt = mysqli\_stmt\_init($conn);

if(!mysqli\_stmt\_prepare($stmt, $sql)){

header("Location: ../microscopeconfig.php?error=sqlerror");

exit();

}else{

// Bind microscope name into sql statement

mysqli\_stmt\_bind\_param($stmt, "s", $microscopeName);

//execute statment into the database

mysqli\_stmt\_execute($stmt);

header("Location: ../microscopeconfig.php");

exit();

}

}

?>

classpassword.inc

<?php

if (isset($\_POST['addcpwd-submit'])) {

require 'dbh.inc.php';

//fetch info from admin

$course\_name = $\_POST['course\_name'];

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

$class\_password = $\_POST['class\_password'];

//confirm all fields are filled in, if not, exit

if (empty($course\_name) || empty($section) || empty($class\_password)){

header("Location: ../loginpage.php?error=emptyfield");

exit();

}else{

$sql = "INSERT INTO class\_passwords(course\_name, section, class\_password) VALUES (?,?,?);";

$stmt = mysqli\_stmt\_init($conn);

if (!mysqli\_stmt\_prepare($stmt, $sql)) {

//checking to see if sql statement is valid

header("Location: ../loginpage.php?error=sqlstatementerror");

exit();

}else{

mysqli\_stmt\_bind\_param($stmt, "sss", $course\_name, $section, $class\_password);

mysqli\_stmt\_execute($stmt);

header("Location: ../classpasswordpage.php");

exit();

}

}

msqli\_stmt\_close($stmt);

mysqli\_close($conn);

}

else{

//if user did not access the page through the normal way without clicking the signup button

header("Location: ../index.php");

exit();

}

clearphotos.inc

<?php

if(isset($\_POST['microscope\_name'])){

$microscopeName = $\_POST['microscope\_name'];

$files = glob('../microscopes/'.$microscopeName.'/images/\*'); // get all file names

foreach($files as $file){ // iterate files

if(is\_file($file))

unlink($file); // delete file

}

exit();

} else{

exit();

}

?>

dbh.inc.php

<?php

$servername = "localhost";

//if using online server use hosting company's server name

$dBUserName = "root";

$dBPassword = "";

$dBName="virtualscope";

$conn = mysqli\_connect($servername, $dBUserName, $dBPassword,$dBName);

if(!$conn){

die("Connection Failed:".mysqli\_connect\_error());

}

deleteclasspasword.inc

<?php

if (isset($\_POST['deletecpwd-submit'])) {

require 'dbh.inc.php';

//fetch info from admin

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

$sql = "DELETE FROM class\_passwords WHERE cpid = ?";

$stmt = mysqli\_stmt\_init($conn);

if (!mysqli\_stmt\_prepare($stmt, $sql)) {

//checking to see if sql statement is valid

header("Location: ../loginpage.php?error=sqlstatementerror");

exit();

}else{

mysqli\_stmt\_bind\_param($stmt, "d", $cpid);

mysqli\_stmt\_execute($stmt);

header("Location: ../classpasswordpage.php");

exit();

}

msqli\_stmt\_close($stmt);

mysqli\_close($conn);

}

else{

//if user did not access the page through the normal way without clicking the signup button

header("Location: ../index.php");

exit();

}

functions.inc

<?php

function displayImages($directory){

$dir = $directory;

$filenames = scandir($dir);

$numOfFiles = sizeof($filenames);

for($i = sizeof($filenames) -1; $i > 1; $i--){

echo '

<div class="col-sm-6 col-md-4">

<a href="'.$dir.'/'.$filenames[$i].'" target="\_blank">

<img class="img-thumbnail img-fluid" src="'.$dir.'/'.$filenames[$i].'" style="width:100%">

</a>

<div>

<p>'.substr($filenames[$i], 0, strrpos($filenames[$i], ".")).'</p>

</div>

</div>';

}

}

function displayLatest($directory, $number){

$dir = $directory;

$filenames = scandir($dir);

$numOfFiles = sizeof($filenames);

$firstImage = $numOfFiles - $number;

if($numOfFiles < 5){

$firstImage = 2;

}

for($i = sizeof($filenames)-1; $i >= $firstImage; $i--){

echo '

<a href="'.$dir.'/'.$filenames[$i].'" target="\_blank">

<img class="img-thumbnail img-fluid" src="'.$dir.'/'.$filenames[$i].'" style="width:100%">

</a>';

}

}

function getMyMicroscopeName($url){

$array = explode("/", str\_replace('\\','/',$url));

$count = count($array);

return $array[$count-1];

}

function getMicroscopeInfo($microscopeName, $conn){

$sql = "SELECT experiment\_name, course\_name, availability FROM microscopes WHERE microscope\_name = ?";

$stmt = mysqli\_stmt\_init($conn);

mysqli\_stmt\_prepare($stmt, $sql);

mysqli\_stmt\_bind\_param($stmt, "s", $microscopeName);

mysqli\_stmt\_execute($stmt);

if(mysqli\_stmt\_bind\_result($stmt, $col1, $col2, $col3)){

mysqli\_stmt\_fetch($stmt);

$experimentName = $col1;

$courseName = $col2;

$availability = $col3;

// Free result set

mysqli\_stmt\_close($stmt);

} else{

echo "ERROR: Could not able to execute $sql. " . mysqli\_error($conn);

}

// Close connection

mysqli\_close($conn);

}

?>

login.inc.php

<?php

if(isset($\_POST['login-submit'])){

require 'dbh.inc.php';

//login with either email or username

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

$password =$\_POST['pwd'];

if (empty($username) || empty($password)){

header("Location: ../loginpage.php?error=emptyfield");

exit();

}else{

$mysqli = new mysqli( 'localhost', 'root', '', 'virtualscope' );

$sql ='SELECT uid, first\_name, last\_name, star\_id, username, password, user\_type FROM users WHERE username=?';

$stmt = $mysqli -> prepare($sql);

$stmt->bind\_param("s", $username);

$stmt->execute();

$stmt->store\_result();

$stmt->bind\_result($uid, $firsts\_name, $last\_name,$star\_id, $dbusername, $dbpwd, $user\_type);

$stmt->fetch();

/\* fetch values \*/

// printf("%s %s\n", $uid, $first\_name, $last\_name, $star\_id, $dbusername, $dbpwd, $user\_type);

$pwdCheck = password\_verify($password, $dbpwd);

if($pwdCheck == false){

header("Location: ../loginpage.php?error=wrongpwd");

exit();

}else if($pwdCheck == true){

//else if to make sure the pwd is actually valid

//start a session variable

//create a global variable of the user when they are sign into the

//website

session\_start();

$\_SESSION['id']=$uid;

$\_SESSION['name']=$first\_name;

$\_SESSION['username']=$dbusername;

$\_SESSION['userType']=$user\_type;

$\_SESSION['loggedIn'] = TRUE;

//TO DO: CODE TO SEND TO DATABASE TO TRACK LOGIN RECORD

$sql = "INSERT INTO logins VALUES (?, LOCALTIMESTAMP);";

$stmt2 = mysqli\_stmt\_init($conn);

if(!mysqli\_stmt\_prepare($stmt2, $sql)){

header("Location: ../loginpage.php?error=sqlerror");

exit();

}else{

//take infor from user gave us and put in the database

//passed in with stmt and the type string

mysqli\_stmt\_bind\_param($stmt2, "d", $\_SESSION['id']);

//passing more than one param

//($stmt, "ss", $username, $pwd)

//execute statment into the database

mysqli\_stmt\_execute($stmt2);

header("Location: ../homepage.php");

exit();

}

}else{

//in case it's not true or false

//rarely will happen

header("Location: ../loginpage.php?error=wrongpwd");

exit();

}

/\* close statement \*/

$stmt->close();

msqli\_stmt\_close($stmt);

msqli\_close($conn);

}

// else{

// header("Location: ../loginpage.php?error=nouser");

// }

}else{

header("Location: ../index.php");

exit();

}

logout.inc.php

<?php

session\_start();

//deletes all the values in thesession variables

session\_unset();

session\_destroy();

header("Location: ../index.php");

exit();

sessionsconfig.inc.php

<?php

session\_start(); //start the session

$username = isset($\_SESSION['username']) ? $\_SESSION['username'] : 'Guest';

$name = isset($\_SESSION['name']) ? $\_SESSION['name'] : 'Guest';

$loggedIn = isset($\_SESSION['loggedIn']) ? $\_SESSION['loggedIn'] : FALSE;

$userType = isset($\_SESSION['userType']) ? $\_SESSION['userType'] : 'none';

?>

signup.inc.php

<?php

if (isset($\_POST['signup-submit'])) {

require 'dbh.inc.php';

//fetch info from the sign up form from user

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

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

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

$username = $\_POST['uid'];

$password = $\_POST['pwd'];

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

$passwordRepeat = $\_POST['pwd-repeat'];

//hard coded login type because majority of the time

//a new account created will be a student or non admin users

$userType = "student";

//checks to see if classpwd is not empty then

//runs a db query to check to see if it exist

//if exist the code will count the rows

//the value should always be 1

if (!empty($classpwd)) {

$sql = "SELECT course\_name, section from class\_passwords where class\_password=?";

$stmt = mysqli\_stmt\_init($conn);

if(!mysqli\_stmt\_prepare($stmt, $sql)){

header("Location: ../signup.php?error=sqlerror");

exit();

}else{

//take infor from user gave us and put in the database

//passed in with stmt and the type string

mysqli\_stmt\_bind\_param($stmt, "s", $classpwd);

//passing more than one param

//($stmt, "ss", $username, $pwd)

//execute statment into the database

mysqli\_stmt\_execute($stmt);

//now need to check if there is a match

//by storing results in $stmt

mysqli\_stmt\_store\_result($stmt);

$classPwdCheck = mysqli\_stmt\_num\_rows($stmt);

if(mysqli\_stmt\_bind\_result($stmt, $col1, $col2)){

mysqli\_stmt\_fetch($stmt);

$course = $col1;

$section = $col2;

}else{

header("Location: ../signup.php?error=loginqueryfailed");

}

//should be 1 if classpassword matches

}

//user input error handling

//checks to see if fields are empty

if(empty($username) || empty($firstname) || empty($password) ||empty($starid) || empty($lastname) ||empty($passwordRepeat) || empty($classpwd)){

header("Location: ../signup.php?error=emptyfields&uid=".$username."&starid".$starid);

exit();

}else if($classPwdCheck == 0) {

header("Location: ../signup.php?error=classplassword");

exit();

}else if($password !== $passwordRepeat){

//checks to see if password and repeatpassword are the same

header("Location: ../signup.php?error=passwordcheck&uid=".$username."&starid".$starid);

exit();

}else{

//not in else if because will need to check at all time to

//make sure the user does not use a username already in used

//done in a safe way with prepared statement without risking security

//done so with place holder ?

$sql2 = "SELECT username FROM users WHERE username=?";

$stmt = mysqli\_stmt\_init($conn);

if(!mysqli\_stmt\_prepare($stmt, $sql2)){

header("Location: ../signup.php?error=sqlerror");

exit();

}else{

//take infor from user gave us and put in the database

//passed in with stmt and the type string

mysqli\_stmt\_bind\_param($stmt, "s", $username);

//passing more than one param

//($stmt, "ss", $username, $pwd)

//execute statment into the database

mysqli\_stmt\_execute($stmt);

//now need to check if there is a match

//by storing results in $stmt

mysqli\_stmt\_store\_result($stmt);

$usernameCheck = mysqli\_stmt\_num\_rows($stmt);

//should be zero or 1

if ($usernameCheck>0) {

header("Location: ../signup.php?error=usertaken&starid=".$starid);

exit();

}else{

$sql = "INSERT INTO users (first\_name, last\_name, star\_id, password, username, user\_type, course\_name, section) VALUES (?,?,?,?,?,?,?,?)";

$stmt = mysqli\_stmt\_init($conn);

if(!mysqli\_stmt\_prepare($stmt, $sql)){

header("Location: ../signup.php?error=sqlerror");

exit();

}else{

//hash password first then insert new user info record

//hashing with b crypt

//don't use outdated hasing such as SHA or MD6

$hashPwd = password\_hash($password, PASSWORD\_DEFAULT);

mysqli\_stmt\_bind\_param($stmt, "ssssssss", $firstname, $lastname, $starid, $hashPwd,$username, $userType, $course, $section);

mysqli\_stmt\_execute($stmt);

header("Location: ../index.php");

exit();

}

}

}

}

}

msqli\_stmt\_close($stmt);

msqli\_close($conn);

/\* close statement \*/

//$stmt1->close();

}

else{

//if user did not access the page through the normal way without clicking the signup button

header("Location: ../signup.php");

exit();

}

updatescope.inc.php

<?php

if(isset($\_POST['updatescope-submit'])){

require 'dbh.inc.php';

//get the post variables

$mID = $\_POST['mid'];

$microscopeName = $\_POST['microscope\_name'];

$experimentName = $\_POST['experiment\_name'];

$courseName = $\_POST['course\_name'];

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

$timeIncrement = $\_POST['picture\_time\_increment'];

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

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

$youtubeStream = $\_POST['youtube\_stream'];

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

if (empty($mID) || empty($microscopeName) || empty($timeIncrement)){

header("Location: ../microscopeconfig.php?error=emptyfield");

exit();

}else{

$sql = "UPDATE microscopes

SET microscope\_name=?,

experiment\_name=?,

course\_name=?,

availability=?,

picture\_time\_increment=?,

youtube=?,

youtube\_stream=?,

state=?,

description=?

