Total Code Contribution to IFB299 - *Alexandria Griffiths*

I have written the entire website dynamically using PHP and HTML.

There were no frameworks used in the development of this project. The following 114 pages of code (10000+ words) have been self-taught over the semester and written by hand from scratch without any scaffold, framework or guidance.

Alex Stevens, my development partner, created the initial HTML skeleton of the home pages, the website’s cascading style sheets (CSS) and integrated print-friendly code for users to print violations and approved permits (his code is not included in this document)

This document is navigable via Microsoft Word’s ‘navigation pane’ (under the ‘View’ tab)

# index.php

<?php

if (isset($\_POST['login']))

{

session\_start();

require 'authentication.inc';

$username=$\_POST['username']; //username and password posted by form (basically what the user entered on login screen)

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

$permission = "";

// validate posted username and password here

if(!checkPassword($username, $password))

{

header("Location: http://{$\_SERVER['HTTP\_HOST']}/Index.php?loginfail=true");

exit();

}

else { //if checkPassword returns TRUE (combination exists in database) --> see authentication.inc

//then check what permission the user has in the database, set $\_SESSION variable and redirect them to the appropriate menu page.

if (strcmp(checkPermission($username, $password, $permission),'admin')==0){ //example: if user is an ADMIN

$\_SESSION['isAdmin'] = true;

$\_SESSION['isCollege'] = false;

$\_SESSION['isVisitor'] = false;

$\_SESSION['isPatrol'] = false;

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

$\_SESSION['surname'] = returnSurname($username);

$\_SESSION['firstname'] = returnFirstname($username);

$\_SESSION['email'] = returnEmail($username);

$\_SESSION['mobile'] = returnMobile($username);

header("Location: http://{$\_SERVER['HTTP\_HOST']}/menuAd.php");

exit();

}

if ((strcmp(checkPermission($username, $password, $permission),'staff')==0)||(strcmp(checkPermission($username, $password, $permission),'student')==0)){ //if user is STAFF or STUDENT

$\_SESSION['isCollege'] = true;

$\_SESSION['isVisitor'] = false;

$\_SESSION['isPatrol'] = false;

$\_SESSION['isAdmin'] = false;

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

$\_SESSION['surname'] = returnSurname($username);

$\_SESSION['firstname'] = returnFirstname($username);

$\_SESSION['email'] = returnEmail($username);

$\_SESSION['mobile'] = returnMobile($username);

header("Location: http://{$\_SERVER['HTTP\_HOST']}/menuStu.php");

exit();

}

if (strcmp(checkPermission($username, $password, $permission),'visitor')==0){

$\_SESSION['isVisitor'] = true;

$\_SESSION['isPatrol'] = false;

$\_SESSION['isAdmin'] = false;

$\_SESSION['isCollege'] = false;

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

$\_SESSION['surname'] = returnSurname($username);

$\_SESSION['firstname'] = returnFirstname($username);

$\_SESSION['email'] = returnEmail($username);

$\_SESSION['mobile'] = returnMobile($username);

header("Location: http://{$\_SERVER['HTTP\_HOST']}/menuVis.php");

exit();

}

if (strcmp(checkPermission($username, $password, $permission),'patrol')==0){

$\_SESSION['isPatrol'] = true;

$\_SESSION['isAdmin'] = false;

$\_SESSION['isCollege'] = false;

$\_SESSION['isVisitor'] = false;

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

$\_SESSION['surname'] = returnSurname($username);

$\_SESSION['firstname'] = returnFirstname($username);

$\_SESSION['email'] = returnEmail($username);

$\_SESSION['mobile'] = returnMobile($username);

header("Location: http://{$\_SERVER['HTTP\_HOST']}/menuPo.php");

exit();

}

}

}

//if user clicked 'sign up'

if (isset($\_POST['create']))

{

session\_start();

require 'signup.inc';

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

$surname=$\_POST['Last'];

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

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

$email=$\_POST['Email'];

$mobile=$\_POST['Mobile'];

$permission=$\_POST['department'];

// validate posted username and password here

if(unique\_u($username))

{

header("Location: http://{$\_SERVER['HTTP\_HOST']}/Index.php?usernamefail=true");

exit();

}

else if(unique\_e($email))

{

header("Location: http://{$\_SERVER['HTTP\_HOST']}/Index.php?emailfail=true");

exit();

}

else {

//INPUT APPROPRIATE DATA

create($firstname, $surname, $username, $password, $mobile, $email, $permission);

//REROUTE TO APPROPRIATE HOME, set $\_SESSION variables

if (strcmp($permission,'admin')==0){

$\_SESSION['isAdmin'] = true;

$\_SESSION['isCollege'] = false;

$\_SESSION['isVisitor'] = false;

$\_SESSION['isPatrol'] = false;

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

$\_SESSION['surname'] = $surname;

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

$\_SESSION['email'] = $email;

$\_SESSION['mobile'] = $mobile;

header("Location: http://{$\_SERVER['HTTP\_HOST']}/menuAd.php");

exit();

}

if ((strcmp($permission,'staff')==0)||(strcmp($permission,'student')==0)){

$\_SESSION['isCollege'] = true;

$\_SESSION['isVisitor'] = false;

$\_SESSION['isPatrol'] = false;

$\_SESSION['isAdmin'] = false;

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

$\_SESSION['surname'] = $surname;

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

$\_SESSION['email'] = $email;

$\_SESSION['mobile'] = $mobile;

header("Location: http://{$\_SERVER['HTTP\_HOST']}/menuStu.php");

exit();

}

if (strcmp($permission,'visitor')==0){

$\_SESSION['isVisitor'] = true;

$\_SESSION['isPatrol'] = false;

$\_SESSION['isAdmin'] = false;

$\_SESSION['isCollege'] = false;

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

$\_SESSION['surname'] = $surname;

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

$\_SESSION['email'] = $email;

$\_SESSION['mobile'] = $mobile;

header("Location: http://{$\_SERVER['HTTP\_HOST']}/menuVis.php");

exit();

}

if (strcmp($permission,'patrol')==0){

$\_SESSION['isPatrol'] = true;

$\_SESSION['isAdmin'] = false;

$\_SESSION['isCollege'] = false;

$\_SESSION['isVisitor'] = false;

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

$\_SESSION['surname'] = $surname;

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

$\_SESSION['email'] = $email;

$\_SESSION['mobile'] = $mobile;

header("Location: http://{$\_SERVER['HTTP\_HOST']}/menuPo.php");

exit();

}

}

}

?>

<html>

<head>

<meta charset="utf-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<title>Anchor</title>

<meta name="description" content="Index screen">

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

<script type="text/javascript" src="/js/check.js"></script>

</head>

<body>

<?php //display correct dynamic messages according to $\_GET

if (isset($\_GET['loginfail'])){

echo "<h1>Login failed</h1>";

}

if (isset($\_GET['usernamefail'])){

echo "<h1>Username already taken</h1>";

}

if (isset($\_GET['emailfail'])){

echo "<h1>Email address already in use</h1>";

}

if (isset($\_GET['signout'])){

require 'destroy.inc';

echo "<h1>You are signed out</h1>";

}

if (isset($\_GET['kicked'])){

require 'destroy.inc';

echo "<h1>You have been kicked for attempting to access privileged information</h1>";

}

if (isset($\_GET['home'])){

require 'home.inc'; //redirect to appropriate home page

}

?>

<div id="headerLogin">

<img src="pics/logo.png" alt="Anchor parking and fine management"></image>

</div>

<div id="container">

<div id="loginLeft">

<h1>Log into existing account</h1>

<form action="index.php" method="post">

<input type="text" name="username" placeholder="Username"/>

<br>

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

<br>

<input type="submit" name="login" value="Login"/>

</form>

</div>

<div id="loginRight">

<h1>Create New User</h1>

<form name ="Create" method="post" action="index.php" onsubmit="return CheckCreate()">

<input type="text" name="First" placeholder="First Name" required/>

<br>

<input type="text" name="Last" placeholder="Last Name" required/>

<br>

<input type="text" name="Username" placeholder="Username" required/>

<br>

<input type="text" name="Email" placeholder="Example@mail.com" required/>

<br>

<input type="text" name="Mobile" placeholder="Mobile number" required/>

<br>

<input type="password" name="Password" placeholder="Password" required/>

<br>

<input type="text" name="Confirm Password" placeholder="Confirm Password" required/>

<br>

<select name="department">

<option>admin</option>

<option>staff</option>

<option>student</option>

<option>visitor</option>

<option>patrol</option>

</select>

<br>

<input type="submit" name="create" value="Create User"/>

</form>

</div>

</div>

</body>

</html>

<?php require 'adminPermission.inc'; ?> <!-- require permission functions -->

<html>

<head>

<meta charset="utf-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<title>Parking skeleon</title>

<meta name="description" content="Index screen">

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

</head>

<body>

<?php

if (isset($\_GET['submitsuccess'])){

echo "<h1>Form submission successful</h1>";

}

?>

<div id="header">

<img src="pics/logo.png" alt="Anchor parking and fine management">

</div>

<div id='nav'>

<ul>

<li><a href="index.php?home=true">Home</a></li>

<li><a href="index.php?signout=true">Log Out</a></li>

</ul>

</div>

<div id="container">

<div class="menuSelectBox">

<h1><a href="writepermits.php">Access Permits</a></h1>

</div>

<div class="menuSelectBox">

<h1><a href="writeviolation.php">Access Violations</a></h1>

</div>

<div class="menuSelectBox">

<h1><a href="writereports.php">Access H+S Reports</a></h1>

</div>

</div>

</body>

</html>

# menuAd.php

<?php require 'patrolPermission.inc'; ?> <!-- require permission functions -->

<html>

<head>

<meta charset="utf-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<title>Parking skeleon</title>

<meta name="description" content="Index screen">

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

</head>

<body>

<?php

if (isset($\_GET['submitsuccess'])){

echo "<h1>Form submission successful</h1>";

}

?>

<div id="header">

<img src="pics/logo.png" alt="Anchor parking and fine management">

</div>

<div id='nav'>

<ul>

<li><a href="index.php?home=true">Home</a></li>

<li><a href="index.php?signout=true">Log Out</a></li>

</ul>

</div>

<div id="container">

<div class="menuSelectBox">

<h1><a href="parking.php">Create New Parking Violation Report</a></h1>

</div>

<div class="menuSelectBox">

<h1><a href="smoking.php">Create New Smoking or Other Violation Report</a></h1>

</div>

<div class="menuSelectBox">

<h1><a href="writeviolation.php">Access Violations</a></h1>

</div>

</div>

</body>

</html>

# menuStu.php

<?php require 'collegePermission.inc'; ?> <!-- require permission functions -->

<html>

<head>

<meta charset="utf-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<title>Parking skeleon</title>

<meta name="description" content="Index screen">

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

</head>

<body>

<?php

if (isset($\_GET['submitsuccess'])){

echo "<h1>Form submission successful</h1>";

}

?>

<div id="header">

<img src="pics/logo.png" alt="Anchor parking and fine management">

</div>

<div id='nav'>

<ul>

<li><a href="index.php?home=true">Home</a></li>

<li><a href="index.php?signout=true">Log Out</a></li>

</ul>

</div>

<div id="container">

<div class="menuSelectBox">

<h1><a href="permit.php">Request Permit</a></h1>

</div>

<div class="menuSelectBox">

<h1><a href="report.php">Report H+S Issue</a></h1>

</div>

<div class="menuSelectBox">

<h1><a href="readpermits.php">View Permits</a></h1>

</div>

<div class="menuSelectBox">

<h1><a href="readviolation.php">View + Pay Violations</a></h1>

</div>

</div>

</body>

</html>

# menuVis.php

<?php require 'visitorPermission.inc'; ?> <!-- require permission functions -->

<html>

<head>

<meta charset="utf-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<title>Parking skeleon</title>

<meta name="description" content="Index screen">

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

</head>

<body>

<?php

if (isset($\_GET['submitsuccess'])){

echo "<h1>Form submission successful</h1>";

}

?>

<div id="header">

<img src="pics/logo.png" alt="Anchor parking and fine management">

</div>

<div id='nav'>

<ul>

<li><a href="index.php?home=true">Home</a></li>

<li><a href="index.php?signout=true">Log Out</a></li>

</ul>

</div>

<div id="container">

<div class="menuSelectBox">

<h1><a href="permit.php">Request Permit</a></h1>

</div>

<div class="menuSelectBox">

<h1><a href="readpermits.php">View Permits</a></h1>

</div>

<div class="menuSelectBox">

<h1><a href="readviolation.php">View + Pay Violations</a></h1>

</div>

</div>

</div>

</body>

</html>

# permit.php

<?php

if (isset($\_POST['Submit']))

{

session\_start();

// validate posted username and password here

require 'submit.inc';

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

$surname=$\_SESSION['surname'];

$email=$\_SESSION['email'];

$mobile=$\_SESSION['mobile'];

$start\_date=$\_POST['date'];

$department=$\_POST['Department'];

$duration=$\_POST['Duration'];

$vehicle\_type=$\_POST['vehicle'];

$time\_original = strtotime($start\_date);

//calculate end\_date

if ($duration == "Yearly"){

$time\_add = $time\_original + (86400\*365); //add seconds

$end\_date = date("Y-m-d", $time\_add);

}

if ($duration == "Monthly"){

$time\_add = strtotime("+1 months", $time\_original);

$end\_date = date("Y-m-d", $time\_add);

}

if ($duration == "Daily"){

$time\_add = $time\_original + (86400\*1); //add seconds

$end\_date = date("Y-m-d", $time\_add);

}

if ($duration == "Hourly"){

$end\_date = $start\_date;

}

//INPUT APPROPRIATE DATA to database

permit($firstname, $surname, $email, $mobile, $start\_date, $end\_date, $department, $duration, $vehicle\_type);

