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```
/******************
* Auther: Howard La Flamme
* Title: Index (index.php)
* Description: Directs all traffic on website. *
* Revision: 0.1.5 5/6/2015
require_once('controllers/dbconnect.php');
 require_once('functions/functions.php');
 require_once('functions/validation_functions.php');
 require_once('functions/session_functions.php');
//get action
 if (isset($_POST['action'])) {
    $action = $_POST['action'];
 } else if (isset($_GET['action'])) {
   $action = $_GET['action'];
 } else {
   $action = 'pubhome';
//if user not logged in
 if(!isset($_SESSION['nickName']))
  $_SESSION['accessLevel'] = null;
 $_SESSION['action'] = $action;
//perform action
 switch($action) {
   case "login":
    include('views/login.php');
    break;
  //Log In Validation
   case "logMeIn":
     $nickName = $_POST['trail_Name'];
     $password = $ POST['password'];
     $required fields = array('trail Name', 'password');
    //reCaptcha
     if(isset($_POST['g-recaptcha-response'])&& $_POST['g-recaptcha-response'])
        $secret = "6Le_MgYTAAAAAG77bicOJQUy3GtoLot5YP6WrCl8";
        $ip = $ SERVER['REMOTE ADDR'];
        $captcha = $_POST['g-recaptcha-response'];
```

```
$rsp = file_get_contents("https://www.google.com/recaptcha/api/siteverify?
secret=$secret&response=$captcha&remoteip=$ip");
         $arr = json_decode($rsp,TRUE);
         if($arr['success'])
           validate_presences($required_fields);
             if (!empty($errors))
               $ SESSION["errors"] = $errors;
               include('views/login.php');
             if (is_valid_login($nickName, $password))
               if($_SESSION['accessLevel'] === '1')
                  $action ='admin';
                  $_SESSION['adminUpdates'] = NULL;
                  include('views/admin.php');
                 break;
               elseif($_SESSION['accessLevel'] === '2')
                  $action = 'member';
                  $_SESSION['memberUpdates'] = NULL;
                 include('views/member.php');
                  break;
         }
       }else{
         $_SESSION['error_message'] = 'Invalid Captcha Validation';
         include('views/login.php');
         break;
         }
     break;
  //Home Page
   case "pubhome":
     $_SESSION['selected'] = 'home';
     include('views/pubhome.php');
     break;
  //Registration Page
   case "register":
     include('views/register.php');
     break;
  //First New Register Page
   case "newRegister":
```

```
$firstName = $_POST['first_Name'];
       $lastName = $_POST['last_Name'];
       $nickName = $_POST['trail_Name'];
       $password = $_POST['password'];
   $required_fields = array('first_Name', 'last_Name', 'trail_Name', 'password');
     validate_presences($required_fields);
       if (!empty($errors))
        $_SESSION["errors"] = $errors;
        include('register.php');
       } else {
            addMember($firstName, $lastName, $nickName, $password);
         $_SESSION['trail_Name'] = $nickName;
         include('views/regAddress.php');
    break:
//Second Registration Page
 case "registerAddress":
   $email = $_POST['email'];
   $address1 = $ POST['address1'];
   $address2 = $_POST['address2'];
   $address3 = $ POST['address3'];
   $city = $_POST['city'];
   $zipCode = $_POST['zipCode'];
   $region = $_POST['region'];
   $country = $_POST['country'];
   $type = $_POST['type'];
    $required_fields = array('email', 'address1', 'city', 'zipCode', 'region', 'type');
   validate_presences($required_fields);
       if (!empty($errors))
        $ SESSION["errors"] = $errors;
        include('views/regAddress.php');
        addAddress($email, $type, $address1, $address2, $address3, $city, $zipCode, $region);
        include('views/login.php');
   break;
//Member's Area Validation
 case "member":
```