WHERE mid=?";

$stmt = mysqli\_stmt\_init($conn);

if (!mysqli\_stmt\_prepare($stmt, $sql)) {

//checking to see if sql statement is valid

header("Location: ../index.php?error=sqlerror");

exit();

}else{

mysqli\_stmt\_bind\_param($stmt, "sssssssssd", $microscopeName, $experimentName,

$courseName, $availability, $timeIncrement, $youtube, $youtubeStream, $state, $description, $mID);

mysqli\_stmt\_execute($stmt);

header("Location: ../microscopeconfig.php");

exit();

}

}

}

else{

header("Location: ../microscopeconfig.php");

exit();

}

script.js

const button = document.querySelector('.btn')

const form = document.querySelector('.form')

button.addEventListener('click', function() {

form.classList.add('form--no')

});

youtube-poster.js

$(function() {

var videos = $(".video");

videos.on("click", function(){

var elm = $(this),

conts = elm.contents(),

le = conts.length,

ifr = null;

for(var i = 0; i<le; i++){

if(conts[i].nodeType == 8) ifr = conts[i].textContent;

}

elm.addClass("player").html(ifr);

elm.off("click");

});

});

adminpage-style.css

\* {

margin: 0;

padding: 0;

box-sizing: border-box;

}

body {

font-family: "Roboto";

font-size: 14px;

background-size: 200% 200% !important;

-webkit-animation: move 10s ease infinite;

animation: move 10s ease infinite;

-webkit-transform: translate3d(0, 0, 0);

transform: translate3d(0, 0, 0);

background: linear-gradient(45deg, #49D49D 10%, #A2C7E5 90%);

height: 100vh;

}

.user {

width: 90%;

max-width: 340px;

margin: 10vh auto;

}

.user\_\_header {

text-align: center;

opacity: 0;

-webkit-transform: translate3d(0, 500px, 0);

transform: translate3d(0, 500px, 0);

-webkit-animation: arrive 500ms ease-in-out 0.7s forwards;

animation: arrive 500ms ease-in-out 0.7s forwards;

}

.user\_\_title {

font-size: 14px;

margin-bottom: -10px;

font-weight: 500;

color: white;

}

.form {

margin-top: 40px;

border-radius: 6px;

overflow: hidden;

opacity: 0;

-webkit-transform: translate3d(0, 500px, 0);

transform: translate3d(0, 500px, 0);

-webkit-animation: arrive 500ms ease-in-out 0.9s forwards;

animation: arrive 500ms ease-in-out 0.9s forwards;

}

.form--no {

-webkit-animation: NO 1s ease-in-out;

animation: NO 1s ease-in-out;

opacity: 1;

-webkit-transform: translate3d(0, 0, 0);

transform: translate3d(0, 0, 0);

}

.form-control {

font-size: 12px;

}

.btn {

display: block;

width: 100%;

font-family: "Roboto";

text-align: center;

outline: 0;

border: 0;

color: white;

background: #A2C7E5;

transition: 0.3s;

}

.btn:hover {

color: white;

background: #49D49D;

}

@-webkit-keyframes NO {

from, to {

-webkit-transform: translate3d(0, 0, 0);

transform: translate3d(0, 0, 0);

}

10%, 30%, 50%, 70%, 90% {

-webkit-transform: translate3d(-10px, 0, 0);

transform: translate3d(-10px, 0, 0);

}

20%, 40%, 60%, 80% {

-webkit-transform: translate3d(10px, 0, 0);

transform: translate3d(10px, 0, 0);

}

}

@keyframes NO {

from, to {

-webkit-transform: translate3d(0, 0, 0);

transform: translate3d(0, 0, 0);

}

10%, 30%, 50%, 70%, 90% {

-webkit-transform: translate3d(-10px, 0, 0);

transform: translate3d(-10px, 0, 0);

}

20%, 40%, 60%, 80% {

-webkit-transform: translate3d(10px, 0, 0);

transform: translate3d(10px, 0, 0);

}

}

@-webkit-keyframes arrive {

0% {

opacity: 0;

-webkit-transform: translate3d(0, 50px, 0);

transform: translate3d(0, 50px, 0);

}

100% {

opacity: 1;

-webkit-transform: translate3d(0, 0, 0);

transform: translate3d(0, 0, 0);

}

}

@keyframes arrive {

0% {

opacity: 0;

-webkit-transform: translate3d(0, 50px, 0);

transform: translate3d(0, 50px, 0);

}

100% {

opacity: 1;

-webkit-transform: translate3d(0, 0, 0);

transform: translate3d(0, 0, 0);

}

}

@-webkit-keyframes move {

0% {

background-position: 0 0;

}

50% {

background-position: 100% 0;

}

100% {

background-position: 0 0;

}

}

@keyframes move {

0% {

background-position: 0 0;

}

50% {

background-position: 100% 0;

}

100% {

background-position: 0 0;

}

}

#login-container.jumbotron{

margin-top: 50px;

margin-bottom: 50px;

max-width: 500px !important;

}

.submit-btn{

width: 100%;

height: 30px;

border: none;

border-radius: 15px;

margin-top: 30px;

margin-bottom: 30px;

}

#login-form{

margin-top: 50px;

}

#login-jumbotron{

margin-top: 30px;

margin-bottom: 30px;

font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;

font-size: 16px;

}

#viewphoto-jumbo{

margin-top: 30px;

margin-bottom: 30px;

font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;

font-size: 16px;

padding-top: 1rem;

border-radius: 15px;

}

.img-thumbnail{

background-color: #e9ecef;

border-width: 2px;

}

.videoWrapper {

position: relative;

padding-bottom: 56.25%; /\* 16:9 \*/

padding-top: 0px;

height: 0;

}

.videoWrapper iframe {

position: absolute;

top: 0;

left: 0;

width: 100%;

height: 100%;

}

#home-jumbotron {

text-align: center;

padding-top: 10rem;

padding-bottom: 10rem;

text-shadow: 2px 2px #000;

}

.lead span {

color: #A2C7E5;

font-weight: bold;

}

.bg-cover {

background-image: url("images/microscope-ocular-lenses.jpg");

background-size: cover;

color: white;

background-position: center center;

position: relative;

z-index: -2;

}

.overlay {

background-color: #000;

opacity: 0.5;

position: absolute;

top: 0;

left: 0;

bottom: 0;

right: 0;

z-index: -1;

}

.card-body .img-thumbnail {

margin-top: 5px;

margin-bottom: 5px;

}

.table td {

vertical-align: middle;

}

.form-group{

margin-right:10px;

}

.big{

padding: 20px;

margin: 10px;

}

a{

color: #49D49D;

}

a:hover{

color: #A2C7E5;

text-decoration: none;

}

homepage-style.css

\* {

margin: 0;

padding: 0;

box-sizing: border-box;

}

body {

font-family: "Roboto";

font-size: 14px;

background-size: 200% 200% !important;

-webkit-animation: move 10s ease infinite;

animation: move 10s ease infinite;

-webkit-transform: translate3d(0, 0, 0);

transform: translate3d(0, 0, 0);

background: linear-gradient(45deg, #49D49D 10%, #A2C7E5 90%);

height: 100vh;

}

.btn {

display: block;

width: 100%;

padding: 20px;

margin-top:10px;

font-family: "Roboto";

-webkit-appearance: none;

outline: 0;

border: 0;

color: white;

background: #A2C7E5;

transition: 0.3s;

}

.btn:hover {

color: white;

background: #49D49D;

}

@-webkit-keyframes NO {

from, to {

-webkit-transform: translate3d(0, 0, 0);

transform: translate3d(0, 0, 0);

}

10%, 30%, 50%, 70%, 90% {

-webkit-transform: translate3d(-10px, 0, 0);

transform: translate3d(-10px, 0, 0);

}

20%, 40%, 60%, 80% {

-webkit-transform: translate3d(10px, 0, 0);

transform: translate3d(10px, 0, 0);

}

}

@keyframes NO {

from, to {

-webkit-transform: translate3d(0, 0, 0);

transform: translate3d(0, 0, 0);

}

10%, 30%, 50%, 70%, 90% {

-webkit-transform: translate3d(-10px, 0, 0);

transform: translate3d(-10px, 0, 0);

}

20%, 40%, 60%, 80% {

-webkit-transform: translate3d(10px, 0, 0);

transform: translate3d(10px, 0, 0);

}

}

@-webkit-keyframes arrive {

0% {

opacity: 0;

-webkit-transform: translate3d(0, 50px, 0);

transform: translate3d(0, 50px, 0);

}

100% {

opacity: 1;

-webkit-transform: translate3d(0, 0, 0);

transform: translate3d(0, 0, 0);

}

}

@keyframes arrive {

0% {

opacity: 0;

-webkit-transform: translate3d(0, 50px, 0);

transform: translate3d(0, 50px, 0);

}

100% {

opacity: 1;

-webkit-transform: translate3d(0, 0, 0);

transform: translate3d(0, 0, 0);

}

}

@-webkit-keyframes move {

0% {

background-position: 0 0;

}

50% {

background-position: 100% 0;

}

100% {

background-position: 0 0;

}

}

@keyframes move {

0% {

background-position: 0 0;

}

50% {

background-position: 100% 0;

}

100% {

background-position: 0 0;

}

}

#home-jumbotron {

text-align: center;

padding-top: 5rem;

padding-bottom: 5rem;

text-shadow: 2px 2px #000;

}

#splash-jumbotron {

text-align: center;

padding-top: 10rem;

padding-bottom: 10rem;

text-shadow: 2px 2px #000;

}

.lead span {

color: #A2C7E5;

font-weight: bold;

}

.bg-cover {

background-image: url("../images/microscope-ocular-lenses.jpg");

background-size: cover;

color: white;

background-position: center center;

position: relative;

z-index: -2;

}

.overlay {

background-color: #000;

opacity: 0.5;

position: absolute;

top: 0;

left: 0;

bottom: 0;

right: 0;

z-index: -1;

}

.card-body .img-thumbnail {

margin-top: 5px;

margin-bottom: 5px;

}

.card{

margin-bottom: 10px;

}

h1{

font-size: 3.5rem;

font-weight: 300;

line-height: 1.2;

color: white;

text-shadow: 2px 2px #000;

}

footer {

padding-top: 30px;

padding-bottom: 10px;

margin-top: 100px;

height: 130px;

width: 100%;

overflow: hidden;

}

.videoWrapper {

position: relative;

padding-bottom: 56.25%; /\* 16:9 \*/

padding-top: 0px;

height: 0;

}

.videoWrapper iframe {

position: absolute;

top: 0;

left: 0;

width: 100%;

height: 100%;

}

loginpage-style.css

\* {

margin: 0;

padding: 0;

box-sizing: border-box;

}

body {

font-family: "Roboto";

font-size: 14px;

background-size: 200% 200% !important;