/\*\*\*\*\*EMAIL\*\*\*\*\*/

/\*\*EMAIL TO ADMIN\*\*/

//loop through admins, set new admin email

//Email information

$permission = 'admin';

$subject = "(!)Notification - New Permit Request";

$comment = "A new permit request has been submitted to the system. Please log in to your account to approve or deny the request.";

$header = "From: healthandsafetydpt@anchorcollege.x10host.com";

try {

$pdo = new PDO('mysql:host=localhost;dbname=anchorco\_ifb299', anchorco\_admin, password);

$query = $pdo->prepare("SELECT email FROM users WHERE permission = '$permission'");

$query->bindValue(':permission', $permission);

$query->execute();

foreach ($query->fetchAll(PDO::FETCH\_COLUMN) as $row) {

$email = $row;

mail($email, $subject, $comment, $header); //Send email

}

}

catch(PDOException $e) {

echo "Error: " . $e->getMessage();

}

$conn = null;

//REROUTE TO APPROPRIATE HOME

if ($\_SESSION['isAdmin']){

header("Location: http://{$\_SERVER['HTTP\_HOST']}/menuAd.php?submitsuccess=true");

exit();

}

if ($\_SESSION['isCollege']){

header("Location: http://{$\_SERVER['HTTP\_HOST']}/menuStu.php?submitsuccess=true");

exit();

}

if ($\_SESSION['isVisitor']){

header("Location: http://{$\_SERVER['HTTP\_HOST']}/menuVis.php?submitsuccess=true");

exit();

}

if ($\_SESSION['isPatrol']){

header("Location: http://{$\_SERVER['HTTP\_HOST']}/menuPo.php?submitsuccess=true");

exit();

}

}

?>

<html>

<head>

<meta charset="utf-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<title>Parking skeleon</title>

<meta name="description" content="Index screen">

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

<script type="text/javascript" src="/js/check.js"></script>

</head>

<body>

<?php

if (isset($\_GET['submitfail'])){

echo "<h1>Form submission failed</h1>";

}

?>

<div id="header">

<img src="pics/logo.png" alt="Anchor parking and fine management"></image>

</div>

<div id='nav'>

<ul>

<li><a href="index.php?home=true">Home</a></li>

<li><a href="index.php?signout=true">Log Out</a></li>

</ul>

</div>

<div id="container">

<div id="body">

<form name="edit "action="permit.php" method="post" onsubmit="return checkTime()">

<h2>Department</h2>

<select name="Department">

<option>Dpt of Astrology</option>

<option>Dpt of Science</option>

<option>Dpt of Time and Space</option>

<option>Dpt of Health and Safety</option>

</select>

<h2>Vehicle Type</h2>

<select name="vehicle">

<option>Car</option>

<option>Bike</option>

</select>

<?php

session\_start();

//restrict dropdown selection of permit duration depending on user permissions

//if visitor, user cannot select 'yearly' permit

if ($\_SESSION['isVisitor']){

echo "<h2>Duration</h2>" . "<select name=\"Duration\">" . "<option>Monthly</option>" . "<option>Daily</option>" . "<option>Hourly</option>" . "</select>";

}

//else user can select any duraction permit

else{

echo "<h2>Duration</h2>" . "<select name=\"Duration\">" . "<option>Yearly</option>" . "<option>Monthly</option>" . "<option>Daily</option>" . "<option>Hourly</option>" . "</select>";

}

?>

<h2>Start Date</h2>

<input type="date" name="date">

<br>

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

</form>

</div>

</div>

</body>

</html>

# smoking.php

<?php

if (isset($\_POST['Submit']))

{

session\_start();

// validate posted username and password here

require 'submit.inc';

$v\_firstname=$\_POST['First'];

$v\_surname=$\_POST['Last'];

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

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

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

$v\_department=$\_POST['department'];

$v\_supervisor=$\_POST['supervisor'];

$violation\_type=$\_POST['violation'];

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

//INPUT APPROPRIATE DATA to database

smoking($v\_firstname, $v\_surname, $time, $date, $v\_department, $v\_supervisor, $place, $violation\_type, $description);

/\*\*\*\*\*EMAIL\*\*\*\*\*/

/\*\*EMAIL TO VIOLATOR\*\*/

try {

$pdo = new PDO('mysql:host=localhost;dbname=anchorco\_ifb299', anchorco\_admin, password);

$query = $pdo->prepare("SELECT email FROM users WHERE firstname = '$v\_firstname' AND surname = '$v\_surname'");

$query->bindValue(':firstname', $v\_firstname);

$query->bindValue(':surname', $v\_surname);

$query->execute();

$email = $query->fetchColumn(); //set $email

}

catch(PDOException $e) {

echo "Error: " . $e->getMessage();

}

$conn = null;

//Email information

$subject = "Notification - New Violation";

$comment = "A new violation has been filed against your account by the Health and Safety department of Atmiya College.

This fine requires payment within one week or else further processing in terms of late payment applies.

Please log in to your account to pay your fines. If you disagree with the terms of your violation, contact the Atmiya College general complaints line.";

$header = "From: healthandsafetydpt@anchorcollege.x10host.com";

mail($email, $subject, $comment, $header); //Send email

/\*\*EMAIL TO ADMIN\*\*/

//loop through admins, set new admin email

//Email information

$permission = 'admin';

$subject = "Notification - New Violation";

$comment = "A new violation has been registered in the system. A notification has been sent to its recipient.

There is no follow-up action required.";

$header = "From: healthandsafetydpt@anchorcollege.x10host.com";

try {

$pdo = new PDO('mysql:host=localhost;dbname=anchorco\_ifb299', anchorco\_admin, password);

$query = $pdo->prepare("SELECT email FROM users WHERE permission = '$permission'");

$query->bindValue(':permission', $permission);

$query->execute();

foreach ($query->fetchAll(PDO::FETCH\_COLUMN) as $row) {

$email = $row;

mail($email, $subject, $comment, $header); //Send email

}

}

catch(PDOException $e) {

echo "Error: " . $e->getMessage();

}

$conn = null;

//REROUTE TO APPROPRIATE HOME

if ($\_SESSION['isAdmin']){

header("Location: http://{$\_SERVER['HTTP\_HOST']}/menuAd.php?submitsuccess=true");

exit();

}

if ($\_SESSION['isCollege']){

header("Location: http://{$\_SERVER['HTTP\_HOST']}/menuStu.php?submitsuccess=true");

exit();

}

if ($\_SESSION['isVisitor']){

header("Location: http://{$\_SERVER['HTTP\_HOST']}/menuVis.php?submitsuccess=true");

exit();

}

if ($\_SESSION['isPatrol']){

header("Location: http://{$\_SERVER['HTTP\_HOST']}/menuPo.php?submitsuccess=true");

exit();

}

}

?>

<html>

<head>

<meta charset="utf-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<title>Parking skeleon</title>

<meta name="description" content="Index screen">

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

<script type="text/javascript" src="/js/check.js"></script>

</head>

<body>

<?php

if (isset($\_GET['submitfail'])){

echo "<h1>Form submission failed</h1>";

}

?>

<div id="header">

<img src="pics/logo.png" alt="Anchor parking and fine management"></image>

</div>

<div id='nav'>

<ul>

<li><a href="index.php?home=true">Home</a></li>

<li><a href="index.php?signout=true">Log Out</a></li>

</ul>

</div>

<div id="container">

<div id="body">

<h1>Non-Parking Violation</h1>

<form name="edit" action="smoking.php" method="post" onsubmit="return checkTime()">

<h2>Time and Date</h2>

<input type="text" name="time" required>

<input type="date" name="date" required>

<br>

<h2>Description</h2>

<textarea row="8" cols="50" name="desc"></textarea>

<h2>Violation Type</h2>

<select name="violation">

<option>Smoking</option>

<option>Other</option>

</select>

<h2>Violator's Name</h2>

<input type="text" name="First" placeholder="First" required/>

<input type="text" name="Last" placeholder="Last" required/>

<h2>Violator's Department</h2>

<select name="department">

<option>Dpt of Astrology</option>

<option>Dpt of Science</option>

<option>Dpt of Time and Space</option>

<option>Dpt of Health and Safety</option>

</select>

<h2>Violator's Supervisor</h2>

<input type="text" name="supervisor" placeholder="Supervisor Name" required/>

<h2>Location of Violation</h2>

<input type="text" name="place" placeholder="Campus Location" required/>

<br>

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

</form>

</div>

</div>

</body>

</html>

# report.php

<?php

if (isset($\_POST['Submit']))

{

session\_start();

// validate posted username and password here

require 'submit.inc';

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

$surname=$\_SESSION['surname'];

$start\_time=$\_POST['time'];

$start\_date=$\_POST['date'];

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

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

//INPUT APPROPRIATE DATA to database

report($firstname, $surname, $start\_time, $start\_date, $department, $description);

/\*\*\*\*\*EMAIL\*\*\*\*\*/

/\*\*EMAIL TO ADMIN\*\*/

//loop through admins, set new admin email

//Email information

$permission = 'admin';

$subject = "(!)Notification - New H&S Report";

$comment = "A new health and safety report has been filed in the system. Please log in to your account to follow-up the report.";

$header = "From: healthandsafetydpt@anchorcollege.x10host.com";

try {

$pdo = new PDO('mysql:host=localhost;dbname=anchorco\_ifb299', anchorco\_admin, password);

$query = $pdo->prepare("SELECT email FROM users WHERE permission = '$permission'");

$query->bindValue(':permission', $permission);

$query->execute();

foreach ($query->fetchAll(PDO::FETCH\_COLUMN) as $row) {

$email = $row;

mail($email, $subject, $comment, $header); //Send email

}

}

catch(PDOException $e) {

echo "Error: " . $e->getMessage();

}

$conn = null;

//REROUTE TO APPROPRIATE HOME

if ($\_SESSION['isAdmin']){

header("Location: http://{$\_SERVER['HTTP\_HOST']}/menuAd.php?submitsuccess=true");

exit();

}

if ($\_SESSION['isCollege']){

header("Location: http://{$\_SERVER['HTTP\_HOST']}/menuStu.php?submitsuccess=true");

exit();

}

if ($\_SESSION['isVisitor']){

header("Location: http://{$\_SERVER['HTTP\_HOST']}/menuVis.php?submitsuccess=true");

exit();

}

if ($\_SESSION['isPatrol']){

header("Location: http://{$\_SERVER['HTTP\_HOST']}/menuPo.php?submitsuccess=true");

exit();

}

}

?>

<html>

<head>

<meta charset="utf-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<title>Parking skeleon</title>

<meta name="description" content="Index screen">

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

<script type="text/javascript" src="/js/check.js"></script>

</head>

<body>

<?php

if (isset($\_GET['submitfail'])){

echo "<h1>Form submission failed</h1>";

}

?>

<div id="header">

<img src="pics/logo.png" alt="Anchor parking and fine management"></image>

<div id='nav'>

<ul>

<li><a href="index.php?home=true">Home</a></li>

<li><a href="index.php?signout=true">Log Out</a></li>

</ul>

</div>

</div>

<div id="container">

<div id="body">

<form name="edit" action="report.php" method="post" onsubmit="return checkTime()">

<br>

<h2>Time and Date</h2>

<input type="text" name="time">

<input type="date" name="date" required>

<h2>Department</h2>

<select name="department">

<option>Dpt of Astrology</option>

<option>Dpt of Science</option>

<option>Dpt of Time and Space</option>

<option>Dpt of Health and Safety</option>

</select>

<h2>Description</h2>

<textarea row="8" cols="50" name="desc"></textarea>

<br>

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

</form>

</div>

</div>

</body>

</html>

# parking.php

<?php

if (isset($\_POST['Submit']))

{

session\_start();

// validate posted username and password here

require 'submit.inc';

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

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

$v\_firstname = $\_POST['first'];

$v\_surname = $\_POST['last'];

$violation\_type=$\_POST['violation'];

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

$vehicle\_type=$\_POST['vehicle'];

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

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

$permit\_id=$\_POST['permID'];

//INPUT APPROPRIATE DATA to database

parking($time, $date, $v\_firstname, $v\_surname, $violation\_type, $description, $vehicle\_type, $license, $permit, $permit\_id);

/\*\*\*\*\*EMAIL\*\*\*\*\*/

/\*\*EMAIL TO VIOLATOR\*\*/

try {

$pdo = new PDO('mysql:host=localhost;dbname=anchorco\_ifb299', anchorco\_admin, password);

$query = $pdo->prepare("SELECT email FROM users WHERE firstname = '$v\_firstname' AND surname = '$v\_surname'");

$query->bindValue(':firstname', $v\_firstname);

$query->bindValue(':surname', $v\_surname);

$query->execute();

$email = $query->fetchColumn(); //set $email

}

catch(PDOException $e) {

echo "Error: " . $e->getMessage();

}

$conn = null;

//Email information

$subject = "Notification - New Violation";

$comment = "A new violation has been filed against your account by the Health and Safety department of Atmiya College.

This fine requires payment within one week or else further processing in terms of late payment applies.

Please log in to your account to pay your fines. If you disagree with the terms of your violation, contact the Atmiya College general complaints line.";

$header = "From: healthandsafetydpt@anchorcollege.x10host.com";

mail($email, $subject, $comment, $header); //Send email

/\*\*EMAIL TO ADMIN\*\*/

//loop through admins, set new admin email

//Email information

$permission = 'admin';

$subject = "Notification - New Violation";

$comment = "A new violation has been registered in the system. A notification has been sent to its recipient.