```
memberValidate($action);
   break;
//Administration Area Validation
 case "admin":
   adminValidate($action);
   break;
//Member's Profile Update Validation
 case "memProfileUpdate":
   $_SESSION['memberUpdates'] = $action;
   memberValidate($action);
   break;
//Member's Profile Update
 case "memUpdate":
   $fName = $_POST['firstName'];
   $lName = $_POST['lastName'];
   $nName = $_POST['nickName'];
   $userID = $_SESSION['user_id'];
   memUpdate($fName, $lName, $nName);
   $userInfo = getMemberByID($userID);
   $_SESSION['firstName']= $userInfo['firstName_usr'];
   $ SESSION['lastName']= $userInfo['lastName usr'];
   $_SESSION['nickName']= $userInfo['nickName_usr'];
   $_SESSION['memberUpdates'] = NULL;
   $action = 'member';
   include('views/member.php');
   break;
//Admin Profile Update Validation
 case "adminUpdate";
   $_SESSION['adminUpdates'] = $action;
   adminValidate($action);
   break;
//Admin Profile Update
 case "admUpdate":
   $fName = $_POST['firstName'];
   $lName = $_POST['lastName'];
   $nName = $ POST['nickName'];
   $hLevel = $_POST['hikerLevel'];
   $aLevel = $ POST['accessLevel'];
```

```
$userID = $_SESSION['user_id'];
   admUpdate($fName, $lName, $nName, $hLevel, $aLevel);
   $userInfo = getMemberByID($userID);
   $_SESSION['userID'] = $userInfo['id_usr'];
   $ SESSION['firstName']= $userInfo['firstName usr'];
   $_SESSION['lastName']= $userInfo['lastName_usr'];
   $ SESSION['nickName']= $userInfo['nickName usr'];
   $ SESSION['accessLevel']= $userInfo['accessLevel ual id ual'];
   $_SESSION['userLevel']= $userInfo['level_lvl_id_lvl'];
   $ SESSION['email'] = $userInfo['email uad'];
   $action = 'admin';
   include('views/admin.php');
   break;
//Member Email Update Validation
 case "updateEmail":
   $_SESSION['memberUpdates'] = $action;
   memberValidate($action);
   break:
//Admin Email Update Validation
 case "adminUpdateEmail":
   $ SESSION['adminUpdates'] = $action;
   adminValidate($action);
   break:
//Admin & Member Email Update
 case "emailUpdate";
  $email = $ POST['email'];
  updateEmail($email);
  if($_SESSION['accessLevel'] === '2'){
   $action = 'member';
   include('views/member.php');
   break:
  }elseif($_SESSION['accessLevel'] === '1'){
   $action = 'admin';
   include('views/admin.php');
   break;
  }
//Member Update address Validation
 case "updateAddress":
   $ SESSION['memberUpdates'] = $action;
```

```
memberValidate($action);
   break;
//Admin Update address Validation
 case "adminAddUpdate";
   $_SESSION['adminUpdates'] = $action;
   adminValidate($action);
   break;
//Admin & Member Address Update
 case "addressUpdate":
   $userID = $_SESSION['user_id'];
   type = POST['type'];
   add1 = POST['add1'];
   add2 = POST['add2'];
   add3 = POST['add3'];
   $city = $ POST['city'];
   $state = $_POST['state'];
   $zipCode = $_POST['zipCode'];
   addressUpdate($userID, $type, $add1, $add2, $add3, $city, $state, $zipCode);
   if($_SESSION['accessLevel'] === '2'){
   $action = 'member';
   include('views/member.php');
   break:
  }elseif($_SESSION['accessLevel'] === '1'){
    $action = 'admin';
    $_SESSION['adminUpdates'] = NULL;
   include('views/admin.php');
   break;
  break;
//Gear Exchange
 case "gear":
   include('views/gear.php');
   break:
//Gear Search
 case "gearItemSearch":
   $action = 'gear';
   include('views/gear.php');
   break:
//Member Manage Gear Validation
 case "manageGear":
   $_SESSION['memberUpdates'] = $action;
   memberValidate($action);
```