-webkit-animation: move 10s ease infinite;

animation: move 10s ease infinite;

-webkit-transform: translate3d(0, 0, 0);

transform: translate3d(0, 0, 0);

background: linear-gradient(45deg, #49D49D 10%, #A2C7E5 90%);

height: 100vh;

}

.user {

width: 90%;

max-width: 340px;

margin: 10vh auto;

}

.user\_\_header {

text-align: center;

opacity: 0;

-webkit-transform: translate3d(0, 500px, 0);

transform: translate3d(0, 500px, 0);

-webkit-animation: arrive 500ms ease-in-out 0.7s forwards;

animation: arrive 500ms ease-in-out 0.7s forwards;

}

.user\_\_title {

font-size: 14px;

margin-bottom: -10px;

font-weight: 500;

color: white;

}

.form {

margin-top: 40px;

border-radius: 6px;

overflow: hidden;

opacity: 0;

-webkit-transform: translate3d(0, 500px, 0);

transform: translate3d(0, 500px, 0);

-webkit-animation: arrive 500ms ease-in-out 0.9s forwards;

animation: arrive 500ms ease-in-out 0.9s forwards;

}

.form--no {

-webkit-animation: NO 1s ease-in-out;

animation: NO 1s ease-in-out;

opacity: 1;

-webkit-transform: translate3d(0, 0, 0);

transform: translate3d(0, 0, 0);

}

.form\_\_input {

display: block;

width: 100%;

padding: 20px;

font-family: "Roboto";

-webkit-appearance: none;

border: 0;

outline: 0;

transition: 0.3s;

}

.form\_\_input:focus {

background: #f7f7f7;

}

.btn {

display: block;

width: 100%;

padding: 20px;

font-family: "Roboto";

-webkit-appearance: none;

outline: 0;

border: 0;

color: white;

background: #A2C7E5;

transition: 0.3s;

}

.btn:hover {

color: white;

background: #49D49D;

}

@-webkit-keyframes NO {

from, to {

-webkit-transform: translate3d(0, 0, 0);

transform: translate3d(0, 0, 0);

}

10%, 30%, 50%, 70%, 90% {

-webkit-transform: translate3d(-10px, 0, 0);

transform: translate3d(-10px, 0, 0);

}

20%, 40%, 60%, 80% {

-webkit-transform: translate3d(10px, 0, 0);

transform: translate3d(10px, 0, 0);

}

}

@keyframes NO {

from, to {

-webkit-transform: translate3d(0, 0, 0);

transform: translate3d(0, 0, 0);

}

10%, 30%, 50%, 70%, 90% {

-webkit-transform: translate3d(-10px, 0, 0);

transform: translate3d(-10px, 0, 0);

}

20%, 40%, 60%, 80% {

-webkit-transform: translate3d(10px, 0, 0);

transform: translate3d(10px, 0, 0);

}

}

@-webkit-keyframes arrive {

0% {

opacity: 0;

-webkit-transform: translate3d(0, 50px, 0);

transform: translate3d(0, 50px, 0);

}

100% {

opacity: 1;

-webkit-transform: translate3d(0, 0, 0);

transform: translate3d(0, 0, 0);

}

}

@keyframes arrive {

0% {

opacity: 0;

-webkit-transform: translate3d(0, 50px, 0);

transform: translate3d(0, 50px, 0);

}

100% {

opacity: 1;

-webkit-transform: translate3d(0, 0, 0);

transform: translate3d(0, 0, 0);

}

}

@-webkit-keyframes move {

0% {

background-position: 0 0;

}

50% {

background-position: 100% 0;

}

100% {

background-position: 0 0;

}

}

@keyframes move {

0% {

background-position: 0 0;

}

50% {

background-position: 100% 0;

}

100% {

background-position: 0 0;

}

}

#login-container.jumbotron{

margin-top: 50px;

margin-bottom: 50px;

max-width: 500px !important;

}

.submit-btn{

width: 100%;

height: 50px;

border: none;

border-radius: 15px;

margin-top: 30px;

margin-bottom: 30px;

}

#login-jumbotron{

margin-top: 30px;

margin-bottom: 30px;

padding-top:2rem;

padding-bottom:2rem;

font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;

font-size: 16px;

}

#viewphoto-jumbo{

margin-top: 30px;

margin-bottom: 30px;

font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;

font-size: 16px;

padding-top: 1rem;

border-radius: 15px;

}

.img-thumbnail{

background-color: #e9ecef;

border-width: 2px;

}

.videoWrapper {

position: relative;

padding-bottom: 56.25%; /\* 16:9 \*/

padding-top: 0px;

height: 0;

}

.videoWrapper iframe {

position: absolute;

top: 0;

left: 0;

width: 100%;

height: 100%;

}

#home-jumbotron {

text-align: center;

padding-top: 10rem;

padding-bottom: 10rem;

text-shadow: 2px 2px #000;

}

#logintop-jumbotron{

text-align: center;

padding-top: 3rem;

padding-bottom: 3rem;

text-shadow: 2px 2px #000;

}

.lead span {

color: #A2C7E5;

font-weight: bold;

}

.bg-cover {

background-image: url("images/microscope-ocular-lenses.jpg");

background-size: cover;

color: white;

background-position: center center;

position: relative;

z-index: -2;

}

.overlay {

background-color: #000;

opacity: 0.5;

position: absolute;

top: 0;

left: 0;

bottom: 0;

right: 0;

z-index: -1;

}

.card-body .img-thumbnail {

margin-top: 5px;

margin-bottom: 5px;

}

a{

color: #A2C7E5;

}

a:hover{

color: #49D49D;

text-decoration: none;

}

navbar-style.css

.bg-cover {

background-image: url("../images/microscope-ocular-lenses.jpg");

background-size: cover;

color: white;

background-position: center center;

position: relative;

z-index: -2;

}

.navbar-transparent{

background-color: rgba(255,255,255,.1);

text-shadow: none;

}

#nav2-jumbotron {

height: 100px;

text-align: center;

padding-top: 20px;

padding-bottom: 20px;

margin-top: 0px;

margin-bottom: 0px;

}

.navbar-brand{

margin-right: 0px !important;

}

.bg-dark{

background-color: #2a2c2e!important;

}

.navbar-dark .navbar-nav .nav-link {

color: rgba(255,255,255,.75);

}

.navbar-dark .navbar-nav .nav-link:hover {

color: rgba(255,255,255,1);

}

.nav-text{

display: block;

padding: .5rem .5rem;

padding-top: 0.5rem;

padding-right: .5rem;

padding-bottom: 0.5rem;

padding-left: .5rem;

color: rgba(255,255,255,1);

}

footer {

padding-top: 30px;

padding-bottom: 10px;

margin-top: 100px;

height: 130px;

width: 100%;

overflow: hidden;

}

.footer a{

color: #6c757d;

}

.footer a:hover{

color: #91989e;

text-decoration: none;

}

signuppage-style.css

\* {

margin: 0;

padding: 0;

box-sizing: border-box;

}

body {

font-family: "Roboto";

font-size: 14px;

background-size: 200% 200% !important;

-webkit-animation: move 10s ease infinite;

animation: move 10s ease infinite;

-webkit-transform: translate3d(0, 0, 0);

transform: translate3d(0, 0, 0);

background: linear-gradient(45deg, #49D49D 10%, #a2c7e5 90%);

height: 100vh;

}

.user {

width: 90%;

max-width: 340px;

margin: 10vh auto;

}

.user\_\_header {

text-align: center;

opacity: 0;

-webkit-transform: translate3d(0, 500px, 0);

transform: translate3d(0, 500px, 0);

-webkit-animation: arrive 500ms ease-in-out 0.7s forwards;

animation: arrive 500ms ease-in-out 0.7s forwards;

}

.user\_\_title {

font-size: 14px;

margin-bottom: -10px;

font-weight: 500;

color: white;

}

.form {

margin-top: 40px;

border-radius: 6px;

overflow: hidden;

opacity: 0;

-webkit-transform: translate3d(0, 500px, 0);

transform: translate3d(0, 500px, 0);

-webkit-animation: arrive 500ms ease-in-out 0.9s forwards;

animation: arrive 500ms ease-in-out 0.9s forwards;

}

.form--no {

-webkit-animation: NO 1s ease-in-out;

animation: NO 1s ease-in-out;

opacity: 1;

-webkit-transform: translate3d(0, 0, 0);

transform: translate3d(0, 0, 0);

}

.form\_\_input {

display: block;

width: 100%;

padding: 20px;

font-family: "Roboto";

-webkit-appearance: none;

border: 0;

outline: 0;

transition: 0.3s;

}

.form\_\_input:focus {

background: #f7f7f7;

}

.btn {

display: block;

width: 100%;

height:80px;

font-family: "Roboto";

text-align: center;

outline: 0;

border: 0;

color: white;

background: #A2C7E5;

transition: 0.3s;

}

.btn:hover {

color: white;

background: #49D49D;

}

@-webkit-keyframes NO {

from, to {

-webkit-transform: translate3d(0, 0, 0);

transform: translate3d(0, 0, 0);

}

10%, 30%, 50%, 70%, 90% {

-webkit-transform: translate3d(-10px, 0, 0);

transform: translate3d(-10px, 0, 0);

}

20%, 40%, 60%, 80% {

-webkit-transform: translate3d(10px, 0, 0);

transform: translate3d(10px, 0, 0);

}

}

@keyframes NO {

from, to {

-webkit-transform: translate3d(0, 0, 0);

transform: translate3d(0, 0, 0);

}

10%, 30%, 50%, 70%, 90% {

-webkit-transform: translate3d(-10px, 0, 0);

transform: translate3d(-10px, 0, 0);

}

20%, 40%, 60%, 80% {

-webkit-transform: translate3d(10px, 0, 0);

transform: translate3d(10px, 0, 0);

}

}

@-webkit-keyframes arrive {

0% {

opacity: 0;

-webkit-transform: translate3d(0, 50px, 0);

transform: translate3d(0, 50px, 0);

}

100% {

opacity: 1;

-webkit-transform: translate3d(0, 0, 0);

transform: translate3d(0, 0, 0);

}

}

@keyframes arrive {

0% {

opacity: 0;

-webkit-transform: translate3d(0, 50px, 0);

transform: translate3d(0, 50px, 0);

}

100% {

opacity: 1;

-webkit-transform: translate3d(0, 0, 0);

transform: translate3d(0, 0, 0);

}

}

@-webkit-keyframes move {

0% {

background-position: 0 0;

}

50% {

background-position: 100% 0;

}

100% {

background-position: 0 0;

}

}

@keyframes move {

0% {

background-position: 0 0;

}

50% {

background-position: 100% 0;

}

100% {

background-position: 0 0;

}

}

#login-container.jumbotron{

margin-top: 50px;

margin-bottom: 50px;

max-width: 500px !important;

}

.submit-btn{

width: 100%;

height: 50px;

border: none;

border-radius: 15px;

margin-top: 30px;

margin-bottom: 30px;

}

#login-form{

margin-top: 50px;

}

#login-jumbotron{

margin-top: 30px;

margin-bottom: 30px;

font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;

font-size: 16px;

}

#viewphoto-jumbo{

margin-top: 30px;

margin-bottom: 30px;

font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;

font-size: 16px;

padding-top: 1rem;

border-radius: 15px;

}

.img-thumbnail{

background-color: #e9ecef;

border-width: 2px;

}

.videoWrapper {

position: relative;

padding-bottom: 56.25%; /\* 16:9 \*/

padding-top: 0px;

height: 0;

}

.videoWrapper iframe {

position: absolute;

top: 0;

left: 0;

width: 100%;

height: 100%;

}

#home-jumbotron {

text-align: center;

padding-top: 5rem;

padding-bottom: 5rem;

text-shadow: 2px 2px #000;

}

#splash-jumbotron {

text-align: center;

padding-top: 10rem;

padding-bottom: 10rem;

text-shadow: 2px 2px #000;

}

#signup-jumbotron {

text-align: center;

padding-top: 3rem;

padding-bottom: 3rem;

text-shadow: 2px 2px #000;

}

#login-jumbotron {

text-align: center;

padding-top: 3rem;

padding-bottom: 3rem;

text-shadow: 2px 2px #000;