There is no follow-up action required.";

$header = "From: healthandsafetydpt@anchorcollege.x10host.com";

try {

$pdo = new PDO('mysql:host=localhost;dbname=anchorco\_ifb299', anchorco\_admin, password);

$query = $pdo->prepare("SELECT email FROM users WHERE permission = '$permission'");

$query->bindValue(':permission', $permission);

$query->execute();

foreach ($query->fetchAll(PDO::FETCH\_COLUMN) as $row) {

$email = $row;

mail($email, $subject, $comment, $header); //Send email

}

}

catch(PDOException $e) {

echo "Error: " . $e->getMessage();

}

$conn = null;

//REROUTE TO APPROPRIATE HOME

if ($\_SESSION['isAdmin']){

header("Location: http://{$\_SERVER['HTTP\_HOST']}/menuAd.php?submitsuccess=true");

exit();

}

if ($\_SESSION['isCollege']){

header("Location: http://{$\_SERVER['HTTP\_HOST']}/menuStu.php?submitsuccess=true");

exit();

}

if ($\_SESSION['isVisitor']){

header("Location: http://{$\_SERVER['HTTP\_HOST']}/menuVis.php?submitsuccess=true");

exit();

}

if ($\_SESSION['isPatrol']){

header("Location: http://{$\_SERVER['HTTP\_HOST']}/menuPo.php?submitsuccess=true");

exit();

}

}

?>

<html>

<head>

<meta charset="utf-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<title>Parking skeleon</title>

<meta name="description" content="Index screen">

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

<script type="text/javascript" src="/js/check.js"></script>

</head>

<body>

<?php

if (isset($\_GET['submitfail'])){

echo "<h1>Form submission failed</h1>";

}

?>

<div id="header">

<img src="pics/logo.png" alt="Anchor parking and fine management"></image>

</div>

<div id='nav'>

<ul>

<li><a href="index.php?home=true">Home</a></li>

<li><a href="index.php?signout=true">Log Out</a></li>

</ul>

</div>

<div id="container">

<div id="body">

<h1>Parking Violation</h1>

<form name="edit" action="parking.php" method="post" onsubmit="return checkTime()">

<h2>Name</h2>

<input type="text" name="first" placeholder="First Name" required>

<input type="text" name="last" placeholder="Surname" required>

<h2>Time and Date</h2>

<input type="text" name="time">

<input type="date" name="date" required>

<h2>Violation Type</h2>

<select name="violation">

<option>Parking</option>

</select>

<h2>Description</h2>

<textarea row="8" cols="50" name="desc"></textarea>

<br>

<h2>Vehicle Type</h2>

<select name="vehicle">

<option>Car</option>

<option>Bike</option>

</select>

<h2>License Plate</h2>

<input type="text" name="license" placeholder="###" required/>

<h2>Valid Permit?</h2>

<input type="radio" name="permit" value="yes"> Yes<br>

<input type="radio" name="permit" value="no"> No<br>

<h2>Permit ID number</h2>

<input type="text" name="permID" required>

<br>

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

</form>

</div>

</div>

</body>

</html>

# readpermits.php

<div id='captionHead'>Permits Database</div>

<div id="container">

<?php

session\_start();

?>

<div class='caption'>Pending Permits</div>

<?php

$servername = "localhost";

$username = "anchorco\_admin";

$password = "password";

$dbname = "anchorco\_ifb299";

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

$surname = $\_SESSION['surname'];

//try retrieving data from permits where name matches $\_SESSION name and status is pending

try {

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

$stmt = $conn->prepare("SELECT \* FROM permits WHERE firstname = '$firstname' AND surname = '$surname' AND status = 'Pending'");

$stmt->execute();

//if data not null

if ($data = $stmt->fetch()){

//new table, echo headings

echo "<div id='table'>";

echo "<div class='header-row row'><span class='cell primary'>ID</span><span class='cell'>Duration</span><span class='cell'>Start Date</span><span class='cell'>End Date</span><span class='cell'>Vehicle Type</span></div>";

//open pdo to database

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

//that selects appropriate fields from permits table where name matches $\_SESSION name and status is pending

$stmt = $conn->prepare("SELECT permit\_id, duration, start\_date, end\_date, vehicle\_type FROM permits WHERE firstname = '$firstname' AND surname = '$surname' AND status = 'Pending'");

$stmt->execute();

while ($row = $stmt->fetch(PDO::FETCH\_ASSOC))

{

//new row

echo "<div class='row'>";

echo "<input type='radio' name='expand'>";

//print information in cells

echo "<span class='cell primary' data-label='ID'>" . $row['permit\_id'] . "</span>";

echo "<span class='cell' data-label='Duration'>" . $row['duration'] . "</span>";

echo "<span class='cell' data-label='Start Date'>" . $row['start\_date'] . "</span>";

echo "<span class='cell' data-label='End Date'>" . $row['end\_date'] . "</span>";

echo "<span class='cell' data-label='Vehicle Type'>" . $row['vehicle\_type'] . "</span>";

echo "</div>";

}

echo "</div>";//close table

}

//if data null

else{

echo "<h1>No Records</h1>";

}

}//try/catch exception

catch(PDOException $e) {

echo "Error: " . $e->getMessage();

}

$conn = null; //close connection

?>

<br>

<div class='caption'>Approved Permits</div>

<?php

$servername = "localhost";

$username = "anchorco\_admin";

$password = "password";

$dbname = "anchorco\_ifb299";

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

$surname = $\_SESSION['surname'];

//try retrieving data from permits where name matches $\_SESSION name and status is approved

try {

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

$stmt = $conn->prepare("SELECT \* FROM permits WHERE firstname = '$firstname' AND surname = '$surname' AND status = 'Approved'");

$stmt->execute();

if ($data = $stmt->fetch()){

//new table, echo headings

echo "<div id='table'>";

echo "<div class='header-row row'><span class='cell primary'>ID</span><span class='cell'>Duration</span><span class='cell'>Start Date</span><span class='cell'>End Date</span><span class='cell'>Vehicle Type</span><span class='cell'></span></div>";

//open pdo to database

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

//that selects appropriate fields from permits table where name matches $\_SESSION name and status is approved

$stmt = $conn->prepare("SELECT permit\_id, duration, start\_date, end\_date, vehicle\_type FROM permits WHERE firstname = '$firstname' AND surname = '$surname' AND status = 'Approved'");

$stmt->execute();

while ($row = $stmt->fetch(PDO::FETCH\_ASSOC))

{

//new row

echo "<div class='row'>";

echo "<input type='radio' name='expand'>";

//print information in cells

echo "<span class='cell primary' data-label='ID'>" . $row['permit\_id'] . "</span>";

echo "<span class='cell' data-label='Duration'>" . $row['duration'] . "</span>";

echo "<span class='cell' data-label='Start Date'>" . $row['start\_date'] . "</span>";

echo "<span class='cell' data-label='End Date'>" . $row['end\_date'] . "</span>";

echo "<span class='cell' data-label='Vehicle Type'>" . $row['vehicle\_type'] . "</span>";

$counter = $row['permit\_id']; //change counter to current permit\_id

//create button that submits form according to permit\_id of current row (counter)

echo "<span class='cellButton' data-label='Print'>" . "<form method=\"get\" action=\"printpermits.php\">" . "<input type=\"hidden\" name=\"id\" value=\"$counter\">" . "<input type=\"submit\" name=\"Print\" value=\"Print\">" . "</form>" . "</span>";

echo "</div>";

}

echo "</div>"; //close table

}

//if data null

else{

echo "<h1>No Records</h1>";

}

}//try/catch exception

catch(PDOException $e) {

echo "Error: " . $e->getMessage();

}

$conn = null; //end connection

?>

<br>

<div class='caption'>Denied Permits</div>

<?php

$servername = "localhost";

$username = "anchorco\_admin";

$password = "password";

$dbname = "anchorco\_ifb299";

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

$surname = $\_SESSION['surname'];

//try retrieving data from permits where name matches $\_SESSION name and status is denied

try {

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

$stmt = $conn->prepare("SELECT \* FROM permits WHERE firstname = '$firstname' AND surname = '$surname' AND status = 'Denied'");

$stmt->execute();

//if data not null

if ($data = $stmt->fetch()){

//create table, echo headings

echo "<div id='table'>";

echo "<div class='header-row row'><span class='cell primary'>ID</span><span class='cell'>Duration</span><span class='cell'>Start Date</span><span class='cell'>End Date</span><span class='cell'>Vehicle Type</span></div>";

//open pdo to database

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

//that selects appropriate fields from permits table where name matches $\_SESSION name and status is denied

$stmt = $conn->prepare("SELECT permit\_id, duration, start\_date, end\_date, vehicle\_type FROM permits WHERE firstname = '$firstname' AND surname = '$surname' AND status = 'Denied'");

$stmt->execute();

while ($row = $stmt->fetch(PDO::FETCH\_ASSOC))

{

//new row

echo "<div class='row'>";

echo "<input type='radio' name='expand'>";

//print information into cells

echo "<span class='cell primary' data-label='ID'>" . $row['permit\_id'] . "</span>";

echo "<span class='cell' data-label='Duration'>" . $row['duration'] . "</span>";

echo "<span class='cell' data-label='Start Date'>" . $row['start\_date'] . "</span>";

echo "<span class='cell' data-label='End Date'>" . $row['end\_date'] . "</span>";

echo "<span class='cell' data-label='Vehicle Type'>" . $row['vehicle\_type'] . "</span>";

echo "</div>";

}

echo "</div>";//end table

}

//if data null

else{

echo "<h1>No Records</h1>";

}

}//try/catch exception

catch(PDOException $e) {

echo "Error: " . $e->getMessage();

}

$conn = null; //end connection

?>

<br>

</div>

</body>

</html>

# readviolation.php

<?php

if (isset($\_POST['approve']))

{

$violation\_id = $\_POST["id"];

$status = "Paid";

$pdo = new PDO('mysql:host=localhost;dbname=anchorco\_ifb299', anchorco\_admin, password);

$sql = "UPDATE violations SET status=:status WHERE violation\_id=:violation\_id";

$query = $pdo->prepare($sql);

//update violation payment status

$query->bindValue(":status", $status);

$query->bindValue(":violation\_id", $violation\_id);

$result = $query->execute();

//REROUTE TO APPROPRIATE HOME

header("Location: http://{$\_SERVER['HTTP\_HOST']}/readviolation.php?paysuccess=true");

exit();

}

?>

<html>

<head>

<meta charset="utf-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<title>Parking skeleon</title>

<meta name="description" content="Index screen">

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

</head>

<body>

<?php

if (isset($\_GET['paysuccess'])){

echo "<div id='captionSuccess'>Payment successful</div>";

}

?>

<div id="header">

<img src="pics/logo.png" alt="Anchor parking and fine management">

</div>

<div id='nav'>

<ul>

<li><a href="index.php?home=true">Home</a></li>

<li><a href="index.php?signout=true">Log Out</a></li>

</ul>

</div>

<div id="container">

<?php

session\_start();

?>

<div id='captionHead'>Current Violations</div>

<div class="caption">Parking</div>

<?php

$servername = "localhost";

$username = "anchorco\_admin";

$password = "password";

$dbname = "anchorco\_ifb299";

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

$surname = $\_SESSION['surname'];

//try retrieving data from violations where status is unpaid and type parking

try {

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

$stmt = $conn->prepare("SELECT \* FROM violations WHERE v\_firstname = '$firstname' AND v\_surname = '$surname' AND status = 'Unpaid' AND violation\_type = 'Parking'");

$stmt->execute();

//if data not null

if ($data = $stmt->fetch()){

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

$stmt = $conn->prepare("SELECT violation\_id, date, time, description, vehicle\_type, license FROM violations WHERE v\_firstname = '$firstname' AND v\_surname = '$surname' AND status = 'Unpaid' AND violation\_type = 'Parking'");

$stmt->execute();

$empty = true;

//check that violation is not 'outstanding'

while ($row = $stmt->fetch(PDO::FETCH\_ASSOC))

{

$datetime1 = strtotime(date('Y-m-d'));

$datetime2 = strtotime($row['date']);

$interval = ($datetime1 - $datetime2)/86400;

if ($interval < 7){ //if within a week

$empty = false;

}

}

//if there is an unpaid,parking violation that is not outstanding

if (!$empty){

//new table, echo headings

echo "<div id='table'>";

echo "<div class='header-row row'>

<span class='cell primary'>ID</span>

<span class='cell'>Date</span>

<span class='cell'>Time</span>

<span class='cell'>Description</span>

<span class='cell'>Vehicle Type</span>

<span class='cell'>License</span>

</div>";

//open pdo to database

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

//that selects appropriate fields from violations table where status is unpaid and type parking

$stmt = $conn->prepare("SELECT violation\_id, date, time, description, vehicle\_type, license FROM violations WHERE v\_firstname = '$firstname' AND v\_surname = '$surname' AND status = 'Unpaid' AND violation\_type = 'Parking'");

$stmt->execute();

while ($row = $stmt->fetch(PDO::FETCH\_ASSOC))

{

$datetime1 = strtotime(date('Y-m-d'));

$datetime2 = strtotime($row['date']);

$interval = ($datetime1 - $datetime2)/86400;

if ($interval < 7){ //if within a week

echo "<div class='row'>";

//new row

echo "<input type='radio' name='expand'>";

//print information into cells

echo "<span class='cell primary' data-label='ID'>" . $row['violation\_id'] . "</span>";

echo "<span class='cell' data-label='Date'>" . $row['date'] . "</span>";

echo "<span class='cell' data-label='Time'>" . $row['time'] . "</span>";

echo "<span class='cell' data-label='Description'>" . $row['description'] . "</span>";

echo "<span class='cell' data-label='Vehicle Type'>" . $row['vehicle\_type'] . "</span>";

echo "<span class='cell' data-label='License'>" . $row['license'] . "</span>";

$counter = $row['violation\_id']; //change counter variable to current violation\_id