```
break;
//Admin Manage Gear Validation
 case "adminManageGear";
   $_SESSION['adminUpdates'] = $action;
   adminValidate($action);
   break;
//Events Page
 case "events":
   $_SESSION['selected']= 'events';
   include('views/events.php');
   break:
//Events Details
 case "eventDetails":
   $eventName = $_POST['eventName'];
   $_POST['eventName'] = NULL;
   $_SESSION['eventDetail'] = $eventName;
   $action = 'events';
   include('views/events.php');
   break:
 //Manage Events
  case "manageEvents":
  $_SESSION['adminUpdates'] = $action;
  adminValidate($action);
  break:
//Hiker Blog
 case "blog":
   include('views/blog.php');
   break:
//Logout
 case "logout":
   $nickNameLogOut = $_SESSION['nickName'];
   logout();
   include('views/logout.php');
   break:
//404 error default
 default:
   include('errors/404.html');
   break;
```

```
* Auther: Howard La Flamme
  * Title: Page Footer (footer.php)
  * Description: Footer of site pages
  * Revision: 0.1.5 5/6/2015
  *************************
<footer class="pageFooter1">
<article class="contentFooter">
    <l>
   <a href="index.php?action=pubhome" title="Home">Trail Head</a>
   <?php
    if(!isset($_SESSION['user_id']))
        {?>
  <a href="index.php?action=login" title="Login">Login</a>
   <a href="index.php?action=register" title="registration">Join Us</a>
  <?php } ?>
  <?php if(isset($_SESSION['accessLevel'])){</pre>
        if($_SESSION['accessLevel'] === '1' ){ ?>
    <a href="index.php?action=member" title="Member's Area">Member's Area</a>
   <a href="index.php?action=admin" title="Administration">Administration</a>
  <?php }elseif($ SESSION['accessLevel'] === '2'){?>
    <a href="index.php?action=member" title="Member's Area">Member's Area</a>
    <?php }; }?>
  <h5>&copy;Copyright 2015 Couch Potato Hikers. All rights reserved. </h5>
  <div> Icons made by <a class="link" href="http://www.flaticon.com/authors/freepik" title="Freepik"</pre>
target=" blank">Freepik</a> from <a class="link" href="http://www.flaticon.com" title="Flaticon"
target=" blank">www.flaticon.com</a>
                                         is licensed by <a class="link"
href="http://creativecommons.org/licenses/by/3.0/" title="Creative Commons BY 3.0" target="_blank">CC BY
3.0 < /a > < /div >
 </article>
</footer>
</div><!--/wrapper-->
</body>
</html>
```

```
/*********************
* Auther: Howard La Flamme
* Title: Page Header (header.php)
                                          *
* Description: Header of site pages
                                          *
* Revision: 0.1.5 5/6/2015
require_once('./functions/functions.php');
?>
<!doctype html>
<html>
 <head>
  <meta charset="UTF-8">
  <title>Couch Potato Hikers</title>
  <link href="css/maincss.css" rel="stylesheet" >
  <meta name="viewport" content="initial-scale=1.0" />
  <script src='https://www.google.com/recaptcha/api.js'></script>
 </head>
<body>
<!-- Go to www.addthis.com/dashboard to customize your tools -->
 <script type="text/javascript" src="//s7.addthis.com/js/300/addthis widget.js#pubid=ra-5447b37266fcdcfe"</pre>
async="async"></script>
<div class="wrapper">
 <header>
  <div>
   <h1>Couch Potato Hikers</h1>
   <!--Header Navigation-->
   <nav>
    <111>
     <a <?php if ($action === 'pubhome') {?> class="selected" <?php } ?> href="index.php?action=pubhome"
title="Home">Trail Head</a>
     <?php if(isset($_SESSION['accessLevel'])){</pre>
      if($_SESSION['accessLevel'] === '1' ){ ?>
     <a <?php if ($action === 'admin'){?> class="selected" <?php } ?>href="index.php?action=admin"
title="Administration">Administration</a>
     <?php }elseif($ SESSION['accessLevel'] === '2'){?>
     <a <?php if ($action === 'member' || $action === 'memberUpdate' || $action === 'updateEmail' || $action |
</pre>
=== 'memProfileUpdate' || $action === 'updateAddress' || $action === 'manageGear') { ?> class="selected" < ?php } ?
>href="index.php?action=member" title="Member's Area">Member's Area</a>
     <?php }; }?>
     <a <?php if ($action === 'gear'){ ?> class="selected" <?php } ?>href="index.php?action=gear " title="Gear
Exchange">Gear Exchange</a>
     <a <?php if ($action === 'events'){?> class="selected" <?php } ?>href="index.php?action=events"
title="Events Page">Events</a>
```