}

.lead span {

color: #A2C7E5;

font-weight: bold;

}

.bg-cover {

background-image: url("images/microscope-ocular-lenses.jpg");

background-size: cover;

color: white;

background-position: center center;

position: relative;

z-index: -2;

}

.overlay {

background-color: #000;

opacity: 0.5;

position: absolute;

top: 0;

left: 0;

bottom: 0;

right: 0;

z-index: -1;

}

.card-body .img-thumbnail {

margin-top: 5px;

margin-bottom: 5px;

}

streampage-style.css

\* {

margin: 0;

padding: 0;

box-sizing: border-box;

}

body {

font-family: "Roboto";

font-size: 14px;

background-size: 200% 200% !important;

-webkit-animation: move 10s ease infinite;

animation: move 10s ease infinite;

-webkit-transform: translate3d(0, 0, 0);

transform: translate3d(0, 0, 0);

background: linear-gradient(45deg, #49D49D 10%, #A2C7E5 90%);

height: 100vh;

}

.user {

width: 90%;

max-width: 340px;

margin: 10vh auto;

}

.user\_\_header {

text-align: center;

opacity: 0;

-webkit-transform: translate3d(0, 500px, 0);

transform: translate3d(0, 500px, 0);

-webkit-animation: arrive 500ms ease-in-out 0.7s forwards;

animation: arrive 500ms ease-in-out 0.7s forwards;

}

.user\_\_title {

font-size: 14px;

margin-bottom: -10px;

font-weight: 500;

color: white;

}

.form {

margin-top: 40px;

border-radius: 6px;

overflow: hidden;

opacity: 0;

-webkit-transform: translate3d(0, 500px, 0);

transform: translate3d(0, 500px, 0);

-webkit-animation: arrive 500ms ease-in-out 0.9s forwards;

animation: arrive 500ms ease-in-out 0.9s forwards;

}

.form--no {

-webkit-animation: NO 1s ease-in-out;

animation: NO 1s ease-in-out;

opacity: 1;

-webkit-transform: translate3d(0, 0, 0);

transform: translate3d(0, 0, 0);

}

.form\_\_input {

display: block;

width: 100%;

padding: 20px;

font-family: "Roboto";

-webkit-appearance: none;

border: 0;

outline: 0;

transition: 0.3s;

}

.form\_\_input:focus {

background: #f7f7f7;

}

.btn {

display: block;

width: 100%;

padding: 20px;

margin-bottom: 10px;

font-family: "Roboto";

-webkit-appearance: none;

outline: 0;

border: 0;

color: white;

background: #A2C7E5;

transition: 0.3s;

}

.btn:hover {

color: white;

background: #49D49D;

}

.card-body a{

color: #A2C7E5;

}

.card-body a:hover{

color: #49D49D;

}

@-webkit-keyframes NO {

from, to {

-webkit-transform: translate3d(0, 0, 0);

transform: translate3d(0, 0, 0);

}

10%, 30%, 50%, 70%, 90% {

-webkit-transform: translate3d(-10px, 0, 0);

transform: translate3d(-10px, 0, 0);

}

20%, 40%, 60%, 80% {

-webkit-transform: translate3d(10px, 0, 0);

transform: translate3d(10px, 0, 0);

}

}

@keyframes NO {

from, to {

-webkit-transform: translate3d(0, 0, 0);

transform: translate3d(0, 0, 0);

}

10%, 30%, 50%, 70%, 90% {

-webkit-transform: translate3d(-10px, 0, 0);

transform: translate3d(-10px, 0, 0);

}

20%, 40%, 60%, 80% {

-webkit-transform: translate3d(10px, 0, 0);

transform: translate3d(10px, 0, 0);

}

}

@-webkit-keyframes arrive {

0% {

opacity: 0;

-webkit-transform: translate3d(0, 50px, 0);

transform: translate3d(0, 50px, 0);

}

100% {

opacity: 1;

-webkit-transform: translate3d(0, 0, 0);

transform: translate3d(0, 0, 0);

}

}

@keyframes arrive {

0% {

opacity: 0;

-webkit-transform: translate3d(0, 50px, 0);

transform: translate3d(0, 50px, 0);

}

100% {

opacity: 1;

-webkit-transform: translate3d(0, 0, 0);

transform: translate3d(0, 0, 0);

}

}

@-webkit-keyframes move {

0% {

background-position: 0 0;

}

50% {

background-position: 100% 0;

}

100% {

background-position: 0 0;

}

}

@keyframes move {

0% {

background-position: 0 0;

}

50% {

background-position: 100% 0;

}

100% {

background-position: 0 0;

}

}

#login-container.jumbotron{

margin-top: 50px;

margin-bottom: 50px;

max-width: 500px !important;

}

.submit-btn{

width: 100%;

height: 50px;

border: none;

border-radius: 15px;

margin-top: 30px;

margin-bottom: 30px;

}

#login-form{

margin-top: 50px;

}

#login-jumbotron{

margin-top: 30px;

margin-bottom: 30px;

font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;

font-size: 16px;

}

#viewphoto-jumbo{

margin-top: 30px;

margin-bottom: 30px;

font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;

font-size: 16px;

padding-top: 1rem;

border-radius: 15px;

}

.img-thumbnail{

background-color: #e9ecef;

border-width: 2px;

}

.videoWrapper {

position: relative;

padding-bottom: 56.25%; /\* 16:9 \*/

padding-top: 0px;

height: 0;

}

.videoWrapper iframe {

position: absolute;

top: 0;

left: 0;

width: 100%;

height: 100%;

}

#home-jumbotron {

text-align: center;

padding-top: 10rem;

padding-bottom: 10rem;

text-shadow: 2px 2px #000;

}

.lead span {

color: #A2C7E5;

font-weight: bold;

}

.bg-cover {

background-image: url("images/microscope-ocular-lenses.jpg");

background-size: cover;

color: white;

background-position: center center;

position: relative;

z-index: -2;

}

.overlay {

background-color: #000;

opacity: 0.5;

position: absolute;

top: 0;

left: 0;

bottom: 0;

right: 0;

z-index: -1;

}

.card-body .img-thumbnail {

margin-top: 5px;

margin-bottom: 5px;

}

.video { position: relative; padding-bottom: 56.25%; /\* 16:9 \*/ height: 0; }

.video img { position: absolute; display: block; top: 0; left: 0; width: 100%; height: 100%; z-index: 20; cursor: pointer; }

.video:after { content: ""; position: absolute; display: block;

background: url(images/play-button.png) no-repeat 0 0;

top: 45%; left: 45%; width: 46px; height: 36px; z-index: 30; cursor: pointer; }

.video iframe { position: absolute; top: 0; left: 0; width: 100%; height: 100%; }

/\* image poster clicked, player class added using js \*/

.video.player img { display: none; }

.video.player:after { display: none; }

a{

color: #49D49D;

}

a:hover{

color: #A2C7E5;

text-decoration: none;

}

#deletebtn {

width: auto;

padding: 8px;

background:#e24646;

}

about.php

<?php

require 'includes/sessionsconfig.inc.php';

$homepath = 'http://'.$\_SERVER['SERVER\_NAME'].'/';

?>

<!DOCTYPE html>

<html lang="en" >

<head>

<title>VirtualScope</title>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<link href='https://fonts.googleapis.com/css?family=Roboto:400,700' rel='stylesheet' type='text/css'>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>

<link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.6.1/css/all.css" integrity="sha384-gfdkjb5BdAXd+lj+gudLWI+BXq4IuLW5IT+brZEZsLFm++aCMlF1V92rMkPaX4PP" crossorigin="anonymous">

<link rel="stylesheet" href="styles/homepage-style.css">

<link rel="stylesheet" href="styles/navbar-style.css">

</head>

<body>

<!-- Navigation Bar -->

<?php include 'navbar.php'; ?>

<div id="home-jumbotron" class="jumbotron-fluid jumbotron bg-cover">

<div class="overlay"></div>

<div class="container">

<h1 class="display-3 mb-1">About Us</h1>

</div>

</div>

<div class="container">

<div class="row">

<div class="col-md-6">

<img src="<?php echo $homepath?>images/cindy\_harley.jpg" width=260 height=260 class="mx-auto d-block">

<h3 class="text-center">Professor Cindy Harley</h3>

<p>The inception of VirtualScope began with Professor Cindy Harley. Professor Harley is an Assistant Professor of Natural Sciences at Metropolitan State University. While teaching, she found that it was hard for students to come in and observe microscopic contents on a regular basis. She saw that students needed a way to view microscope contents while not at school. With that in mind, she wanted to have some sort of live stream of the microscope content but did not have the knowledge on how to implement her idea. Professor Harley contacted a professor in the Computer Science field and was able to get connected to a group of students that would bring her idea to fruition. <br/>

</div>

<div class="col-md-6">

<img src="<?php echo $homepath?>images/teamPuma.jpg" class="mx-auto d-block">

<h3 class="text-center">Team Puma</h3>

<p>The design and creation of the project in collaboration with Professor Cindy Harley comes from Team Puma. Team Puma consists of four students at Metropolitan State University. The members of Team Puma include: Yer Moua, Ryan Vagle , Jahia Vang, and Hlee Yang. The group formed in the Capstone Class under Professor David Levitt during Fall 2019. Team Puma developed the project for the benefit of individuals who could not be on campus constantly observing microscopic subjects. With the large number of nontraditional students that attend Metropolitan State University, VirtualScope is a convenient and necessary tool to complete assignments and learn. <br/>

</div>

</div>

</div>

<!-- Footer -->

<?php include 'footer.php' ?>

</body>

</html>

adminpanel.php

<?php

require 'includes/sessionsconfig.inc.php';

if($userType != "admin"){

header("Location: index.php");

}

?>

<!DOCTYPE html>

<html lang="en" >

<head>

<title>VirtualScope</title>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<link href='https://fonts.googleapis.com/css?family=Roboto:400,700' rel='stylesheet' type='text/css'>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">

<link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.6.1/css/all.css" integrity="sha384-gfdkjb5BdAXd+lj+gudLWI+BXq4IuLW5IT+brZEZsLFm++aCMlF1V92rMkPaX4PP" crossorigin="anonymous">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>

<link rel="stylesheet" href="styles/adminpage-style.css">

<link rel="stylesheet" href="styles/navbar-style.css">

</head>

<body>

<!-- Navigation Bar -->

<?php include 'navbar.php'; ?>

<!-- Content -->

<div class="container" style="margin-top:30px">

<div class="card" style="margin-bottom:30px">

<div class="card-header">

Administrator Panel

<a href="index.php" style="float: right;">Back to home</a>

</div>

<div class="card-body">

<div class="container">

<dl class="row">

<dt class="col-sm-3"><button type="submit" class="btn big" name="classpasswords" onclick="window.location.href='classpasswordpage.php'">Class Passwords</button></dt>

<dd class="col-sm-9 my-auto">View and modify class passwords</dd>

<dt class="col-sm-3"><button type="submit" class="btn big" name="userlogins" onclick="window.location.href='tracklogin.php'">Logins</button></dt>

<dd class="col-sm-9 my-auto">

Track user logins

</dd>

<dt class="col-sm-3"><button type="submit" class="btn big" name="users" onclick="window.location.href='modifyuser.php'">User Accounts</button></dt>

<dd class="col-sm-9 my-auto">

Modify user accounts

</dd>

<dt class="col-sm-3"><button type="submit" class="btn big" name="configuremicroscopes" onclick="window.location.href='microscopeconfig.php'">Microscopes</button></dt>

<dd class="col-sm-9 my-auto">View and configure microscopes</dd>

</dl>

</div>

</div>

</div>

</div>

<!-- Footer -->

<?php include 'footer.php' ?>

</body>

</html>

classpasswordpage.php

<?php

require 'includes/sessionsconfig.inc.php';

if($userType != "admin"){

header("Location: index.php");

}

?>

<!DOCTYPE html>

<html lang="en" >

<head>

<meta charset="UTF-8">

<title>VirtualScope</title>

<meta name="viewport" content="width=device-width, initial-scale=1">

<link href='https://fonts.googleapis.com/css?family=Roboto:400,700' rel='stylesheet' type='text/css'>

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/normalize/5.0.0/normalize.min.css">