//create button that submits form according to violation\_id of current row (counter)

echo "<span class='cellButton'>" . "<form method=\"post\" action=\"readviolation.php\">" . "<input type=\"hidden\" name=\"id\" value=\"$counter\">" . "<input type=\"submit\" name=\"approve\" value=\"Pay\">" . "</form>" . "</span>";

echo "</div>"; //end row

}

}

echo "</div>"; //end table

}

//else if data null

else{

echo "<h1>No Records</h1>";

}

}

else{

echo "<h1>No Records</h1>";

}

}//try/catch error

catch(PDOException $e) {

echo "Error: " . $e->getMessage();

}

$conn = null; //end connection

?>

<br>

<div class="caption">Non-parking</div>

<?php

$servername = "localhost";

$username = "anchorco\_admin";

$password = "password";

$dbname = "anchorco\_ifb299";

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

$surname = $\_SESSION['surname'];

//try retrieving data from violations where status is unpaid and type smoking/other

try {

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

$stmt = $conn->prepare("SELECT \* FROM violations WHERE (v\_firstname = '$firstname' AND v\_surname = '$surname' AND status = 'Unpaid' AND violation\_type = 'Smoking') OR (v\_firstname = '$firstname' AND v\_surname = '$surname' AND status = 'Unpaid' AND violation\_type = 'Other')");

$stmt->execute();

//if data not null

if ($data = $stmt->fetch()){

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

$stmt = $conn->prepare("SELECT violation\_id, date, time, description, v\_department, v\_supervisor, place, violation\_type FROM violations WHERE (v\_firstname = '$firstname' AND v\_surname = '$surname' AND status = 'Unpaid' AND violation\_type = 'Smoking') OR (v\_firstname = '$firstname' AND v\_surname = '$surname' AND status = 'Unpaid' AND violation\_type = 'Other')");

$stmt->execute();

$empty = true;

//check that violation is not 'outstanding'

while ($row = $stmt->fetch(PDO::FETCH\_ASSOC))

{

$datetime1 = strtotime(date('Y-m-d'));

$datetime2 = strtotime($row['date']);

$interval = ($datetime1 - $datetime2)/86400;

if ($interval < 7){ //if within a week

$empty = false;

}

}

//if there is an unpaid,smoking/other violation that is not outstanding

if (!$empty){

//new table, echo headings

echo "<div id='table'>";

echo "<div class='header-row row'>

<span class='cell primary'>ID</span>

<span class='cell'>Date</span>

<span class='cell'>Time</span>

<span class='cell'>Description</span>

<span class='cell'>Department</span>

<span class='cell'>Supervisor</span>

<span class='cell'>Place</span>

<span class='cell'>Violation Type</span>

<span class='cell'></span>

</div>";

//open pdo to database

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

//that selects appropriate fields from violations table where status is unpaid and type smoking/other

$stmt = $conn->prepare("SELECT violation\_id, date, time, description, v\_department, v\_supervisor, place, violation\_type FROM violations WHERE (v\_firstname = '$firstname' AND v\_surname = '$surname' AND status = 'Unpaid' AND violation\_type = 'Smoking') OR (v\_firstname = '$firstname' AND v\_surname = '$surname' AND status = 'Unpaid' AND violation\_type = 'Other')");

$stmt->execute();

while ($row = $stmt->fetch(PDO::FETCH\_ASSOC))

{

$datetime1 = strtotime(date('Y-m-d'));

$datetime2 = strtotime($row['date']);

$interval = ($datetime1 - $datetime2)/86400;

if ($interval < 7){ //if within a week

//new row

echo "<div class='row'>";

echo "<input type='radio' name='expand'>";

//print information into cells

echo "<span class='cell primary' data-label='ID'>" . $row['violation\_id'] . "</span>";

echo "<span class='cell' data-label='Date'>" . $row['date'] . "</span>";

echo "<span class='cell' data-label='Time'>" . $row['time'] . "</span>";

echo "<span class='cell' data-label='First name'>" . $row['description'] . "</span>";

echo "<span class='cell' data-label='Last Name'>" . $row['v\_department'] . "</span>";

echo "<span class='cell' data-label='Description'>" . $row['v\_supervisor'] . "</span>";

echo "<span class='cell' data-label='Department'>" . $row['place'] . "</span>";

echo "<span class='cell' data-label='Supervisor'>" . $row['violation\_type'] . "</span>";

$counter = $row['violation\_id']; //change counter variable to current violation\_id

//create button that submits form according to violation\_id of current row (counter)

echo "<span class='cellButton'>" . "<form method=\"post\" action=\"readviolation.php\">" . "<input type=\"hidden\" name=\"id\" value=\"$counter\">" . "<input type=\"submit\" name=\"approve\" value=\"Pay\">" . "</form>" . "</span>";

echo "</div>";

}

}

echo "</div>"; //close table

}

//if data null

else{

echo "<h1>No Records</h1>";

}

}

else{

echo "<h1>No Records</h1>";

}

}//try/catch connection

catch(PDOException $e) {

echo "Error: " . $e->getMessage();

}

$conn = null; //end connection

?>

<br>

<div id='captionHead'>Outstanding Violations</div>

<div class='caption'>Parking</div>

<?php

$servername = "localhost";

$username = "anchorco\_admin";

$password = "password";

$dbname = "anchorco\_ifb299";

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

$surname = $\_SESSION['surname'];

//try retrieving data from violations where status is unpaid and type parking

try {

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

$stmt = $conn->prepare("SELECT \* FROM violations WHERE v\_firstname = '$firstname' AND v\_surname = '$surname' AND status = 'Unpaid' AND violation\_type = 'Parking'");

$stmt->execute();

//if data not null

if ($data = $stmt->fetch()){

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

$stmt = $conn->prepare("SELECT violation\_id, date, time, description, vehicle\_type, license FROM violations WHERE v\_firstname = '$firstname' AND v\_surname = '$surname' AND status = 'Unpaid' AND violation\_type = 'Parking'");

$stmt->execute();

$empty = true;

//check that violation is 'outstanding'

while ($row = $stmt->fetch(PDO::FETCH\_ASSOC))

{

$datetime1 = strtotime(date('Y-m-d'));

$datetime2 = strtotime($row['date']);

$interval = ($datetime1 - $datetime2)/86400;

if ($interval > 6){ //if outside a week

$empty = false;

}

}

//if there is an unpaid,parking violation that is outstanding

if (!$empty){

//new table, echo headings

echo "<div id='table'>";

echo "<div class='header-row row'>

<span class='cell primary'>ID</span>

<span class='cell'>Date</span>

<span class='cell'>Time</span>

<span class='cell'>Description</span>

<span class='cell'>Vehicle Type</span>

<span class='cell'>License</span>

</div>";

//open pdo to database

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

//that selects appropriate fields from violations table where status is unpaid and type parking

$stmt = $conn->prepare("SELECT violation\_id, date, time, description, vehicle\_type, license FROM violations WHERE v\_firstname = '$firstname' AND v\_surname = '$surname' AND status = 'Unpaid' AND violation\_type = 'Parking'");

$stmt->execute();

while ($row = $stmt->fetch(PDO::FETCH\_ASSOC))

{

$datetime1 = strtotime(date('Y-m-d'));

$datetime2 = strtotime($row['date']);

$interval = ($datetime1 - $datetime2)/86400;

if ($interval > 6){ //if outside a week

//new row

echo "<div class='row'>";

echo "<input type='radio' name='expand'>";

//print information into cells

echo "<span class='cell primary' data-label='ID'>" . $row['violation\_id'] . "</span>";

echo "<span class='cell' data-label='Date'>" . $row['date'] . "</span>";

echo "<span class='cell' data-label='Time'>" . $row['time'] . "</span>";

echo "<span class='cell' data-label='Description'>" . $row['description'] . "</span>";

echo "<span class='cell' data-label='Vehicle Type'>" . $row['vehicle\_type'] . "</span>";

echo "<span class='cell' data-label='License'>" . $row['license'] . "</span>";

$counter = $row['violation\_id']; //change counter variable to current violation\_id

//create button that submits form according to violation\_id of current row (counter)

echo "<span class='cellButton>" . "<form method=\"post\" action=\"readviolation.php\">" . "<input type=\"hidden\" name=\"id\" value=\"$counter\">" . "<input type=\"submit\" name=\"approve\" value=\"Pay\">" . "</form>" . "</span>";

echo "</div>";

}

}

echo "</div>"; //end table

}

//if data null

else{

echo "<h1>No Records</h1>";

}

}

else{

echo "<h1>No Records</h1>";

}

}//try/catch exception

catch(PDOException $e) {

echo "Error: " . $e->getMessage();

}

$conn = null; //end connection

?>

<br>

<div class='caption'>Non-parking</div>

<?php

$servername = "localhost";

$username = "anchorco\_admin";

$password = "password";

$dbname = "anchorco\_ifb299";

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

$surname = $\_SESSION['surname'];

//try retrieving data from violations where status is unpaid and type smoking/other

try {

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

$stmt = $conn->prepare("SELECT \* FROM violations WHERE (v\_firstname = '$firstname' AND v\_surname = '$surname' AND status = 'Unpaid' AND violation\_type = 'Smoking') OR (v\_firstname = '$firstname' AND v\_surname = '$surname' AND status = 'Unpaid' AND violation\_type = 'Other')");

$stmt->execute();

if ($data = $stmt->fetch()){

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

$stmt = $conn->prepare("SELECT violation\_id, date, time, description, v\_department, v\_supervisor, place, violation\_type FROM violations WHERE (v\_firstname = '$firstname' AND v\_surname = '$surname' AND status = 'Unpaid' AND violation\_type = 'Smoking') OR (v\_firstname = '$firstname' AND v\_surname = '$surname' AND status = 'Unpaid' AND violation\_type = 'Other')");

$stmt->execute();

$empty = true;

//check that violation is 'outstanding'

while ($row = $stmt->fetch(PDO::FETCH\_ASSOC))

{

$datetime1 = strtotime(date('Y-m-d'));

$datetime2 = strtotime($row['date']);

$interval = ($datetime1 - $datetime2)/86400;

if ($interval > 6){ //if outside a week

$empty = false;

}

}

//if there is an unpaid,smoking/other violation that is outstanding

if (!$empty){

//create table, echo headings

echo "<div id='table'>";

echo "<div class='header-row row'>

<span class='cell primary'>ID</span>

<span class='cell'>Date</span>

<span class='cell'>Time</span>

<span class='cell'>Description</span>

<span class='cell'>Department</span>

<span class='cell'>Supervisor</span>

<span class='cell'>Place</span>

<span class='cell'>Violation Type</span>

<span class='cell'></span>

</div>";

//open pdo to database

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

//that selects appropriate fields from violations table where status is unpaid and type smoking/other

$stmt = $conn->prepare("SELECT violation\_id, date, time, description, v\_department, v\_supervisor, place, violation\_type FROM violations WHERE (v\_firstname = '$firstname' AND v\_surname = '$surname' AND status = 'Unpaid' AND violation\_type = 'Smoking') OR (v\_firstname = '$firstname' AND v\_surname = '$surname' AND status = 'Unpaid' AND violation\_type = 'Other')");

$stmt->execute();

while ($row = $stmt->fetch(PDO::FETCH\_ASSOC))

{

$datetime1 = strtotime(date('Y-m-d'));

$datetime2 = strtotime($row['date']);

$interval = ($datetime1 - $datetime2)/86400;

if ($interval > 6){ //if outside a week

//new row

echo "<div class='row'>";

echo "<input type='radio' name='expand'>";

//print information into cells

echo "<span class='cell primary' data-label='ID'>" . $row['violation\_id'] . "</span>";

echo "<span class='cell' data-label='Date'>" . $row['date'] . "</span>";

echo "<span class='cell' data-label='Time'>" . $row['time'] . "</span>";

echo "<span class='cell' data-label='First name'>" . $row['description'] . "</span>";

echo "<span class='cell' data-label='Last Name'>" . $row['v\_department'] . "</span>";

echo "<span class='cell' data-label='Description'>" . $row['v\_supervisor'] . "</span>";

echo "<span class='cell' data-label='Department'>" . $row['place'] . "</span>";

echo "<span class='cell' data-label='Supervisor'>" . $row['violation\_type'] . "</span>";

$counter = $row['violation\_id']; //change counter variable to current violation\_id

//create button that submits form according to violation\_id of current row (counter)

echo "<span class='cellButton'>" . "<form method=\"post\" action=\"readviolation.php\">" . "<input type=\"hidden\" name=\"id\" value=\"$counter\">" . "<input type=\"submit\" name=\"approve\" value=\"Pay\">" . "</form>" . "</span>";

echo "</div>";

}

}

echo "</div>"; //end table

}

//if data null

else{

echo "<h1>No Records</h1>";

}

}

else{

echo "<h1>No Records</h1>";

}

}//try/catch exception

catch(PDOException $e) {

echo "Error: " . $e->getMessage();

}

$conn = null; //end connection

?>

<br>

<div id='captionHead'>Paid Violations</div>

<div class='caption'>Parking</div>

<?php

$servername = "localhost";

$username = "anchorco\_admin";

$password = "password";

$dbname = "anchorco\_ifb299";

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

$surname = $\_SESSION['surname'];

//try retrieving data from violations where status is paid and type parking

try {

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

$stmt = $conn->prepare("SELECT \* FROM violations WHERE v\_firstname = '$firstname' AND v\_surname = '$surname' AND status = 'Paid' AND violation\_type = 'Parking'");

$stmt->execute();

//if data not null

if ($data = $stmt->fetch()){

//create table, echo headings

echo "<div id='table'>";

echo "<div class='header-row row'>

<span class='cell primary'>Date</span>

<span class='cell'>Time</span>

<span class='cell'>Description</span>

<span class='cell'>Vehicle Type</span>

<span class='cell'>License</span>

</div>";