```
 <?php \ if(!isset(\$\_SESSION['user\_id'])) \{?> \\ <a <?php \ if (\$action === 'register') \{?> class="selected" <?php } ?> href="index.php?action=register" title="registration">Join Us</a> \\ <?php \} ?> \\ <?php \} if(isset(\$\_SESSION['user\_id'])) \\ \{?> \\ <a <?php \ if (\$action === 'logout') \{?> class="selected" <?php } ?> href="index.php?action=logout" title="Logout">Welcome <?php echo htmlentities(\$\_SESSION['nickName']);?>, Logout</a><?php \} else \{?> \\ <a <?php \ if (\$action === 'login' || \$action === 'LogMeIn') \{?> class="selected" <?php } ?> href="index.php?action=login" title="Login">Login</a> <?php \} ?>  </nav> </div> </header>
```

```
* Auther: Howard La Flamme
* Title: Home Page (pubhome.php)
                                               *
* Description: Home page that Everyone can see.
* Revision: 0.1.5 5/6/2015
*********************
include('views/includes/header.php');
<article class="content1">
    <h1 class="pageTitle">Welcome to the Trail Head</h1>
</article>
<!--About CPH-->
<article class="content2">
    <h2>About Us</h2>
        Like many families, we spend far too much time sitting whether it be on the couch watching TV or
playing video games, or in front of a computer working, surfing the Internet, or playing. We sit and
" vegetate", relax and chill, but rarely get up and out to see the sun, feel the breeze, and sense the earth
under our feet. 
        This is where the Couch Potato Hikers comes in. Started as a lark to motivate ourselves to get up off the
couch and explore this big wonderful world we live in, CPH is growing into a community of like minded people that
want to get out of the house and explore. Like our community, the CPH website is always growing and
improving.
        Wont you join use and share the experience of be part of a community that encourages exploring the
great outdoors.
</article>
<!-- Events Table -->
<article class="contentTable">
    <h2>Events</h2>
        For more information,<br>Vist the <a class="link" href="index.php?</pre>
action=events">Events page</a>
    <thead>
            NameLocation
                Date/Time
            </thead>
    <?php
        $events = getEvents();
        foreach ($events as $event):
    ?>
        <?php echo $event['name_evt']; ?>
                <?php echo $event['location evt']; ?>
                <?php echo $event['dateTime_evt'] ?>
```

```
<?php
/*********************
* Auther: Howard La Flamme
* Title: Gear Exhange (gear.php)
* Description: Displays Gear for sale/trade.
* Revision: 0.1.5 5/6/2015
************************
    include('includes/header.php');
?>
<article class="content1">
    <h1>Gear Exchange</h1>
</article>
<div class="contentTable1">
    <form action="index.php" method="post" id="gearItemSearchForm" name="gearItemSearchForm">
        <?php
            $errors = errors();
            echo form errors($errors);
        ?>
        <input type="hidden" name="action" value="gearItemSearch">
        <input type="text" name="searchItem" placeholder="Item Name">
        <input type="submit" value="Search Gear" />
    </form>
    CatagoryDescription
            ConditionListing MemberDate Listed
        <?php
            if(!isset($_POST['searchItem'])){
                    $gears = getGear();
                }else{
                $item = $ POST['searchItem'];
                $_POST['searchItem'] = null;
                $gears = findGear($item);
                    if(isset($ SESSION['error message']))
                             ?><h3><span class='redText'>Sorry, <?php echo
htmlentities($_SESSION['error_message']);?>, Please try again.</span></h3>
                             <?php
                             $_SESSION['error_message']= NULL;
                         }
```