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>

<link rel="stylesheet" href="styles/adminpage-style.css">

<link rel="stylesheet" href="styles/navbar-style.css">

</head>

<body>

<!-- Navigation Bar -->

<?php include 'navbar.php'; ?>

<div class="container" style="margin-top:30px">

<div class="card" style="margin-bottom:30px">

<div class="card-header">

Class Passwords

<a href="adminpanel.php" style="float: right;">Back to admin panel</a>

</div>

<div class="card-body">

<div class="container">

<!-- Add class password -->

<div class="container" style="margin-bottom:10px">

<h5>Add Class Password</h5>

<form id="add-password" class="form-inline" action="includes/classpassword.inc.php" method="post">

<div class="form-group">

<input type="text" name = "course\_name" placeholder="Course Name" class="form-control" />

</div>

<div class="form-group">

<input type="text" name = "section" placeholder="Section" class="form-control" />

</div>

<div class="form-group">

<input type="text" name = "class\_password" placeholder="Class Password" class="form-control" />

</div>

<div class="form-group">

<button class="btn" name="addcpwd-submit" type="submit" class="form-control" >Submit</button>

</div>

</form>

</div>

<!--Delete class password-->

<div class="card" style="margin-bottom:30px">

<div class="card-header">

Existing Class Passwords

</div>

<div class="card-body">

<div class="container">

<div class="row">

<div class="table-responsive">

<?php include "includes/dbh.inc.php";

$sql = "SELECT \* FROM class\_passwords";

$i = 0;

if($result = mysqli\_query($conn, $sql)){

$numberOfRows = mysqli\_num\_rows($result);

if(mysqli\_num\_rows($result) > 0){

echo "<table class=\"table table-striped text-center\">";

echo "<tr>";

echo "<th class=\"text-center\">ID</th>";

echo "<th class=\"text-center\">Course name</th>";

echo "<th class=\"text-center\">Section</th>";

echo "<th class=\"text-center\">Class Password</th>";;

echo "<th class=\"text-center\"></th>";

echo "</tr>";

while($row = mysqli\_fetch\_array($result)){

echo "<form id=\"classpassword-form". $i++ ."\" method=\"POST\" action=\"includes/deleteclasspassword.inc.php\" class=\"form-horizontal\">";

echo '<input type="hidden" id="classpasswordID" name="cpid" value="'. $row['cpid'] . '">';

echo "<tr>";

echo "<td>" . $row['cpid'] . "</td>";

echo "<td>" . $row['course\_name'] . "</td>";

echo "<td>" . $row['section'] . "</td>";

echo "<td>" . $row['class\_password'] . "</td>";

echo "<td><button type=\"submit\" class=\"btn\" name=\"deletecpwd-submit\">delete</button></td>";

echo "</tr>";

echo "</form>";

}

echo "</table>";

// Free result set

mysqli\_free\_result($result);

} else{

echo "No records matching your query were found.";

}

} else{

echo "ERROR: Could not able to execute $sql. " . mysqli\_error($conn);

}

?>

</div>

</div>

</div>

</div>

</div>

</div>

</div>

</div>

</div>

<!-- Footer -->

<?php include 'footer.php' ?>

</body>

</html>

editmicroscope.php

<?php

require 'includes/sessionsconfig.inc.php';

require 'includes/dbh.inc.php';

if($userType != "admin"){

header("Location: index.php");

}

if(!isset($\_POST['editscope-submit'])){

header("Location: microscopeconfig.php");

} else{

$scopeID = $\_POST['mid'];

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

<title>VirtualScope</title>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<link href='https://fonts.googleapis.com/css?family=Roboto:400,700' rel='stylesheet' type='text/css'>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">

<link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.6.1/css/all.css" integrity="sha384-gfdkjb5BdAXd+lj+gudLWI+BXq4IuLW5IT+brZEZsLFm++aCMlF1V92rMkPaX4PP" crossorigin="anonymous">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>

<link rel="stylesheet" href="styles/adminpage-style.css">

<link rel="stylesheet" href="styles/navbar-style.css">

</head>

<body>

<!-- Navigation -->

<?php include 'navbar.php' ?>

<!-- Content -->

<div class="container" style="margin-top:30px">

<div class="card" style="margin-bottom:30px">

<div class="card-header">

Microscope Configurations

<a href="microscopeconfig.php" style="float: right;">Back to microscopes</a>

</div>

<div class="card-body">

<div class="container">

<?php

$sql = "SELECT \* FROM microscopes WHERE mid = ?";

$stmt = mysqli\_stmt\_init($conn);

mysqli\_stmt\_prepare($stmt, $sql);

mysqli\_stmt\_bind\_param($stmt, "s", $scopeID);

mysqli\_stmt\_execute($stmt);

if(mysqli\_stmt\_bind\_result($stmt, $col1, $col2, $col3, $col4, $col5, $col6, $col7, $col8, $col9, $col10)){

mysqli\_stmt\_fetch($stmt);

$microscopeName = $col2; //Define the microscope name

$experimentName = $col3; //Define the experiment name

$courseName = $col4; // Define the course name

$availability = $col5; // Define the availability

$photoInterval = $col6; // Define the photo interval

$youtube = $col7; // Define the youtube link

$youtubeStream = $col8; // Define the youtube link

$state = $col9; // Define the state

$description = $col10; //Define description

// Close the statement

mysqli\_stmt\_close($stmt);

} else{

echo "ERROR: Could not able to execute $sql. " . mysqli\_error($conn);

}

// Close connection

mysqli\_close($conn);

//FORM

echo '<h2>'. ucfirst($microscopeName) .'</h2>';

echo' <form id="scope-edit-form" method="POST" action="includes/updatescope.inc.php" class="needs-validation" novalidate>

<input type="hidden" id="microscopeID" name="mid" value="'. $scopeID . '">

<input type="hidden" id="microscope\_name" name="microscope\_name" value="'. $microscopeName .'">

<label for="experimentName">Experiment Name:</label>

<div class="input-group mb-3">

<input type="text" class="form-control" id="experimentName" value="'. $experimentName .'" name="experiment\_name" required>

<div class="invalid-feedback">Please fill out this field.</div>

</div>

<label for="courseName">Course Name:</label>

<div class="input-group mb-3">

<input type="text" class="form-control" id="courseName" value="'. $courseName .'" name="course\_name" required>

<div class="invalid-feedback">Please fill out this field.</div>

</div>

<label for="pwd">Availability:</label>

<div class="input-group mb-3">

<input type="text" class="form-control" id="availability" value="'. $availability .'" name="availability" required>

<div class="invalid-feedback">Please fill out this field.</div>

</div>

<label for="pwd">Youtube Link:</label>

<div class="input-group mb-3">

<input type="text" class="form-control" id="youtube" value="'. $youtube .'" name="youtube" required>

<div class="invalid-feedback">Please fill out this field.</div>

</div>

<label for="youtube\_stream">Youtube RTMP Stream Link (For Raspberry Pi):</label>

<div class="input-group mb-3">

<input type="text" class="form-control" id="youtube\_stream" value="'. $youtubeStream .'" name="youtube\_stream" required>

<div class="invalid-feedback">Please fill out this field.</div>

</div>

<label for="pwd">Photo Interval:</label>

<div class="input-group mb-3">

<input type="text" class="form-control" id="picture\_time\_increment" value="'. $photoInterval .'" name="picture\_time\_increment" required>

<div class="invalid-feedback">Please fill out this field.</div>

</div>

<label for="pwd">State:</label>

<div class="input-group mb-3">';

if($state == 'active'){

echo "<select class=\"form-control\" name=\"state\">

<option value=\"active\" selected=\"selected\">Active</option>

<option value=\"inactive\">Inactive</option>

</select>

</div>";

}

else if($state == 'inactive'){

echo "<select class=\"form-control\" name=\"state\">

<option value=\"active\">Active</option>

<option value=\"inactive\" selected=\"selected\">Inactive</option>

</select>

</div>";

}

else{

echo "<select class=\"form-control\" name=\"state\">

<option value=\"active\">Active</option>

<option value=\"inactive\" selected=\"selected\">Inactive</option>

</select>

</div>";

}

echo '<label for="description">Description:</label>

<div class="input-group mb-3">

<textarea class="form-control" name="description" rows="10" cols="80" wrap="soft">'. $description .'

</textarea>

</div>';

echo '<button type="submit" class="btn" name="updatescope-submit">Submit</button>

</form>';

?>

</div>

</div>

</div>

</div>

<!-- Footer -->

<?php include 'footer.php' ?>

</body>

</html>

footer.php

<footer class="footer bg-dark">

<div class="container">

<span class="text-muted">&copy 2019 Team Puma<br/>

<a href="https://www.metrostate.edu">Metropolitan State University</a><br/>

</div>

</footer>

homepage.php

<?php

require 'includes/sessionsconfig.inc.php';

?>

<!DOCTYPE html>

<html lang="en" >

<head>

<title>VirtualScope</title>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<link href='https://fonts.googleapis.com/css?family=Roboto:400,700' rel='stylesheet' type='text/css'>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>

<link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.6.1/css/all.css" integrity="sha384-gfdkjb5BdAXd+lj+gudLWI+BXq4IuLW5IT+brZEZsLFm++aCMlF1V92rMkPaX4PP" crossorigin="anonymous">

<link rel="stylesheet" href="styles/homepage-style.css">

<link rel="stylesheet" href="styles/navbar-style.css">

</head>

<body>

<!-- Navigation Bar -->

<?php include 'navbar.php'; ?>

<div id="home-jumbotron" class="jumbotron-fluid jumbotron bg-cover">

<div class="overlay"></div>

<div class="container">

<h1 class="display-3 mb-1">Ongoing Experiments</h1>

<p class="lead"><span>What we're doing today</span></p>

</div>

</div>

<div class="container text-center">

<h1>Today's BIG Question...</h1>

<p>What type of protist are paramecium? This lab experiment is for you to understand their anatomy.

</p>

<div class="row justify-content-center">

<div class="col-sm-8 col-md-4">

<div class="card">

<div class="card-header">Microscope 1</div>

<div class="card-body">

<img class="img-thumbnail img-fluid" src="<?php echo $homepath ?>images/paramecium.jpg" style="width:100%">

Experiment Group 1

<a href="microscopes/microscope1/viewlivestream.php" class="btn btn-info" role="button">View Live Stream</a>

<a href="microscopes/microscope1/viewphotos.php" class="btn btn-info" role="button">View Photos</a>

</div>

</div>

</div>

<div class="col-sm-8 col-md-4">

<div class="card">

<div class="card-header">Microscope 2</div>

<div class="card-body">

<img class="img-thumbnail img-fluid" src="<?php echo $homepath ?>images/paramecium2.jpg" style="width:100%">

Experiment Group 2

<a href="microscopes/microscope2/viewlivestream.php" class="btn btn-info" role="button">View Live Stream</a>

<a href="microscopes/microscope2/viewphotos.php" class="btn btn-info" role="button">View Photos</a>

</div>

</div>

</div>

</div>

</div>

<!-- Footer -->

<?php include 'footer.php' ?>

</body>

</html>

index.php

<?php

require 'includes/sessionsconfig.inc.php';

?>

<!DOCTYPE html>

<html lang="en" >

<head>

<title>VirtualScope</title>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<link href='https://fonts.googleapis.com/css?family=Roboto:400,700' rel='stylesheet' type='text/css'>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>

<link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.6.1/css/all.css" integrity="sha384-gfdkjb5BdAXd+lj+gudLWI+BXq4IuLW5IT+brZEZsLFm++aCMlF1V92rMkPaX4PP" crossorigin="anonymous">

<link rel="stylesheet" href="styles/homepage-style.css">

<link rel="stylesheet" href="styles/navbar-style.css">

</head>

<body>

<!-- Navigation Bar -->

<?php include 'navbar.php'; ?>

<div id="splash-jumbotron" class="jumbotron-fluid jumbotron bg-cover">

<div class="overlay"></div>

<div class="container">

<h1 class="display-3 mb-1">VirtualScope</h1>

<p class="lead"><span>Where your experiments come to you.</span></p>

</div>

</div>

<div class="container">

<div class="row">

<div class="col-md-6">

<h2>What is VirtualScope?</h2>

<p>VirtualScope is your gateway to accessing Biological experiments from anywhere!