//open pdo to database

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

//that selects appropriate fields from violations table where status is paid and type parking

$stmt = $conn->prepare("SELECT date, time, description, vehicle\_type, license FROM violations WHERE v\_firstname = '$firstname' AND v\_surname = '$surname' AND status = 'Paid' AND violation\_type = 'Parking'");

$stmt->execute();

while ($row = $stmt->fetch(PDO::FETCH\_ASSOC))

{

//new row

echo "<div class='row'>";

echo "<input type='radio' name='expand'>";

//print information into cells

echo "<span class='cell primary' data-label='Date'>" . $row['date'] . "</span>";

echo "<span class='cell' data-label='Time'>" . $row['time'] . "</span>";

echo "<span class='cell' data-label='Description'>" . $row['description'] . "</span>";

echo "<span class='cell' data-label='Vehicle Type'>" . $row['vehicle\_type'] . "</span>";

echo "<span class='cell' data-label='License'>" . $row['license'] . "</span>";

echo "</div>";

}

echo "</div>"; //end table

}

//if data null

else{

echo "<h1>No Records</h1>";

}

}//try/catch exception

catch(PDOException $e) {

echo "Error: " . $e->getMessage();

}

$conn = null; //end connection

?>

<br>

<div class='caption'>Non-parking</div>

<?php

$servername = "localhost";

$username = "anchorco\_admin";

$password = "password";

$dbname = "anchorco\_ifb299";

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

$surname = $\_SESSION['surname'];

//try retrieving data from violations where status is paid and type smoking/other

try {

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

$stmt = $conn->prepare("SELECT \* FROM violations WHERE (v\_firstname = '$firstname' AND v\_surname = '$surname' AND status = 'Paid' AND violation\_type = 'Smoking') OR (v\_firstname = '$firstname' AND v\_surname = '$surname' AND status = 'Paid' AND violation\_type = 'Other')");

$stmt->execute();

//if data not null

if ($data = $stmt->fetch()){

//create table, echo headings

echo "<div id='table'>";

echo "<div class='header-row row'>

<span class='cell primary'>Date</span>

<span class='cell'>Time</span>

<span class='cell'>Description</span>

<span class='cell'>Department</span>

<span class='cell'>Supervisor</span>

<span class='cell'>Place</span>

<span class='cell'>Violation</span>

</div>";

//open pdo connection to database

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

//that selects appropriate fields from violations table where status is paid and type smoking/other

$stmt = $conn->prepare("SELECT date, time, description, v\_department, v\_supervisor, place, violation\_type FROM violations WHERE (v\_firstname = '$firstname' AND v\_surname = '$surname' AND status = 'Paid' AND violation\_type = 'Smoking') OR (v\_firstname = '$firstname' AND v\_surname = '$surname' AND status = 'Paid' AND violation\_type = 'Other')");

$stmt->execute();

while ($row = $stmt->fetch(PDO::FETCH\_ASSOC))

{

//new row

echo "<div class='row'>";

echo "<input type='radio' name='expand'>";

//print information into cells

echo "<span class='cell primary' data-label='Date'>" . $row['date'] . "</span>";

echo "<span class='cell' data-label='Time'>" . $row['time'] . "</span>";

echo "<span class='cell' data-label='Description'>" . $row['description'] . "</span>";

echo "<span class='cell' data-label='Department'>" . $row['v\_department'] . "</span>";

echo "<span class='cell' data-label='Supervisor'>" . $row['v\_supervisor'] . "</span>";

echo "<span class='cell' data-label='Place'>" . $row['place'] . "</span>";

echo "<span class='cell' data-label='Violation'>" . $row['violation\_type'] . "</span>";

echo "</div>";

}

echo "</div>"; //end table

}

//if data null

else{

echo "<h1>No Records</h1>";

}

}//try/catch exception

catch(PDOException $e) {

echo "Error: " . $e->getMessage();

}

$conn = null; //end connection

?>

<br>

</div>

</body>

</html>

# writepermits.php

<?php

//IF PERMIT IS PRINTED

if (isset($\_GET['edit']))

{

$id = $\_GET["id"];

//REROUTE TO APPROPRIATE HOME

header("Location: http://{$\_SERVER['HTTP\_HOST']}/printpermits.php");

exit();

}

//IF PERMIT IS APPROVED

if (isset($\_POST['approve']))

{

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

$status = "Approved";

$pdo = new PDO('mysql:host=localhost;dbname=anchorco\_ifb299', anchorco\_admin, password);

$sql = "UPDATE permits SET status=:status WHERE permit\_id=:id";

$query = $pdo->prepare($sql);

//update status to approved

$query->bindValue(":status", $status);

$query->bindValue(":id", $id);

$result = $query->execute();

/\*\*\*\*\*EMAIL\*\*\*\*\*/

/\*\*EMAIL TO PERMIT HOLDER\*\*/

//GET NAME

try {

$pdo = new PDO('mysql:host=localhost;dbname=anchorco\_ifb299', anchorco\_admin, password);

$query = $pdo->prepare("SELECT surname FROM permits WHERE permit\_id='$id'");

$query->bindValue(':permit\_id', $id);

$query->execute();

$surname = $query->fetchColumn(); //set $surname

}

catch(PDOException $e) {

echo "Error: " . $e->getMessage();

}

$conn = null;

//GET EMAIL

try {

$pdo = new PDO('mysql:host=localhost;dbname=anchorco\_ifb299', anchorco\_admin, password);

$query = $pdo->prepare("SELECT email FROM users WHERE surname = '$surname'");

$query->bindValue(':firstname', $v\_firstname);

$query->bindValue(':surname', $v\_surname);

$query->execute();

$email = $query->fetchColumn(); //set $email

}

catch(PDOException $e) {

echo "Error: " . $e->getMessage();

}

$conn = null;

//Email information

$subject = "Notification - Parking Permit Approval";

$comment = "Your parking permit has been approved by Atmiya College’s Health and Safety department.

As a permit owner, you are required to affix your permit to the windshield of your vehicle. In the case of four wheels, this will be on the lower corner on the driver side. In the case of two wheelers, the permit owner is required to affix the permit in the front of the vehicle.

Please log in to your account to access a print-friendly version of your approved permit.";

$header = "From: healthandsafetydpt@anchorcollege.x10host.com";

mail($email, $subject, $comment, $header); //Send email

//REROUTE TO APPROPRIATE HOME

header("Location: http://{$\_SERVER['HTTP\_HOST']}/writepermits.php?submitsuccess=true");

exit();

}

//IF PERMIT IS DENIED

if (isset($\_POST['deny']))

{

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

$status = "Denied";

$pdo = new PDO('mysql:host=localhost;dbname=anchorco\_ifb299', anchorco\_admin, password);

$sql = "UPDATE permits SET status=:status WHERE permit\_id=:id";

$query = $pdo->prepare($sql);

//update status to denied

$query->bindValue(":status", $status);

$query->bindValue(":id", $id);

$result = $query->execute();

//REROUTE TO APPROPRIATE HOME

header("Location: http://{$\_SERVER['HTTP\_HOST']}/writepermits.php?submitsuccess=true");

exit();

}

?>

<html>

<head>

<meta charset="utf-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<title>Parking skeleon</title>

<meta name="description" content="Index screen">

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

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

</head>

<body>

<?php

if (isset($\_GET['submitsuccess'])){

$id = $\_GET["id"];

$status = $\_GET["status"];

echo $status . $id;

echo "<div id='captionSuccess'>Form submission successful</div>>";

}

?>

<div id="header">

<img src="pics/logo.png" alt="Anchor parking and fine management">

</div>

<div id='nav'>

<ul>

<li><a href="index.php?home=true">Home</a></li>

<li><a href="index.php?signout=true">Log Out</a></li>

</ul>

</div>

<div id='captionHead'>Permits Database</div>

<div id="container">

<?php

session\_start();

//print\_r($\_SESSION);

?>

<div class='caption'>Pending Permits</div>

<?php

$servername = "localhost";

$username = "anchorco\_admin";

$password = "password";

$dbname = "anchorco\_ifb299";

//try retrieving data from permits where status is pending

try {

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

$stmt = $conn->prepare("SELECT \* FROM permits WHERE status = 'Pending'");

$stmt->execute();

//if data is not null

if ($data = $stmt->fetch()){

//new table, echo headings

echo "<div id='table'>";

echo "<div class='header-row row'>

<span class='cell primary'>ID</span>

<span class='cell'>First Name</span>

<span class='cell'>Surname</span>

<span class='cell'>Email</span>

<span class='cell'>Mobile</span>

<span class='cell'>Department</span>

<span class='cell'>Duration</span>

<span class='cell'>Start Date</span>

<span class='cell'>End Date</span>

<span class='cell'>Vehicle Type</span>

<span class='cell'></span>

<span class='cell'></span>

</div>";

//open pdo to database

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

//that selects appropriate fields from permits table where status is pending

$stmt = $conn->prepare("SELECT permit\_id, firstname, surname, email, mobile, department, duration, start\_date, end\_date, vehicle\_type FROM permits WHERE status = 'Pending'");

$stmt->execute();

while ($row = $stmt->fetch(PDO::FETCH\_ASSOC))

{

//new row

echo "<div class='row'>";

echo "<input type='radio' name='expand'>";

//print information in cells

echo "<span class='cell primary' data-label='ID'>" . $row['permit\_id'] . "</span>";

echo "<span class='cell' data-label='First name'>" . $row['firstname'] . "</span>";

echo "<span class='cell' data-label='Surname'>" . $row['surname'] . "</span>";

echo "<span class='cell' data-label='Email'>" . $row['email'] . "</span>";

echo "<span class='cell' data-label='Mobile'>" . $row['mobile'] . "</span>";

echo "<span class='cell' data-label='Department'>" . $row['department'] . "</span>";

echo "<span class='cell' data-label='Duration'>" . $row['duration'] . "</span>";

echo "<span class='cell' data-label='Start Date'>" . $row['start\_date'] . "</span>";

echo "<span class='cell' data-label='End Date'>" . $row['end\_date'] . "</span>";

echo "<span class='cell' data-label='Vehicle Type'>" . $row['vehicle\_type'] . "</span>";

$counter = $row['permit\_id']; //change counter ot current permit\_id

//create button that submits form according to permit\_id of current row (counter)

echo "<span class='cellButton'>" . "<form method=\"post\" action=\"writepermits.php\">" . "<input type=\"hidden\" name=\"id\" value=\"$counter\">" . "<input type=\"submit\" name=\"approve\" value=\"Approve\">" . "</form>" . "</span>";

echo "<span class='cellButton'>" . "<form method=\"post\" action=\"writepermits.php\">" . "<input type=\"hidden\" name=\"id\" value=\"$counter\">" . "<input type=\"submit\" name=\"deny\" value=\"Deny\">" . "</form>" . "</span>";

echo "</div>";

}

echo "</div>"; //end table

}

//if data null

else{

echo "None";

}

}//try/catch exception

catch(PDOException $e) {

echo "Error: " . $e->getMessage();

}

$conn = null; //close connection

?>

<br>

<div class='caption'>Approved Permits</div>

<?php

$servername = "localhost";

$username = "anchorco\_admin";

$password = "password";

$dbname = "anchorco\_ifb299";

//try retrieving data from permits where status is approved

try {

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

$stmt = $conn->prepare("SELECT \* FROM permits WHERE status = 'Approved'");

$stmt->execute();

//if data not null

if ($data = $stmt->fetch()){

//create table, echo headings

echo "<div id='table'>";

echo "<div class='header-row row'><span class='cell primary'>ID</span><span class='cell'>First Name</span><span class='cell'>Surname</span><span class='cell'>Email</span><span class='cell'>Mobile</span><span class='cell'>Department</span><span class='cell'>Duration</span><span class='cell'>Start Date</span><span class='cell'>End Date</span><span class='cell'>Vehicle Type</span><span class='cell'></span><span class='cell'></span></div>";

//open pdo to database

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

//that selects appropriate fields from permits table where status is approved

$stmt = $conn->prepare("SELECT permit\_id, firstname, surname, email, mobile, department, duration, start\_date, end\_date, vehicle\_type FROM permits WHERE status = 'Approved'");

$stmt->execute();

while ($row = $stmt->fetch(PDO::FETCH\_ASSOC))

{

//new row

echo "<div class='row'>";

echo "<input type='radio' name='expand'>";

//print information in cells

echo "<span class='cell primary' data-label='ID'>" . $row['permit\_id'] . "</span>";

echo "<span class='cell' data-label='First name'>" . $row['firstname'] . "</span>";

echo "<span class='cell' data-label='Surname'>" . $row['surname'] . "</span>";

echo "<span class='cell' data-label='Email'>" . $row['email'] . "</span>";

echo "<span class='cell' data-label='Mobile'>" . $row['mobile'] . "</span>";

echo "<span class='cell' data-label='Department'>" . $row['department'] . "</span>";

echo "<span class='cell' data-label='Duration'>" . $row['duration'] . "</span>";

echo "<span class='cell' data-label='Start Date'>" . $row['start\_date'] . "</span>";

echo "<span class='cell' data-label='End Date'>" . $row['end\_date'] . "</span>";

echo "<span class='cell' data-label='Vehicle Type'>" . $row['vehicle\_type'] . "</span>";

$counter = $row['permit\_id']; //change counter variable to current permit\_id

//create button that submits form according to permit\_id of current row (counter)

echo "<span class='cellButton' data-label='Print'>" . "<form method=\"get\" action=\"printpermits.php\">" . "<input type=\"hidden\" name=\"id\" value=\"$counter\">" . "<input type=\"submit\" name=\"Print\" value=\"Print\">" . "</form>" . "</span>";

echo "</div>";

}

echo "</div>"; //end table

}

//if data null

else{

echo "None";