Here we have a sample being viewed using either a 10x, 40x, or 100x oil objective on our microscope coming to you

through the internet via a Raspberry Pi. Experiments often require a test case as well as a control which means

we are capable of viewing multiple microscopes at the same time which may be receiving different treatments.

To learn more about these see our current list of what each scope is viewing.<br/>

<a href="homepage.php"><b><h2>Click here!<h2></b></a></p>

</div>

<div class="col-md-6">

<div class="videoWrapper">

<!-- Put YOUTUBE link below -->

<iframe width="560" height="349" src="https://www.youtube.com/embed/JY\_0kaKBtJ4" frameborder="0" allow="accelerometer; autoplay; encrypted-media; gyroscope; picture-in-picture" allowfullscreen></iframe>

</div>

</div>

</div>

</div>

<!-- Footer -->

<?php include 'footer.php' ?>

</body>

</html>

loginpage.php

<?php

require 'includes/sessionsconfig.inc.php';

?>

<!DOCTYPE html>

<html lang="en" >

<head>

<title>VirtualScope</title>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<link href='https://fonts.googleapis.com/css?family=Roboto:400,700' rel='stylesheet' type='text/css'>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">

<link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.6.1/css/all.css" integrity="sha384-gfdkjb5BdAXd+lj+gudLWI+BXq4IuLW5IT+brZEZsLFm++aCMlF1V92rMkPaX4PP" crossorigin="anonymous">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>

<link rel="stylesheet" href="styles/loginpage-style.css">

<link rel="stylesheet" href="styles/navbar-style.css">

</head>

<body>

<!-- Navigation Bar -->

<?php include 'navbar.php'; ?>

<!-- Login Form -->

<div id="logintop-jumbotron" class="jumbotron-fluid jumbotron bg-cover">

<div class="overlay"></div>

<div class="container">

<h1 class="display-3 mb-1">Log In</h1>

<p class="lead"><span>Log into your account</span></p>

</div>

</div>

<div class="container" style="margin-top:50px">

<div class="row justify-content-center">

<div class="col-xs-12 col-sm-10 col-md-8 col-lg-6">

<div id="login-jumbotron" class ="jumbotron" style="border-radius: 15px;">

<form id="login-form" method="POST" action="includes/login.inc.php" class="needs-validation" novalidate>

<label for="uname">Username:</label>

<div class="input-group mb-3">

<div class="input-group-append">

<span class="input-group-text"><i class="fas fa-user"></i></span>

</div>

<input type="text" class="form-control" id="uname" placeholder="Type your username" name="username" required>

<div class="invalid-feedback">Please fill out this field.</div>

</div>

<label for="pwd">Password:</label>

<div class="input-group mb-3">

<div class="input-group-append">

<span class="input-group-text"><i class="fas fa-key"></i></span>

</div>

<input type="password" class="form-control" id="pwd" placeholder="Type your password" name="pwd" required>

<div class="invalid-feedback">Please fill out this field.</div>

</div>

<button type="submit" class="btn mb-3" name="login-submit">Submit</button>

</form>

<div class="container text-right">

Dont have an account? <a href="signup.php">Sign up here!</a>

</div>

</div>

</div>

</div>

</div>

<!-- Footer -->

<?php include 'footer.php' ?>

</body>

</html>

<script>

// Disable form submissions if there are invalid fields

(function() {

'use strict';

window.addEventListener('load', function() {

// Get the forms we want to add validation styles to

var forms = document.getElementsByClassName('needs-validation');

// Loop over them and prevent submission

var validation = Array.prototype.filter.call(forms, function(form) {

form.addEventListener('submit', function(event) {

if (form.checkValidity() === false) {

event.preventDefault();

event.stopPropagation();

}

form.classList.add('was-validated');

}, false);

});

}, false);

})();

</script>

microscopeconfig.php

<?php

require 'includes/sessionsconfig.inc.php';

if($userType != "admin"){

header("Location: index.php");

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

<title>VirtualScope</title>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<link href='https://fonts.googleapis.com/css?family=Roboto:400,700' rel='stylesheet' type='text/css'>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">

<link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.6.1/css/all.css" integrity="sha384-gfdkjb5BdAXd+lj+gudLWI+BXq4IuLW5IT+brZEZsLFm++aCMlF1V92rMkPaX4PP" crossorigin="anonymous">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>

<link rel="stylesheet" href="styles/adminpage-style.css">

<link rel="stylesheet" href="styles/navbar-style.css">

</head>

<body>

<!-- Navigation -->

<?php include 'navbar.php' ?>

<!-- Content -->

<div class="container" style="margin-top:30px">

<div class="card" style="margin-bottom:30px">

<div class="card-header">

Microscope Configurations

<a href="adminpanel.php" style="float: right;">Back to admin panel</a>

</div>

<div class="card-body">

<div class="container">

<div class="row">

<div class="table-responsive">

<?php include "includes/dbh.inc.php";

$sql = "SELECT \* FROM microscopes";

$i = 0;

if($result = mysqli\_query($conn, $sql)){

$numberOfRows = mysqli\_num\_rows($result);

if(mysqli\_num\_rows($result) > 0){

echo "<table class=\"table table-striped text-center\">";

echo "<tr>";

echo "<th class=\"text-center\">Microscope</th>";

echo "<th class=\"text-center\">Experiment</th>";

echo "<th class=\"text-center\">Course</th>";

echo "<th class=\"text-center\">Dates</th>";

echo "<th class=\"text-center\">Youtube</th>";

echo "<th class=\"text-center\">Photo Interval</th>";

echo "<th class=\"text-center\">State</th>";

echo "<th class=\"text-center\">Description</th>";

echo "<th class=\"text-center\"></th>";

echo "</tr>";

while($row = mysqli\_fetch\_array($result)){

echo "<form id=\"microscope-form". $i++ ."\" method=\"POST\" action=\"editmicroscope.php\" class=\"form-horizontal\">";

echo '<input type="hidden" id="microscopeID" name="mid" value="'. $row['mid'] . '">';

echo "<tr>";

echo "<td>" . $row['microscope\_name'] . "</td>";

echo "<td>" . $row['experiment\_name'] . "</td>";

echo "<td>" . $row['course\_name'] . "</td>";

echo "<td>" . $row['availability'] . "</td>";

if($row['youtube']){

echo "<td><a style=\"color: red\" href=\"" . $row['youtube'] . "\"><i class=\"fab fa-youtube fa-2x\"></i></a></td>";

} else{

echo '<td></td>';

}

echo "<td> Every " . $row['picture\_time\_increment'] . " minutes</td>";

if($row['state'] == 'active'){

echo "<td><i style=\"color: green\" class=\"fa fa-check fa-2x\"></i></td>";

}else if($row['state'] == 'inactive'){

echo "<td><i style=\"color: red\" class=\"fa fa-times fa-2x\"></i></td>";

}else{

echo "<td>" . $row['state'] . "</td>";

}

if(strlen($row['description']) < 10){

echo "<td>" . $row['description'] . "</td>";

} else{

echo "<td>" . substr($row['description'], 0, 7) . "...</td>";

}

echo "<td><button type=\"submit\" class=\"btn\" name=\"editscope-submit\">Edit</button></td>";

echo "</tr>";

echo "</form>";

}

echo "</table>";

// Free result set

mysqli\_free\_result($result);

} else{

echo "No records matching your query were found.";

}

} else{

echo "ERROR: Could not able to execute $sql. " . mysqli\_error($conn);

}

?>

</div>

<form id="add-microscope" method="POST" action="includes/addscope.inc.php">

<input type="hidden" id="nextNumber" name="next\_microscope\_number" value="<?php echo ++$numberOfRows ?>">

<button type="submit" class="btn" name="addscope-submit">Add Microscope</button>

</form>

</div>

</div>

</div>

</div>

</div>

<!-- Footer -->

<?php include 'footer.php' ?>

<?php

// Close connection

mysqli\_close($conn);

?>

</body>

</html>

microscopeunavailable.php

<?php

require 'includes/sessionsconfig.inc.php';

require 'includes/functions.inc.php';

if(!$loggedIn){

header("Location: ../loginpage.php");

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

<title>VirtualScope</title>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<link href='https://fonts.googleapis.com/css?family=Roboto:400,700' rel='stylesheet' type='text/css'>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">

<link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.6.1/css/all.css" integrity="sha384-gfdkjb5BdAXd+lj+gudLWI+BXq4IuLW5IT+brZEZsLFm++aCMlF1V92rMkPaX4PP" crossorigin="anonymous">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>

<link rel="stylesheet" href="styles/streampage-style.css">

<link rel="stylesheet" href="styles/navbar-style.css">

</head>

<body>

<!-- Navigation -->

<?php include 'navbar.php' ?>

<!-- Content -->

<div class="container" style="margin-top:30px">

<div class="card" style="margin-bottom:30px; min-height:70vh">

<div class="card-header">

Microscope Unavailable!

</div>

<div class="card-body">

<div class="container">

<h5>Microscope Unavailable!</h5>

This microscope isn't currently available to view. <a href="/">Go back to the homepage</a>

</div>

</div>

</div>

</div>

<!-- Footer -->

<?php include 'footer.php' ?>

</body>

</html>

modifyuser.ph<?php

require 'includes/sessionsconfig.inc.php';

if($userType != "admin"){

header("Location: index.php");

}

?>

<!DOCTYPE html>

<html lang="en" >

<head>

<meta charset="UTF-8">

<title>VirtualScope</title>

<meta name="viewport" content="width=device-width, initial-scale=1">

<link href='https://fonts.googleapis.com/css?family=Roboto:400,700' rel='stylesheet' type='text/css'>

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/normalize/5.0.0/normalize.min.css">

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>

<link rel="stylesheet" href="styles/adminpage-style.css">

<link rel="stylesheet" href="styles/navbar-style.css">

</head>

<body>

<!-- Navigation Bar -->

<?php include 'navbar.php'; ?>

<div class="container" style="margin-top:30px">

<div class="card" style="margin-bottom:30px">

<div class="card-header">

Modify User Account

<a href="adminpanel.php" style="float: right;">Back to admin panel</a>

</div>

<div class="card-body" style="min-height: 60vh">

<div class="container">

<!-- Seach by StarID -->

<div style="margin-bottom:10px">

<!-- <form id="search-login" class="form-inline" action="tracklogin.php" method="post">

<div class="form-group">

<input type="text" name = "star\_ID" placeholder="StarID" class="form-control" />

</div>

<div class="form-group">

<button class="btn" name="search-submit" type="submit" class="form-control" >Search</button>

</div>

</form> -->

<!-- Tab links -->

<!-- Tab links -->

<h6>Click on the tabs below to modify user account information</h6>

<div class="tab">

<button class="tablinks" onclick="openTab(event, 'DeleteName')">Delete Account by Name</button>

<button class="tablinks" onclick="openTab(event, 'DeleteClass')">Delete Accounts by Class</button>

<button class="tablinks" onclick="openTab(event, 'ChangeAccess')">Change User Access</button>

</div>

<!-- Tab content -->

<div id='DeleteClass' class="tabcontent">

<h3>Delete Accounts By Class</h3>

<p>Delete all user account by course name and section. Please fill in all fields. </p>

<form id="delete-class" class="form-inline" action="modifyuser.php" method="post">

<div class="form-group">

<input type="text" name = "course" placeholder="Course Number" class="form-control" />

</div>

<div class="form-group">

<input type="text" name = "section" placeholder="Section" class="form-control" />

</div>

<div class="form-group">

<button class="btn" name="delete-class" onclick="confirmDelete('delete-class')" type="submit" class="form-control">Delete All</button>

</div>

</form>

</div>

<div id='DeleteName' class="tabcontent">

<h3>Delete Account by Name</h3>

<p>Delete user account by first and last name. Please fill in all fields.</p>

<form id="delete-name" class="form-inline" action="modifyuser.php" method="post">

<div class="form-group">

<input type="text" name = "firstName" placeholder="First Name" class="form-control" />

</div>

<div class="form-group">

<input type="text" name = "lastName" placeholder="Last Name" class="form-control" />