}

}//try/catch exception

catch(PDOException $e) {

echo "Error: " . $e->getMessage();

}

$conn = null; //close connection

?>

<br>

<div class='caption'>Denied Permits</div>

<?php

$servername = "localhost";

$username = "anchorco\_admin";

$password = "password";

$dbname = "anchorco\_ifb299";

//try retrieving data from permits where status is denied

try {

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

$stmt = $conn->prepare("SELECT \* FROM permits WHERE status = 'Denied'");

$stmt->execute();

//if data is not null

if ($data = $stmt->fetch()){

//new table, echo headings

echo "<div id='table'>";

echo "<div class='header-row row'><span class='cell primary'>ID</span><span class='cell'>First Name</span><span class='cell'>Surname</span><span class='cell'>Email</span><span class='cell'>Mobile</span><span class='cell'>Department</span><span class='cell'>Duration</span><span class='cell'>Start Date</span><span class='cell'>End Date</span><span class='cell'>Vehicle Type</span><span class='cell'></span><span class='cell'></span></div>";

//open pdo to database

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

//that selects appropriate fields from permits table where status is denied

$stmt = $conn->prepare("SELECT permit\_id, firstname, surname, email, mobile, department, duration, start\_date, end\_date, vehicle\_type FROM permits WHERE status = 'Denied'");

$stmt->execute();

while ($row = $stmt->fetch(PDO::FETCH\_ASSOC))

{

//new row

echo "<div class='row'>";

echo "<input type='radio' name='expand'>";

//print information in cells

echo "<span class='cell primary' data-label='ID'>" . $row['permit\_id'] . "</span>";

echo "<span class='cell' data-label='First name'>" . $row['firstname'] . "</span>";

echo "<span class='cell' data-label='Surname'>" . $row['surname'] . "</span>";

echo "<span class='cell' data-label='Email'>" . $row['email'] . "</span>";

echo "<span class='cell' data-label='Mobile'>" . $row['mobile'] . "</span>";

echo "<span class='cell' data-label='Department'>" . $row['department'] . "</span>";

echo "<span class='cell' data-label='Duration'>" . $row['duration'] . "</span>";

echo "<span class='cell' data-label='Start Date'>" . $row['start\_date'] . "</span>";

echo "<span class='cell' data-label='End Date'>" . $row['end\_date'] . "</span>";

echo "<span class='cell' data-label='Vehicle Type'>" . $row['vehicle\_type'] . "</span>";

echo "</div>";

}

echo "</div>"; //end table

}

//if data null

else{

echo "None";

}

}//try/catch exception

catch(PDOException $e) {

echo "Error: " . $e->getMessage();

}

$conn = null; //close connection

?>

<br>

</div>

</body>

</html>

# writeviolation.php

<html>

<head>

<meta charset="utf-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<title>Parking skeleon</title>

<meta name="description" content="Index screen">

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

</head>

<body>

<?php

if (isset($\_GET['submitsuccess'])){

echo "<div id='captionSuccess'>Form submission successful</div>>";

}

?>

<div id="header">

<img src="pics/logo.png" alt="Anchor parking and fine management">

</div>

<div id='nav'>

<ul>

<li><a href="index.php?home=true">Home</a></li>

<li><a href="index.php?signout=true">Log Out</a></li>

</ul>

</div>

<div id="container">

<div id='captionHead'>Unpaid Violations</div>

<div class='caption'>Parking</div>

<?php

$servername = "localhost";

$username = "anchorco\_admin";

$password = "password";

$dbname = "anchorco\_ifb299";

//try retrieving data from violations where status is unpaid and type is parking

try {

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

$stmt = $conn->prepare("SELECT \* FROM violations WHERE status = 'Unpaid' AND violation\_type = 'Parking'");

$stmt->execute();

//if data is not null

if ($data = $stmt->fetch()){

//start table, echo headings

echo "<div id='table'>";

echo "<div class='header-row row'>

<span class='cell primary'>ID</span>

<span class='cell'>Date</span>

<span class='cell'>Time</span>

<span class='cell'>First Name</span>

<span class='cell'>Last Name</span>

<span class='cell'>Description</span>

<span class='cell'>Vehicle Type</span>

<span class='cell'>License</span>

<span class='cell'></span>

</div>";

//open pdo with database

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

//that selects appropriate data fields where status is unpaid and violation type parking

$stmt = $conn->prepare("SELECT violation\_id, date, time, v\_firstname, v\_surname, description, vehicle\_type, license FROM violations WHERE status = 'Unpaid' AND violation\_type = 'Parking'");

$stmt->execute();

while ($row = $stmt->fetch(PDO::FETCH\_ASSOC))

{

//new row

echo "<div class='row'>";

echo "<input type='radio' name='expand'>";

//print out information in cells

echo "<span class='cell primary' data-label='ID'>" . $row['violation\_id'] . "</span>";

echo "<span class='cell' data-label='Date'>" . $row['date'] . "</span>";

echo "<span class='cell' data-label='Time'>" . $row['time'] . "</span>";

echo "<span class='cell' data-label='First name'>" . $row['v\_firstname'] . "</span>";

echo "<span class='cell' data-label='Last Name'>" . $row['v\_surname'] . "</span>";

echo "<span class='cell' data-label='Description'>" . $row['description'] . "</span>";

echo "<span class='cell' data-label='Vehicle Type'>" . $row['vehicle\_type'] . "</span>";

echo "<span class='cell' data-label='License'>" . $row['license'] . "</span>";

$counter = $row['violation\_id']; //change counter variable to current violation\_id

//create button that submits form according to violation\_id of current row (counter)

echo "<span class='cellButton' data-label='Print'>" . "<form method=\"get\" action=\"printViolation.php\">" . "<input type=\"hidden\" name=\"id\" value=\"$counter\">" . "<input type=\"submit\" name=\"Print\" value=\"Print\">" . "</form>" . "</span>";

echo "</div>";

}

echo "</div>"; //end table

}

//else if data null

else{

echo "<h1>No Records</h1>";

}

}//try/catch exception

catch(PDOException $e) {

echo "Error: " . $e->getMessage();

}

$conn = null; //close connection

?>

<br>

<div class='caption'>Smoking</div>

<?php

$servername = "localhost";

$username = "anchorco\_admin";

$password = "password";

$dbname = "anchorco\_ifb299";

//try retrieving data from violations where status is unpaid and type is smoking

try {

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

$stmt = $conn->prepare("SELECT \* FROM violations WHERE status = 'Unpaid' AND violation\_type = 'Smoking'");

$stmt->execute();

//if data not null

if ($data = $stmt->fetch()){

//start table, echo headings

echo "<div id='table'>";

echo "<div class='header-row row'>

<span class='cell primary'>ID</span>

<span class='cell'>Date</span>

<span class='cell'>Time</span>

<span class='cell'>First Name</span>

<span class='cell'>Last Name</span>

<span class='cell'>Description</span>

<span class='cell'>Department</span>

<span class='cell'>Supervisor</span>

<span class='cell'>Place</span>

<span class='cell'></span>

</div>";

//open pdo to database

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

//that selects appropriate data fields where status is unpaid and violation type smoking

$stmt = $conn->prepare("SELECT violation\_id, date, time, v\_firstname, v\_surname, description, v\_department, v\_supervisor, place FROM violations WHERE status = 'Unpaid' AND violation\_type = 'Smoking'");

$stmt->execute();

while ($row = $stmt->fetch(PDO::FETCH\_ASSOC))

{

//new row, print information in cells

echo "<div class='row'>";

echo "<input type='radio' name='expand'>";

echo "<span class='cell primary' data-label='ID'>" . $row['violation\_id'] . "</span>";

echo "<span class='cell' data-label='Date'>" . $row['date'] . "</span>";

echo "<span class='cell' data-label='Time'>" . $row['time'] . "</span>";

echo "<span class='cell' data-label='First name'>" . $row['v\_firstname'] . "</span>";

echo "<span class='cell' data-label='Last Name'>" . $row['v\_surname'] . "</span>";

echo "<span class='cell' data-label='Description'>" . $row['description'] . "</span>";

echo "<span class='cell' data-label='Department'>" . $row['v\_department'] . "</span>";

echo "<span class='cell' data-label='Supervisor'>" . $row['v\_supervisor'] . "</span>";

echo "<span class='cell' data-label='place'>" . $row['place'] . "</span>";

$counter = $row['violation\_id']; //change counter variable to current violation\_id

//create button that submits form according to violation\_id of current row (counter)

echo "<span class='cellButton' data-label='Print'>" . "<form method=\"get\" action=\"printViolationSmoking.php\">" . "<input type=\"hidden\" name=\"id\" value=\"$counter\">" . "<input type=\"submit\" name=\"Print\" value=\"Print\">" . "</form>" . "</span>";

echo "</div>";

}

echo "</div>"; //end table

}

//else if data null

else{

echo "<h1>No Records</h1>";

}

}//try/catch exception

catch(PDOException $e) {

echo "Error: " . $e->getMessage();

}

$conn = null; //close connection

?>

<br>

<div class='caption'>Other</div>

<?php

$servername = "localhost";

$username = "anchorco\_admin";

$password = "password";

$dbname = "anchorco\_ifb299";

//try retrieving data from violations where status is unpaid and type is other

try {

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

$stmt = $conn->prepare("SELECT \* FROM violations WHERE status = 'Unpaid' AND violation\_type = 'Other'");

$stmt->execute();

//if data not null

if ($data = $stmt->fetch()){

//start table, echo headings

echo "<div id='table'>";

echo "<div class='header-row row'>

<span class='cell primary'>ID</span>

<span class='cell'>Date</span>

<span class='cell'>Time</span>

<span class='cell'>First Name</span>

<span class='cell'>Last Name</span>

<span class='cell'>Description</span>

<span class='cell'>Department</span>

<span class='cell'>Supervisor</span>

<span class='cell'>Place</span>

<span class='cell'></span>

</div>";

//open pdo to database

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

//that selects appropriate data fields where status is unpaid and violation type other

$stmt = $conn->prepare("SELECT violation\_id, date, time, v\_firstname, v\_surname, description, v\_department, v\_supervisor, place FROM violations WHERE status = 'Unpaid' AND violation\_type = 'Other'");

$stmt->execute();

while ($row = $stmt->fetch(PDO::FETCH\_ASSOC))

{

//new row, print information in cells

echo "<div class='row'>";

echo "<input type='radio' name='expand'>";

echo "<span class='cell primary' data-label='ID'>" . $row['violation\_id'] . "</span>";

echo "<span class='cell' data-label='Date'>" . $row['date'] . "</span>";

echo "<span class='cell' data-label='Time'>" . $row['time'] . "</span>";

echo "<span class='cell' data-label='First name'>" . $row['v\_firstname'] . "</span>";

echo "<span class='cell' data-label='Last Name'>" . $row['v\_surname'] . "</span>";

echo "<span class='cell' data-label='Description'>" . $row['description'] . "</span>";

echo "<span class='cell' data-label='Department'>" . $row['v\_department'] . "</span>";

echo "<span class='cell' data-label='Supervisor'>" . $row['v\_supervisor'] . "</span>";

echo "<span class='cell' data-label='place'>" . $row['place'] . "</span>";

$counter = $row['violation\_id']; //change counter variable to current violation\_id

//create button that submits form according to violation\_id of current row (counter)

echo "<span class='cellButton' data-label='Print'>" . "<form method=\"get\" action=\"printViolationOther.php\">" . "<input type=\"hidden\" name=\"id\" value=\"$counter\">" . "<input type=\"submit\" name=\"Print\" value=\"Print\">" . "</form>" . "</span>";

echo "</div>";

}

echo "</div>"; //end table

}

//if data null

else{

echo "<h1>No Records</h1>";

}

} //try/catch exception

catch(PDOException $e) {

echo "Error: " . $e->getMessage();

}

$conn = null; //close connection

?>

<br>

<div id='captionHead'>Paid Violations</div>

<div class='caption'>Parking</div>

<?php

$servername = "localhost";

$username = "anchorco\_admin";

$password = "password";

$dbname = "anchorco\_ifb299";

//try retrieving data from violations where status is paid and type is parking

try {

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

$stmt = $conn->prepare("SELECT \* FROM violations WHERE status = 'Paid' AND violation\_type = 'Parking'");

$stmt->execute();

//if not null

if ($data = $stmt->fetch()){

//start table, echo headings

echo "<div id='table'>";

echo "<div class='header-row row'>

<span class='cell primary'>ID</span>

<span class='cell'>Date</span>

<span class='cell'>Time</span>

<span class='cell'>First Name</span>

<span class='cell'>Last Name</span>

<span class='cell'>Description</span>

<span class='cell'>Vehicle Type</span>

<span class='cell'>License</span>

</div>";

//open pdo to database

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

//that selects appropriate data fields where status is paid and violation type parking

$stmt = $conn->prepare("SELECT violation\_id, date, time, v\_firstname, v\_surname, description, vehicle\_type, license FROM violations WHERE status = 'Paid' AND violation\_type = 'Parking'");

$stmt->execute();

while ($row = $stmt->fetch(PDO::FETCH\_ASSOC))

{

//new row, print information in cells

echo "<div class='row'>";

echo "<input type='radio' name='expand'>";

echo "<span class='cell primary' data-label='ID'>" . $row['violation\_id'] . "</span>";

echo "<span class='cell' data-label='Date'>" . $row['date'] . "</span>";

echo "<span class='cell' data-label='Time'>" . $row['time'] . "</span>";

echo "<span class='cell' data-label='First name'>" . $row['v\_firstname'] . "</span>";

echo "<span class='cell' data-label='Last Name'>" . $row['v\_surname'] . "</span>";

echo "<span class='cell' data-label='Description'>" . $row['description'] . "</span>";

echo "<span class='cell' data-label='Vehicle Type'>" . $row['vehicle\_type'] . "</span>";

echo "<span class='cell' data-label='License'>" . $row['license'] . "</span>";

echo "</div>";