</div>

<div class="form-group">

<button class="btn" name="delete-name" onclick="confirmDelete('delete-name')" type="submit" class="form-control" >Delete</button>

</div>

</form>

</div>

<div id='ChangeAccess' class="tabcontent">

<h3>Change User Access</h3>

<p>Update user account to have administrative access. Please fill in all fields.</p>

<form id="change-access" class="form-inline" action="modifyuser.php" method="post">

<div class="form-group">

<input type="text" name = "cFirstName" placeholder="First Name" class="form-control" />

</div>

<div class="form-group">

<input type="text" name = "cLastName" placeholder="Last Name" class="form-control" />

</div>

<div class = "form-group">

<button class="btn" name="change-access" type="submit" onclick="confirmUpdate('change-access')" class="form-control" >Update</button>

</div>

</div>

</form>

<?php if(isset($\_POST['delete-name']) ||isset($\_POST['delete-class']) || isset($\_POST['change-access'])){

include "includes/dbh.inc.php";

?>

<div class="card" style="margin-bottom:30px">

<div class="card-header">

Modify Result

</div>

<div class="card-body">

<div class="container">

<div class="row">

<div class="table-responsive">

<?php

if(isset($\_POST['delete-name'])){

$first = $\_POST['firstName'];

$last = $\_POST['lastName'];

// sql to delete a record

if(empty($first) || empty($last)){

echo "Please fill in all fields and try again for delete account by name.";

}else{

$sql = "DELETE FROM users WHERE first\_name ='$first' and last\_name = '$last'";

if ($conn->query($sql) === TRUE) {

$rowCount = mysqli\_affected\_rows($conn);

if($rowCount > 0){

echo "User account for ".$first." ".$last." has been deleted successfully.";

}else{

echo "No record for ".$first." ".$last." in the database.";

echo "<br>"."There is either no name that match or information may have been mistyped.";

}

} else {

echo "Error deleting record: " . $conn->error;

}

}

// Close connection

mysqli\_close($conn);

}

if(isset($\_POST['delete-class'])){

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

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

if(empty($course)||empty($section)){

echo "Please fill in all fields and try again for delete account by class.";

} else{

$sql = "DELETE FROM users WHERE course\_name ='$course' and section = '$section'";

if ($conn->query($sql) === TRUE) {

$rowCount = mysqli\_affected\_rows($conn);

if($rowCount > 0){

echo "Number of account(s) deleted: ".$rowCount.".";

echo "<br>"."User accounts for course ".$course." section ".$section." has been deleted successfully.";

}else{

echo "No record for course ".$course." section ".$section." in the database.";

echo "<br>"."There is either no course/section that match or information may have been mistyped.";

}

} else {

echo "Error deleting record: " . $conn->error;

}

}

// Close connection

mysqli\_close($conn);

}

if(isset($\_POST['change-access'])){

$cFirst = $\_POST['cFirstName'];

$cLast = $\_POST['cLastName'];

if(empty($cFirst) || empty($cLast)){

echo "Please fill in all fields and try again for changing user access.";

} else{

$sql = "UPDATE users SET user\_type = 'admin' WHERE first\_name ='$cFirst' and last\_name = '$cLast'";

if ($conn->query($sql) === TRUE) {

$rowCount = mysqli\_affected\_rows($conn);

if($rowCount > 0){

echo "User account ".$cFirst." ".$cLast." has been successfully change to administrative access.";

}else{

echo "No record for ".$cFirst." ".$cLast." in the database.";

echo "<br>"."There is either no name that match or information may have been mistyped.";

}

} else {

echo "Error at changing user access record: " . $conn->error;

}

}

// Close connection

mysqli\_close($conn);

}

?>

</div>

</div>

</div>

</div>

</div>

<?php

}

?>

</div>

<div class="card" style="margin-bottom:30px">

<div class="card-header">

Existing User Accounts

</div>

<div class="card-body">

<div class="container">

<div class="row">

<div class="table-responsive">

<?php include "includes/dbh.inc.php";

$sql = "SELECT first\_name, last\_name, course\_name, section, star\_id, username, user\_type FROM users

ORDER BY first\_name";

$i = 0;

if($result = mysqli\_query($conn, $sql)){

$numberOfRows = mysqli\_num\_rows($result);

if(mysqli\_num\_rows($result) > 0){

echo "<table class=\"table table-striped text-center\">";

echo "<tr>";

echo "<th class=\"text-center\">First Name</th>";

echo "<th class=\"text-center\">Last Name</th>";

echo "<th class=\"text-center\">Course Name</th>";

echo "<th class=\"text-center\">Section</th>";

echo "<th class=\"text-center\">Star ID</th>";

echo "<th class=\"text-center\">Username</th>";

echo "<th class=\"text-center\">User Type</th>";

echo "</tr>";

while($row = mysqli\_fetch\_array($result)){

// echo "<form id=\"useraccount-form". $i++ ."\" method=\"POST\" action=\"includes/modifyuser.inc.php\" class=\"form-horizontal\">";

// echo '<input type="hidden" id="classpasswordID" name="cpid" value="'. $row['cpid'] . '">';

// echo "<tr>";

echo "<td>" . $row['first\_name'] . "</td>";

echo "<td>" . $row['last\_name'] . "</td>";

echo "<td>" . $row['course\_name'] . "</td>";

echo "<td>" . $row['section'] . "</td>";

echo "<td>" . $row['star\_id'] . "</td>";

echo "<td>" . $row['username'] . "</td>";

echo "<td>" . $row['user\_type'] . "</td>";

echo "</tr>";

echo "</form>";

}

echo "</table>";

// Free result set

mysqli\_free\_result($result);

} else{

echo "No records matching your query were found.";

}

} else{

echo "ERROR: Could not able to execute $sql. " . mysqli\_error($conn);

}

?>

</div>

</div>

</div>

</div>

</div>

</div>

</div>

</div>

</div>

</body>

</html>

<script>

function openTab(evt, name) {

// Declare all variables

var i, tabcontent, tablinks;

//Get all elements with class="tabcontent" and hide them

tabcontent = document.getElementsByClassName("tabcontent");

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

tabcontent[i].style.display = "none";

}

// Get all elements with class="tablinks" and remove the class "active"

tablinks = document.getElementsByClassName("tablinks");

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

tablinks[i].className = tablinks[i].className.replace(" active", "");

}

// Show the current tab, and add an "active" class to the button that opened the tab

document.getElementById(name).style.display = "block";

evt.currentTarget.className += " active";

}

function confirmDelete(name)

{

var x;

var r = confirm("Are you sure you want to delete user account(s)?");

if (r == false) {

document.getElementById(name).reset();

}

}

function confirmUpdate(name)

{

var x;

var r = confirm("Are you sure you want to change this user access to admin?");

if (r == false) {

document.getElementById(name).reset();

}

}

</script>

<style>

/\* Style the tab \*/

.tab {

overflow: hidden;

border-bottom: 1px solid #ccc;

margin-bottom: 10px;

background-color: #fff;

}

/\* Style the buttons that are used to open the tab content \*/

.tab button {

background-color: inherit;

border-top-left-radius: 5px;

border-top-right-radius: 5px;

float: left;

border: none;

outline: none;

cursor: pointer;

padding: 14px 16px;

transition: 0.3s;

}

/\* Change background color of buttons on hover \*/

.tab button:hover {

background-color: #eee;

}

/\* Create an active/current tablink class \*/

.tab button.active {

background-color: #A2C7E5;

color: #FFF;

}

/\* Style the tab content \*/

.tabcontent {

display: none;

padding: 6px 12px;

/\* border: 1px solid #ccc;

border-top: none; \*/

}

</style>p

navbar.php

<?php

$homepath = 'http://'.$\_SERVER['SERVER\_NAME'].'/';

?>

<nav class="navbar navbar-expand-sm bg-dark navbar-dark">

<div class="container">

<a class="navbar-brand" href="<?php echo $homepath?>"><img src="<?php echo $homepath?>images/logo2.png" width=140 height=30></a>

<button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#collapsibleNavbar">

<span class="navbar-toggler-icon"></span>

</button>

<div class="collapse navbar-collapse" id="collapsibleNavbar">

<ul class="navbar-nav">

<li class="nav-item">

<a class="nav-link" href="<?php echo $homepath?>about.php">About</a>

</li>

<li class="nav-item">

<a class="nav-link" href="<?php echo $homepath?>homepage.php">Experiments</a>

</li>

<!-- TODO

<li class="nav-item">

<a class="nav-link" href="<?php echo $homepath?>viewphoto2.php">Archive</a>

</li>

-->

</ul>

<?php

if($loggedIn){

echo'

<ul class="navbar-nav ml-auto">

<li class="nav-text"><i class="fas fa-user"></i>

'. $username .'

</li>';

if($userType == "admin"){

echo'

<li class="nav-item">

<a class="nav-link" href="'.$homepath.'adminpanel.php">AdminPanel</a>

</li>';

}

echo'

<li class="nav-item">

<a class="nav-link" href="'.$homepath.'includes/logout.inc.php">Log Out</a>

</li>

</ul>';

} else{

echo'

<ul class="navbar-nav ml-auto">

<li class="nav-item">

<a class="nav-link" href="'.$homepath.'loginpage.php">Login</a>

</li>

<li class="nav-item">

<a class="nav-link" href="'.$homepath.'signup.php">Sign up</a>

</li>

</ul>';

}

?>

</div>

</div>

</nav>

signup.php

<?php

require 'includes/sessionsconfig.inc.php';

?>

<!DOCTYPE html>

<html lang="en" >

<head>

<meta charset="UTF-8">

<title>VirtualScope</title>

<meta name="viewport" content="width=device-width, initial-scale=1">

<link href='https://fonts.googleapis.com/css?family=Roboto:400,700' rel='stylesheet' type='text/css'>

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/normalize/5.0.0/normalize.min.css">

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>

<link rel="stylesheet" href="styles/signuppage-style.css">

<link rel="stylesheet" href="styles/navbar-style.css">

</head>

<body>

<!-- Navigation -->

<?php include 'navbar.php' ?>

<!-- Content -->

<div id="signup-jumbotron" class="jumbotron-fluid jumbotron bg-cover">

<div class="overlay"></div>

<div class="container">

<h1 class="display-3 mb-1">Sign Up!</h1>

<p class="lead"><span>Create a VirtualScope account</span></p>

</div>

</div>

<div class="container" style="margin-top:30px">

<div class ="row justify-content-center">

<div class="col-12">

<div class="card">

<div class="card-header">Create Account</div>

<div class="card-body">

<form class="form-signup" action="includes/signup.inc.php" method="post">

<div class="form\_\_group">

<input type="text" name = "firstname" placeholder="First Name" class="form\_\_input" />

<input type="text" name = "lastname" placeholder="Last Name" class="form\_\_input" />

<input type="text" name = "starid" placeholder="StarId" class="form\_\_input" />

<input type="password" name="classpwd" placeholder="Class Password" class="form\_\_input" />

<input type="text" name = "uid" placeholder="Username" class="form\_\_input" />

<input type="password" name = "pwd" placeholder="Password" class="form\_\_input" />

<input type="Password" name = "pwd-repeat" placeholder="Repeat Password" class="form\_\_input" />

</div>

<br/>

<button class="btn" name = "signup-submit" type="submit">Register for VirtualScope!</button>

</form>

</div>

</div>

</div>

</div>

</div>

<!-- Footer -->

<?php include 'footer.php' ?>

</body>

</html>

tracklogin.php

<?php

require 'includes/sessionsconfig.inc.php';

if($userType != "admin"){

header("Location: index.php");

}

?>

<!DOCTYPE html>

<html lang="en" >

<head>

<meta charset="UTF-8">

<title>VirtualScope</title>

<meta name="viewport" content="width=device-width, initial-scale=1">

<link href='https://fonts.googleapis.com/css?family=Roboto:400,700' rel='stylesheet' type='text/css'>

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/normalize/5.0.0/normalize.min.css">