}

echo "</div>";//end table

}

//if data null

else{

echo "<h1>No Records</h1>";

}

}//try/catch exception

catch(PDOException $e) {

echo "Error: " . $e->getMessage();

}

$conn = null; //close connection

?>

<br>

<div class='caption'>Smoking</div>

<?php

$servername = "localhost";

$username = "anchorco\_admin";

$password = "password";

$dbname = "anchorco\_ifb299";

//try retrieving data from violations where status is paid and type is smoking

try {

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

$stmt = $conn->prepare("SELECT \* FROM violations WHERE status = 'Paid' AND violation\_type = 'Smoking'");

$stmt->execute();

//if data not null

if ($data = $stmt->fetch()){

//start table, echo headings

echo "<div id='table'>";

echo "<div class='header-row row'>

<span class='cell primary'>ID</span>

<span class='cell'>Date</span>

<span class='cell'>Time</span>

<span class='cell'>First Name</span>

<span class='cell'>Last Name</span>

<span class='cell'>Description</span>

<span class='cell'>Department</span>

<span class='cell'>Supervisor</span>

<span class='cell'>Place</span>

</div>";

//open new pdo to database

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

//that selects appropriate data fields where status is paid and violation type smoking

$stmt = $conn->prepare("SELECT violation\_id, date, time, v\_firstname, v\_surname, description, v\_department, v\_supervisor, place FROM violations WHERE status = 'Paid' AND violation\_type = 'Smoking'");

$stmt->execute();

while ($row = $stmt->fetch(PDO::FETCH\_ASSOC))

{

//new row, print information in cells

echo "<div class='row'>";

echo "<input type='radio' name='expand'>";

echo "<span class='cell primary' data-label='ID'>" . $row['violation\_id'] . "</span>";

echo "<span class='cell' data-label='Date'>" . $row['date'] . "</span>";

echo "<span class='cell' data-label='Time'>" . $row['time'] . "</span>";

echo "<span class='cell' data-label='First name'>" . $row['v\_firstname'] . "</span>";

echo "<span class='cell' data-label='Last Name'>" . $row['v\_surname'] . "</span>";

echo "<span class='cell' data-label='Description'>" . $row['description'] . "</span>";

echo "<span class='cell' data-label='Department'>" . $row['v\_department'] . "</span>";

echo "<span class='cell' data-label='Supervisor'>" . $row['v\_supervisor'] . "</span>";

echo "<span class='cell' data-label='place'>" . $row['place'] . "</span>";

echo "</div>";

}

echo "</div>"; //end table

}

//if data null

else{

echo "<h1>No Records</h1>";

}

}//try/catch exception

catch(PDOException $e) {

echo "Error: " . $e->getMessage();

}

$conn = null; //end connection

?>

<br>

<div class='caption'>Other</div>

<?php

$servername = "localhost";

$username = "anchorco\_admin";

$password = "password";

$dbname = "anchorco\_ifb299";

//try retrieving data from violations where status is paid and type is other

try {

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

$stmt = $conn->prepare("SELECT \* FROM violations WHERE status = 'Paid' AND violation\_type = 'Other'");

$stmt->execute();

//if data not null

if ($data = $stmt->fetch()){

//start table, echo headings

echo "<div id='table'>";

echo "<div class='header-row row'>

<span class='cell primary'>ID</span>

<span class='cell'>Date</span>

<span class='cell'>Time</span>

<span class='cell'>First Name</span>

<span class='cell'>Last Name</span>

<span class='cell'>Description</span>

<span class='cell'>Department</span>

<span class='cell'>Supervisor</span>

<span class='cell'>Place</span>

</div>";

//open pdo to database

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

//that selects appropriate data fields where status is paid and violation type other

$stmt = $conn->prepare("SELECT violation\_id, date, time, v\_firstname, v\_surname, description, v\_department, v\_supervisor, place FROM violations WHERE status = 'Paid' AND violation\_type = 'Other'");

$stmt->execute();

while ($row = $stmt->fetch(PDO::FETCH\_ASSOC))

{

//new row, print information in cells

echo "<div class='row'>";

echo "<input type='radio' name='expand'>";

echo "<span class='cell primary' data-label='ID'>" . $row['violation\_id'] . "</span>";

echo "<span class='cell' data-label='Date'>" . $row['date'] . "</span>";

echo "<span class='cell' data-label='Time'>" . $row['time'] . "</span>";

echo "<span class='cell' data-label='First name'>" . $row['v\_firstname'] . "</span>";

echo "<span class='cell' data-label='Last Name'>" . $row['v\_surname'] . "</span>";

echo "<span class='cell' data-label='Description'>" . $row['description'] . "</span>";

echo "<span class='cell' data-label='Department'>" . $row['v\_department'] . "</span>";

echo "<span class='cell' data-label='Supervisor'>" . $row['v\_supervisor'] . "</span>";

echo "<span class='cell' data-label='place'>" . $row['place'] . "</span>";

echo "</div>";

}

echo "</div>"; //end table

}

//if data null

else{

echo "<h1>No Records</h1>";

}

}//try/catch exception

catch(PDOException $e) {

echo "Error: " . $e->getMessage();

}

$conn = null; //close connection

?>

</div>

</body>

</html>

# writereports.php

<?php

if (isset($\_GET['edit']))

{

$id = $\_GET["id"];

//REROUTE TO APPROPRIATE HOME

header("Location: http://{$\_SERVER['HTTP\_HOST']}/editreports.php");

exit();

}

?><html>

<head>

<meta charset="utf-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<title>Parking skeleon</title>

<meta name="description" content="Index screen">

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

</head>

<body>

<?php

if (isset($\_GET['submitsuccess'])){

echo "<div id='captionSuccess'>Form submission successful</div>>";

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

}

?>

<div id="header">

<img src="pics/logo.png" alt="Anchor parking and fine management">

</div>

<div id='nav'>

<ul>

<li><a href="index.php?home=true">Home</a></li>

<li><a href="index.php?signout=true">Log Out</a></li>

</ul>

</div>

<div id='captionHead'>Health & Safety Reports Database</div>

<div id="container">

<?php

session\_start();

//print\_r($\_SESSION);

?>

<div class='caption'>Unresolved Reports</div>

<?php

$servername = "localhost";

$username = "anchorco\_admin";

$password = "password";

$dbname = "anchorco\_ifb299";

//try retrieving data from health where status is unresolved

try {

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

$stmt = $conn->prepare("SELECT \* FROM health WHERE status = 'Unresolved'");

$stmt->execute();

//if data not null

if ($data = $stmt->fetch()){

//new table, echo headings

echo "<div id='table'>";

echo "<div class='header-row row'>

<span class='cell primary'>ID</span>

<span class='cell'>First Name</span>

<span class='cell'>Surname</span>

<span class='cell'>Start Date</span>

<span class='cell'>Start Time</span>

<span class='cell'>Department</span>

<span class='cell'>Description</span>

<span class='cell'>End Date</span>

<span class='cell'>End Time</span>

<span class='cell'>Resolution</span>

<span class='cell'></span>

</div>";

//new pdo to database

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

//that selects appropriate fields from health table where status is unresolved

$stmt = $conn->prepare("SELECT health\_id, firstname, surname, start\_date, start\_time, department, description, end\_date, end\_time, resolution FROM health WHERE status = 'Unresolved'");

$stmt->execute();

while ($row = $stmt->fetch(PDO::FETCH\_ASSOC))

{

//new row, print information in cells

echo "<div class='row'>";

echo "<input type='radio' name='expand'>";

echo "<span class='cell primary' data-label='ID'>" . $row['health\_id'] . "</span>";

echo "<span class='cell' data-label='First name'>" . $row['firstname'] . "</span>";

echo "<span class='cell' data-label='Surname'>" . $row['surname'] . "</span>";

echo "<span class='cell' data-label='Email'>" . $row['start\_date'] . "</span>";

echo "<span class='cell' data-label='Mobile'>" . $row['start\_time'] . "</span>";

echo "<span class='cell' data-label='Department'>" . $row['department'] . "</span>";

echo "<span class='cell' data-label='Duration'>" . $row['description'] . "</span>";

echo "<span class='cell' data-label='Start Date'>" . $row['end\_date'] . "</span>";

echo "<span class='cell' data-label='End Date'>" . $row['end\_time'] . "</span>";

echo "<span class='cell' data-label='Vehicle Type'>" . $row['resolution'] . "</span>";

$counter = $row['health\_id']; //change counter variable to current health\_id

//create button that submits form according to health\_id of current row (counter)

echo "<span class='cellButton'>" . "<form method=\"get\" action=\"editreports.php\">" . "<input type=\"hidden\" name=\"id\" value=\"$counter\">" . "<input type=\"submit\" name=\"edit\" value=\"Edit\">" . "</form>" . "</span>";

echo "</div>";

}

echo "</div>"; //close table

}

//if data null

else{

echo "None";

}

}//try/catch exception

catch(PDOException $e) {

echo "Error: " . $e->getMessage();

}

$conn = null; //end connection

?>

<br>

<div class='caption'>Resolved Reports</div>

<?php

$servername = "localhost";

$username = "anchorco\_admin";

$password = "password";

$dbname = "anchorco\_ifb299";

//try retrieving data from health where status is resolved

try {

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

$stmt = $conn->prepare("SELECT \* FROM health WHERE status = 'Resolved'");

$stmt->execute();

//if data not null

if ($data = $stmt->fetch()){

//new table, echo headings

echo "<div id='table'>";

echo "<div class='header-row row'>

<span class='cell primary'>ID</span>

<span class='cell'>First Name</span>

<span class='cell'>Surname</span>

<span class='cell'>Start Date</span>

<span class='cell'>Start Time</span>

<span class='cell'>Department</span>

<span class='cell'>Description</span>

<span class='cell'>End Date</span>

<span class='cell'>End Time</span>

<span class='cell'>Resolution</span>

</div>";

//open pdo to database

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

//that selects appropriate fields from health table where status is resolved

$stmt = $conn->prepare("SELECT health\_id, firstname, surname, start\_date, start\_time, department, description, end\_date, end\_time, resolution FROM health WHERE status = 'Resolved'");

$stmt->execute();

while ($row = $stmt->fetch(PDO::FETCH\_ASSOC))

{

//new row

echo "<div class='row'>";

echo "<input type='radio' name='expand'>";

//print information in cells

echo "<span class='cell primary' data-label='ID'>" . $row['health\_id'] . "</span>";

echo "<span class='cell' data-label='First name'>" . $row['firstname'] . "</span>";

echo "<span class='cell' data-label='Surname'>" . $row['surname'] . "</span>";

echo "<span class='cell' data-label='Email'>" . $row['start\_date'] . "</span>";

echo "<span class='cell' data-label='Mobile'>" . $row['start\_time'] . "</span>";

echo "<span class='cell' data-label='Department'>" . $row['department'] . "</span>";

echo "<span class='cell' data-label='Duration'>" . $row['description'] . "</span>";

echo "<span class='cell' data-label='Start Date'>" . $row['end\_date'] . "</span>";

echo "<span class='cell' data-label='End Date'>" . $row['end\_time'] . "</span>";

echo "<span class='cell' data-label='Vehicle Type'>" . $row['resolution'] . "</span>";

echo "</div>";

}

echo "</div>"; //end table

}

//if data null

else{

echo "None";

}

}//try/catch exception

catch(PDOException $e) {

echo "Error: " . $e->getMessage();

}

$conn = null; //close connection

?>

<br>

</div>

</body>

</html>

# editreports.php

<?php

//if form is submitted

if (isset($\_POST['Submit']))

{

//assign variables according to $\_SESSION['id'] and posted variables from form

session\_start();

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

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

$surname=$\_POST['Last'];

$start\_time=$\_POST['time'];

$start\_date=$\_POST['date'];

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

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

$end\_time=$\_POST['endtime'];

$end\_date=$\_POST['enddate'];

$resolution=$\_POST['res'];

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

//pdo query to database to update details of report with information user submitted

$pdo = new PDO('mysql:host=localhost;dbname=anchorco\_ifb299', anchorco\_admin, password);

$sql = "UPDATE health SET firstname=:firstname, surname=:surname, start\_time=:start\_time, start\_date=:start\_date, department=:department, description=:description, end\_time=:end\_time, end\_date=:end\_date, resolution=:resolution, status=:status WHERE health\_id=:id";

$query = $pdo->prepare($sql);

$query->bindValue("firstname", $firstname);

$query->bindValue("surname", $surname);

$query->bindValue("start\_time", $start\_time);

$query->bindValue("start\_date", $start\_date);

$query->bindValue("department", $department);

$query->bindValue("description", $description);

$query->bindValue("end\_time", $end\_time);

$query->bindValue("end\_date", $end\_date);

$query->bindValue("resolution", $resolution);

$query->bindValue(":status", $status);

$query->bindValue(":id", $id);

$result = $query->execute();

//redirect with ?submitsuccess=true

header("Location: http://{$\_SERVER['HTTP\_HOST']}/writereports.php?submitsuccess=true");

exit();

}

?>

<html>

<head>

<meta charset="utf-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<title>Parking skeleon</title>

<meta name="description" content="Index screen">

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

<script type="text/javascript" src="/js/check.js"></script>

</head>

<body>

<?php

if (isset($\_GET['submitsuccess'])){

echo "<div id='captionSuccess'>Form submission successful</div>>";

}

?>

<div id="header">

<img src="pics/logo.png" alt="Anchor parking and fine management">

</div>

<div id='nav'>

<ul>

<li><a href="index.php?home=true">Home</a></li>

<li><a href="index.php?signout=true">Log Out</a></li>

</ul>

</div>

<div id='captionHead'>Update Health and Safety Report</div>

<div id="container">

<?php

session\_start();