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>

<link rel="stylesheet" href="styles/adminpage-style.css">

<link rel="stylesheet" href="styles/navbar-style.css">

</head>

<body>

<!-- Navigation Bar -->

<?php include 'navbar.php'; ?>

<div class="container" style="margin-top:30px">

<div class="card" style="margin-bottom:30px">

<div class="card-header">

Login History

<a href="adminpanel.php" style="float: right;">Back to admin panel</a>

</div>

<div class="card-body" style="min-height: 60vh">

<div class="container">

<!-- Seach by StarID -->

<div style="margin-bottom:10px">

<!-- <form id="search-login" class="form-inline" action="tracklogin.php" method="post">

<div class="form-group">

<input type="text" name = "star\_ID" placeholder="StarID" class="form-control" />

</div>

<div class="form-group">

<button class="btn" name="search-submit" type="submit" class="form-control" >Search</button>

</div>

</form> -->

<!-- Tab links -->

<h6>Click on the tabs below to search by a desire criteria</h6>

<div class="tab">

<button class="tablinks" onclick="openTab(event, 'Name')">Name</button>

<button class="tablinks" onclick="openTab(event, 'Date Range')">Date Range</button>

<button class="tablinks" onclick="openTab(event, 'List All')">List All</button>

</div>

<!-- Tab content -->

<div id="Name" class="tabcontent">

<h3>Name</h3>

<p>See user's login history by first and last name</p>

<form id="search-name" class="form-inline" action="tracklogin.php" method="post">

<div class="form-group">

<input type="text" name = "firstName" placeholder="First Name" class="form-control" />

</div>

<div class="form-group">

<input type="text" name = "lastName" placeholder="Last Name" class="form-control" />

</div>

<div class="form-group">

<button class="btn" name="search-name" type="submit" class="form-control" >Search</button>

</div>

</form>

</div>

<div id="Date Range" class="tabcontent">

<h3>Date Range</h3>

<p>See ALL users' login history by date range in the format of MM/DD/YYYY</p>

<form id="search-date-all" class="form-inline" action="tracklogin.php" method="post">

<div class="form-group">

<input type="text" name = "allStartDate" placeholder="Start Date" class="form-control" />

</div>

<div class="form-group">

<input type="text" name = "allEndDate" placeholder="End Date" class="form-control" />

</div>

<div class="form-group">

<button class="btn" name="search-date-all" type="submit" class="form-control" >Search All</button>

</div>

</form>

<br>

<p>See ONE user's login history by date range in the format of MM/DD/YYYY</p>

<form id="search-date-one" class="form-inline" action="tracklogin.php" method="post">

<div class="form-group">

<input type="text" name = "dateFirstName" placeholder="First Name" class="form-control" />

</div>

<div class="form-group">

<input type="text" name = "dateLastName" placeholder="Last Name" class="form-control" />

</div>

<div class="form-group">

<input type="text" name = "oneStartDate" placeholder="Start Date" class="form-control" />

</div>

<div class="form-group">

<input type="text" name = "oneEndDate" placeholder="End Date" class="form-control" />

</div>

<div class="form-group">

<button class="btn" name="search-date-one" type="submit" class="form-control" >Search One</button>

</div>

</form>

</div>

<div id="List All" class="tabcontent">

<h3>List All</h3>

<p>See all user login history</p>

<form id="search-all" class="form-inline" action="tracklogin.php" method="post">

<div class = "form-group">

<button class="btn" name="search-all" type="submit" class="form-control" >Search</button>

</div>

</div>

</form>

</div>

<?php if(isset($\_POST['search-all']) ||isset($\_POST['search-name']) || isset($\_POST['search-date-one']) || isset($\_POST['search-date-all'])){

include "includes/dbh.inc.php";

?>

<div class="card" style="margin-bottom:30px">

<div class="card-header">

Search Result

</div>

<div class="card-body">

<div class="container">

<div class="row">

<div class="table-responsive">

<?php

//fetch info from admin

if(isset($\_POST['search-all'])){

$sql = "SELECT first\_name, last\_name, star\_id, username, user\_type, timestamp FROM logins, users

WHERE logins.uid = users.uid

ORDER BY timestamp DESC;";

if($result = mysqli\_query($conn, $sql)){

if(mysqli\_num\_rows($result) > 0){

echo "<table class=\"table table-striped text-center\">";

echo "<tr>";

echo "<th class=\"text-center\">First Name</th>";

echo "<th class=\"text-center\">Last name</th>";

echo "<th class=\"text-center\">StarID</th>";

echo "<th class=\"text-center\">Username</th>";

echo "<th class=\"text-center\">User Type</th>";

echo "<th class=\"text-center\">Timestamp</th>";

echo "</tr>";

while($row = mysqli\_fetch\_array($result)){

echo "<tr>";

echo "<td>" . $row['first\_name'] . "</td>";

echo "<td>" . $row['last\_name'] . "</td>";

echo "<td>" . $row['star\_id'] . "</td>";

echo "<td>" . $row['username'] . "</td>";

echo "<td>" . $row['user\_type'] . "</td>";

echo "<td>" . $row['timestamp'] . "</td>";

echo "</tr>";

}

echo "</table>";

// Free result set

mysqli\_free\_result($result);

} else{

echo "No records matching your query were found.";

}

} else{

echo "ERROR: Could not able to execute $sql. " . mysqli\_error($conn);

}

// Close connection

mysqli\_close($conn);

}

if(isset($\_POST['search-name'])){

$first = $\_POST['firstName'];

$last = $\_POST['lastName'];

if(empty($first)||empty($last)){

echo "Missing first and or last name. Please fill in all fields and try again.";

} else{

$sql = "SELECT first\_name, last\_name, star\_id, username, user\_type, timestamp FROM logins, users

WHERE logins.uid = users.uid

AND users.first\_name = '$first'

AND users.last\_name = '$last'

ORDER BY timestamp DESC;";

if($result = mysqli\_query($conn, $sql)){

if(mysqli\_num\_rows($result) > 0){

echo "<table class=\"table table-striped text-center\">";

echo "<tr>";

echo "<th class=\"text-center\">First Name</th>";

echo "<th class=\"text-center\">Last name</th>";

echo "<th class=\"text-center\">StarID</th>";

echo "<th class=\"text-center\">Username</th>";

echo "<th class=\"text-center\">User Type</th>";

echo "<th class=\"text-center\">Timestamp</th>";

echo "</tr>";

while($row = mysqli\_fetch\_array($result)){

echo "<tr>";

echo "<td>" . $row['first\_name'] . "</td>";

echo "<td>" . $row['last\_name'] . "</td>";

echo "<td>" . $row['star\_id'] . "</td>";

echo "<td>" . $row['username'] . "</td>";

echo "<td>" . $row['user\_type'] . "</td>";

echo "<td>" . $row['timestamp'] . "</td>";

echo "</tr>";

}

echo "</table>";

// Free result set

mysqli\_free\_result($result);

} else{

echo "No records matching your query were found.";

}

} else{

echo "ERROR: Could not able to execute $sql. " . mysqli\_error($conn);

}

}

// Close connection

mysqli\_close($conn);

}

if(isset($\_POST['search-date-all'])){

$start = $\_POST['allStartDate'];

$end = $\_POST['allEndDate'];

if(empty($start) || empty($end)){

echo "Missing information. Please fill in all fields and try again.";

} else{

$sql = "SELECT first\_name, last\_name, star\_id, username, user\_type, timestamp FROM logins, users

WHERE logins.uid = users.uid

AND DATE\_FORMAT(timestamp, '%m/%d/%Y') >= '$start'

AND DATE\_FORMAT(timestamp,'%m/%d/%Y') <= '$end'

ORDER BY timestamp DESC;";

if($result = mysqli\_query($conn, $sql)){

if(mysqli\_num\_rows($result) > 0){

echo "<table class=\"table table-striped text-center\">";

echo "<tr>";

echo "<th class=\"text-center\">First Name</th>";

echo "<th class=\"text-center\">Last Name</th>";

echo "<th class=\"text-center\">StarID</th>";

echo "<th class=\"text-center\">Username</th>";

echo "<th class=\"text-center\">User Type</th>";

echo "<th class=\"text-center\">Timestamp</th>";

echo "</tr>";

while($row = mysqli\_fetch\_array($result)){

echo "<tr>";

echo "<td>" . $row['first\_name'] . "</td>";

echo "<td>" . $row['last\_name'] . "</td>";

echo "<td>" . $row['star\_id'] . "</td>";

echo "<td>" . $row['username'] . "</td>";

echo "<td>" . $row['user\_type'] . "</td>";

echo "<td>" . $row['timestamp'] . "</td>";

echo "</tr>";

}

echo "</table>";

// Free result set

mysqli\_free\_result($result);

} else{

echo "No records matching your query were found.";

}

} else{

echo "ERROR: Could not able to execute $sql. " . mysqli\_error($conn);

}

}

// Close connection

mysqli\_close($conn);

}

if(isset($\_POST['search-date-one'])){

$first = $\_POST['dateFirstName'];

$last = $\_POST['dateLastName'];

$start = $\_POST['oneStartDate'];

$end = $\_POST['oneEndDate'];

if(empty($first)||empty($last) || empty($start) || empty($end)){

echo "Missing information. Please fill in all fields and try again.";

} else{

$sql = "SELECT first\_name, last\_name, star\_id, username, user\_type, timestamp FROM logins, users

WHERE logins.uid = users.uid

AND users.first\_name = '$first'

AND users.last\_name = '$last'

AND DATE\_FORMAT(timestamp, '%m/%d/%Y') >= '$start'

AND DATE\_FORMAT(timestamp,'%m/%d/%Y') <= '$end'

ORDER BY timestamp DESC;";

if($result = mysqli\_query($conn, $sql)){

if(mysqli\_num\_rows($result) > 0){

echo "<table class=\"table table-striped text-center\">";

echo "<tr>";

echo "<th class=\"text-center\">First Name</th>";

echo "<th class=\"text-center\">Last Name</th>";

echo "<th class=\"text-center\">StarID</th>";

echo "<th class=\"text-center\">Username</th>";

echo "<th class=\"text-center\">User Type</th>";

echo "<th class=\"text-center\">Timestamp</th>";

echo "</tr>";

while($row = mysqli\_fetch\_array($result)){

echo "<tr>";

echo "<td>" . $row['first\_name'] . "</td>";

echo "<td>" . $row['last\_name'] . "</td>";

echo "<td>" . $row['star\_id'] . "</td>";

echo "<td>" . $row['username'] . "</td>";

echo "<td>" . $row['user\_type'] . "</td>";

echo "<td>" . $row['timestamp'] . "</td>";

echo "</tr>";

}

echo "</table>";

// Free result set

mysqli\_free\_result($result);

} else{

echo "No records matching your query were found.";

}

} else{

echo "ERROR: Could not able to execute $sql. " . mysqli\_error($conn);

}

}

// Close connection

mysqli\_close($conn);

}

?>

</div>

</div>

</div>

</div>

</div>

<?php

}

?>

</div>

</body>

</html>

<script>

function openTab(evt, name) {

// Declare all variables

var i, tabcontent, tablinks;

//Get all elements with class="tabcontent" and hide them

tabcontent = document.getElementsByClassName("tabcontent");

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

tabcontent[i].style.display = "none";

}

// Get all elements with class="tablinks" and remove the class "active"

tablinks = document.getElementsByClassName("tablinks");

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

tablinks[i].className = tablinks[i].className.replace(" active", "");

}

// Show the current tab, and add an "active" class to the button that opened the tab

document.getElementById(name).style.display = "block";

evt.currentTarget.className += " active";

}

</script>

<style>

/\* Style the tab \*/

.tab {

overflow: hidden;

border-bottom: 1px solid #ccc;

margin-bottom: 10px;

background-color: #fff;

}

/\* Style the buttons that are used to open the tab content \*/

.tab button {

background-color: inherit;

border-top-left-radius: 5px;

border-top-right-radius: 5px;

float: left;

border: none;

outline: none;

cursor: pointer;

padding: 14px 16px;

transition: 0.3s;

}

/\* Change background color of buttons on hover \*/

.tab button:hover {

background-color: #eee;

}

/\* Create an active/current tablink class \*/

.tab button.active {

background-color: #A2C7E5;

color: #FFF;

}

/\* Style the tab content \*/

.tabcontent {

display: none;

padding: 6px 12px;

/\* border: 1px solid #ccc;

border-top: none; \*/

}

</style>