$\_SESSION['id']=$\_GET["id"]; //get id from previous page, set as session id

?>

<div class='caption'>Report Information</div>

<br>

<?php

$servername = "localhost";

$username = "anchorco\_admin";

$password = "password";

$dbname = "anchorco\_ifb299";

$id = $\_GET["id"];

//try pdo query to database to access all information from health table for the entry that matches $id

try {

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

$stmt = $conn->prepare("SELECT \* FROM health WHERE health\_id = '$id'");

$stmt->execute();

//if data is not null

if ($data = $stmt->fetch()){

//then start a table and echo the right headings

echo "<div id='table'>";

echo "<div class='header-row row'>

<span class='cell primary'>ID</span>

<span class='cell'>First Name</span>

<span class='cell'>Surname</span>

<span class='cell'>Start Date</span>

<span class='cell'>Start Time</span>

<span class='cell'>Department</span>

<span class='cell'>Description</span>

<span class='cell'>End Date</span>

<span class='cell'>End Time</span>

<span class='cell'>Resolution</span>

</div>";

//select appropriate fields from health table for $id entry

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

$stmt = $conn->prepare("SELECT health\_id, firstname, surname, start\_date, start\_time, department, description, end\_date, end\_time, resolution FROM health WHERE health\_id='$id'");

$stmt->execute();

//while there are still rows to echo:

while ($row = $stmt->fetch(PDO::FETCH\_ASSOC))

{

//create table row

echo "<div class='row'>";

echo "<input type='radio' name='expand'>";

//input information into cells

echo "<span class='cell primary' data-label='ID'>" . $row['health\_id'] . "</span>";

echo "<span class='cell' data-label='First name'>" . $row['firstname'] . "</span>";

echo "<span class='cell' data-label='Surname'>" . $row['surname'] . "</span>";

echo "<span class='cell' data-label='Email'>" . $row['start\_date'] . "</span>";

echo "<span class='cell' data-label='Mobile'>" . $row['start\_time'] . "</span>";

echo "<span class='cell' data-label='Department'>" . $row['department'] . "</span>";

echo "<span class='cell' data-label='Duration'>" . $row['description'] . "</span>";

echo "<span class='cell' data-label='Start Date'>" . $row['end\_date'] . "</span>";

echo "<span class='cell' data-label='End Date'>" . $row['end\_time'] . "</span>";

echo "<span class='cell' data-label='Vehicle Type'>" . $row['resolution'] . "</span>";

echo "</div>"; //end row

}

echo "</div>"; //end table

}

//else if no data matching $id

else{

echo "None";

}

}

catch(PDOException $e) { //try/catch exception

echo "Error: " . $e->getMessage();

}

$conn = null; //end connection

$id = isset($\_GET['id']) ? $\_GET['id'] : NULL;

$db = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

$db->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

$sth = $db->prepare("SELECT status, firstname, surname, start\_date, start\_time, department, description, end\_date, end\_time, resolution FROM health WHERE health\_id='$id'");

$sth->bindParam(':id', $id, PDO::PARAM\_INT);

$sth->setFetchMode(PDO::FETCH\_OBJ);

$sth->execute();

$row = $sth->fetch();

?>

<form name="edit" action="editreports.php" method="post" onSubmit="return checkTime()">

<h2>Name</h2>

<input type="text" name="First" value="<?php echo $row->firstname; ?>" required/>

<input type="text" name="Last" value="<?php echo $row->surname; ?>" required/>

<h2>Time and Date</h2>

<input type="text" name="time" value="<?php echo $row->start\_time; ?>" required>

<input type="date" name="date" value="<?php echo $row->start\_date; ?>" required>

<h2>Department</h2>

<select name="department" value="<?php echo $row->department; ?>">

<option>Dpt of Astrology</option>

<option>Dpt of Science</option>

<option>Dpt of Time and Space</option>

<option>Dpt of Health and Safety</option>

</select>

<h2>Description</h2>

<textarea row="8" cols="50" name="desc"><?php echo $row->description; ?></textarea>

<br>

<h2>End Time and End Date</h2>

<input type="text" name="endtime" value="<?php echo $row->end\_time; ?>">

<input type="date" name="enddate" value="<?php echo $row->end\_date; ?>">

<h2>Resolution</h2>

<textarea row="8" cols="50" name="res"><?php echo $row->resolution; ?></textarea>

<h2>Status</h2>

<select name="status" value="<?php echo $row->status; ?>">

<option>Unresolved</option>

<option>Resolved</option>

</select>

<br>

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

</form>

</div>

</body>

</html>

# home.inc

<?php

session\_start();

if ($\_SESSION['isAdmin']){

header("Location: http://{$\_SERVER['HTTP\_HOST']}/menuAd.php");

exit();

}

if ($\_SESSION['isCollege']){

header("Location: http://{$\_SERVER['HTTP\_HOST']}/menuStu.php");

exit();

}

if ($\_SESSION['isVisitor']){

header("Location: http://{$\_SERVER['HTTP\_HOST']}/menuVis.php");

exit();

}

if ($\_SESSION['isPatrol']){

header("Location: http://{$\_SERVER['HTTP\_HOST']}/menuPo.php");

exit();

}

?>

# destroy.inc

<?php

session\_start();

$\_SESSION['isAdmin'] = false;

$\_SESSION['isCollege'] = false;

$\_SESSION['isVisitor'] = false;

$\_SESSION['isPatrol'] = false;

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

$\_SESSION['surname'] = "";

$\_SESSION['firstname'] = "";

session\_unset();

session\_destroy();

?>

# signup.inc

<?php

function unique\_u($username)

{

$pdo = new PDO('mysql:host=localhost;dbname=anchorco\_ifb299', anchorco\_admin, password);

$query = $pdo->prepare("SELECT \* FROM users WHERE username = '$username'");

$query->bindValue(':username', $username);

$query->execute();

return $query->rowCount() > 0;

}

function unique\_e($email)

{

$pdo = new PDO('mysql:host=localhost;dbname=anchorco\_ifb299', anchorco\_admin, password);

$query = $pdo->prepare("SELECT \* FROM users WHERE email = '$email'");

$query->bindValue(':email', $email);

$query->execute();

return $query->rowCount() > 0;

}

function create($firstname, $surname, $username, $password, $mobile, $email, $permission)

{

$pdo = new PDO('mysql:host=localhost;dbname=anchorco\_ifb299', anchorco\_admin, password);

$query=$pdo->prepare("INSERT INTO users(firstname, surname, username, password, mobile, email, permission)

VALUES(:firstname, :surname, :username, :password, :mobile, :email, :permission)");

$query->bindValue(':firstname', $firstname);

$query->bindValue(':surname', $surname);

$query->bindValue(':username', $username);

$query->bindValue(':password', $password);

$query->bindValue(':mobile', $mobile);

$query->bindValue(':email', $email);

$query->bindValue(':permission', $permission);

$query->execute();

}

?>

# submit.inc

<?php

function permit($firstname, $surname, $email, $mobile, $start\_date, $end\_date, $department, $duration, $vehicle\_type){

$pdo = new PDO('mysql:host=localhost;dbname=anchorco\_ifb299', anchorco\_admin, password);

$query=$pdo->prepare("INSERT INTO permits(firstname, surname, email, mobile, start\_date, end\_date, department, duration, vehicle\_type)

VALUES(:firstname, :surname, :email, :mobile, :start\_date, :end\_date, :department, :duration, :vehicle\_type)");

$query->bindValue(':firstname', $firstname);

$query->bindValue(':surname', $surname);

$query->bindValue(':email', $email);

$query->bindValue(':mobile', $mobile);

$query->bindValue(':start\_date', $start\_date);

$query->bindValue(':end\_date', $end\_date);

$query->bindValue(':department', $department);

$query->bindValue(':duration', $duration);

$query->bindValue(':vehicle\_type', $vehicle\_type);

$query->execute();

}

function report($firstname, $surname, $start\_time, $start\_date, $department, $description){

$pdo = new PDO('mysql:host=localhost;dbname=anchorco\_ifb299', anchorco\_admin, password);

$query=$pdo->prepare("INSERT INTO health(firstname, surname, start\_time, start\_date, department, description)

VALUES(:firstname, :surname, :start\_time, :start\_date, :department, :description)");

$query->bindValue(':firstname', $firstname);

$query->bindValue(':surname', $surname);

$query->bindValue(':start\_time', $start\_time);

$query->bindValue(':start\_date', $start\_date);

$query->bindValue(':department', $department);

$query->bindValue(':description', $description);

$query->execute();

}

function parking($time, $date, $v\_firstname, $v\_surname, $violation\_type, $description, $vehicle\_type, $license, $permit, $permit\_id){

$pdo = new PDO('mysql:host=localhost;dbname=anchorco\_ifb299', anchorco\_admin, password);

$query=$pdo->prepare("INSERT INTO violations(time, date, v\_firstname, v\_surname, violation\_type, description, vehicle\_type, license, permit, permit\_id)

VALUES(:time, :date, :v\_firstname, :v\_surname, :violation\_type, :description, :vehicle\_type, :license, :permit, :permit\_id)");

$query->bindValue(':time', $time);

$query->bindValue(':v\_firstname', $v\_firstname);

$query->bindValue(':v\_surname', $v\_surname);

$query->bindValue(':date', $date);

$query->bindValue(':violation\_type', $violation\_type);

$query->bindValue(':description', $description);

$query->bindValue(':vehicle\_type', $vehicle\_type);

$query->bindValue(':license', $license);

$query->bindValue(':permit', $permit);

$query->bindValue(':permit\_id', $permit\_id);

$query->execute();

}

function smoking($v\_firstname, $v\_surname, $time, $date, $v\_department, $v\_supervisor, $place, $violation\_type, $description){

$pdo = new PDO('mysql:host=localhost;dbname=anchorco\_ifb299', anchorco\_admin, password);

$query=$pdo->prepare("INSERT INTO violations(v\_firstname, v\_surname, time, date, v\_department, v\_supervisor, place, violation\_type, description)

VALUES(:v\_firstname, :v\_surname, :time, :date, :v\_department, :v\_supervisor, :place, :violation\_type, :description)");

$query->bindValue(':v\_firstname', $v\_firstname);

$query->bindValue(':v\_surname', $v\_surname);

$query->bindValue(':time', $time);

$query->bindValue(':date', $date);

$query->bindValue(':v\_department', $v\_department);

$query->bindValue(':v\_supervisor', $v\_supervisor);

$query->bindValue(':place', $place);

$query->bindValue(':violation\_type', $violation\_type);

$query->bindValue(':description', $description);

$query->execute();

}

?>

# authentication.inc

<?php

function checkPassword($username, $password)

{

$pdo = new PDO('mysql:host=localhost;dbname=anchorco\_ifb299', anchorco\_admin, password);

$query = $pdo->prepare("SELECT \* FROM users WHERE username = '$username' AND password = '$password'");

$query->bindValue(':username', $username);

$query->bindValue(':password', $password);

$query->execute();

return $query->rowCount() > 0;

}

function checkPermission($username, $password, $permission)

{

$pdo = new PDO('mysql:host=localhost;dbname=anchorco\_ifb299', anchorco\_admin, password);

$query = $pdo->prepare("SELECT permission FROM users WHERE username = '$username' AND password = '$password'");

$query->bindValue(':username', $username);

$query->bindValue(':password', $password);

$query->execute();

while($row=$query->fetch()){ //for each result, do the following

$permission=$row['permission'];

}

return $permission;

}

function returnFirstname($username)

{

$pdo = new PDO('mysql:host=localhost;dbname=anchorco\_ifb299', anchorco\_admin, password);

$query = $pdo->prepare("SELECT firstname FROM users WHERE username = '$username'");

$query->bindValue(':username', $username);

$query->execute();

$firstname = $query->fetchColumn();

return $firstname;

}

function returnSurname($username)

{

$pdo = new PDO('mysql:host=localhost;dbname=anchorco\_ifb299', anchorco\_admin, password);

$query = $pdo->prepare("SELECT surname FROM users WHERE username = '$username'");

$query->bindValue(':username', $username);

$query->execute();

$surname = $query->fetchColumn();

return $surname;

}

function returnEmail($username)

{

$pdo = new PDO('mysql:host=localhost;dbname=anchorco\_ifb299', anchorco\_admin, password);

$query = $pdo->prepare("SELECT email FROM users WHERE username = '$username'");

$query->bindValue(':username', $username);

$query->execute();

$email = $query->fetchColumn();

return $email;

}

function returnMobile($username)

{

$pdo = new PDO('mysql:host=localhost;dbname=anchorco\_ifb299', anchorco\_admin, password);

$query = $pdo->prepare("SELECT mobile FROM users WHERE username = '$username'");

$query->bindValue(':username', $username);

$query->execute();

$mobile = $query->fetchColumn();

return $mobile;

}

?>

# adminPermission.inc

<?php

session\_start();

if (!($\_SESSION['isAdmin']))

{

header("Location: http://{$\_SERVER['HTTP\_HOST']}/Index.php");

exit();

}

?>

# patrolPermission.inc

<?php

session\_start();

if (!($\_SESSION['isPatrol']))

{

header("Location: http://{$\_SERVER['HTTP\_HOST']}/Index.php");

exit();

}

?>

# collegePermission.inc

<?php

session\_start();

if (!($\_SESSION['isCollege']))

{

header("Location: http://{$\_SERVER['HTTP\_HOST']}/Index.php");

exit();

}

?>

# visitorPermission.inc

<?php

session\_start();

if (!($\_SESSION['isVisitor']))

{

header("Location: http://{$\_SERVER['HTTP\_HOST']}/Index.php");

exit();

}

?>