```
}
               foreach ($gears as $gear):
           ?>
       <?php echo $gear['name_gex']; ?>
               <?php echo $gear['description_gex']; ?>
               <?php echo $gear['condition_con']; ?>
               <?php echo $gear['nickName_usr']; ?>
               <?php echo $gear['dateAdded_gex']; ?>
           <?php endforeach; ?>
       </div><!--/contenttable1-->
<div class="floatReset"></div>
<?php
   include('views/includes/footer.php');
?>
```

```
/*********************
* Auther: Howard La Flamme
* Title: Main Events Page (events.php)
* Description: Displays events with links for more
                    information.
* Revision: 0.1.5 5/6/2015
************************************
 include('includes/header.php');
 <article class="content1">
        <h1 class="pageTitle">Events</h1>
    </article>
<!-- Events Table -->
<?php if (isset($_SESSION['eventDetail']))</pre>
{?>
    <article class="contentTable">
<?php }else{
    <article class="contentTable1">
    <?php
    }?>
    <thead>
            NameLocation
                Date/Time
            </thead>
    <?php
        $events = getEvents();
        foreach ($events as $event):?>
        <?php $_POST['eventName'] = NULL; ?>
                <?php echo $event['name_evt'];?><form action="index.php" method="post"
id="SelectEvent"><input type="hidden" name="action" value="eventDetails">
                <input type="hidden" name="eventName" value="<?php echo $event['name_evt'];?>"><input</pre>
type="submit" value="More Info"></form>
                <?php echo $event['location_evt']; ?>
                <?php echo $event['dateTime_evt'] ?>
            <?php endforeach; ?>
    </article>
```

```
<!-- Event Details-->
<!php
include('includes/events/eventDetail.php');
?>

</article>

<div class="floatReset"></div>
<!php include('includes/footer.php');
?>
```

```
<?php
* Auther: Howard La Flamme
* Title: Events Details (eventDetails.php)
* Description: displays details of selected event.
* Revision: 0.1.5 5/6/2015
if(isset($_SESSION['eventDetail']))
        <article class="content2">
    <?php
            $_SESSION['eventDetail'] = $eventName;
            $eventDetails = getEventDetails($eventName);
            foreach ($eventDetails as $key => $eventDetail):
            ?><h2 class="pageTitleH2"><?php echo htmlentities($eventDetail['name_evt']);?></h2>
            <h3>When:</h3>
                <?php echo htmlentities($eventDetail['dateTime_evt']);
                ?>
            <h3>Where:</h3>
                <?php echo htmlentities($eventDetail['location_evt']); ?><br><?php echo
htmlentities($eventDetail['name_sre']);echo ', ';
                echo htmlentities($eventDetail['country_cou']);?>
            <h3>Description:</h3>
            <?php echo htmlentities($eventDetail['description_evt'])?>
    <?php endforeach;
    $ SESSION['eventDetail'] = NULL;
</article>
```

```
/*********************
* Auther: Howard La Flamme
* Title: Blog Page (blog.php)
* Description: Everyone can see, members can post, admin*
* can post & edit.
                 A place to share stories & tips.
* Revision: 0.1.5 5/6/2015
*************************
include('views/includes/header.php');
?>
<article class="content1">
    <h1 class="pageTitle">Hiker Blog</h1>
</article>
<!--About CPH-->
<article class="content1">
    <h2>Coming Soon</h2>
        A place to share stories, tips, and gear reviews.
        <a class="link" href="index.php?action=pubhome" title="Return to the Trail Head">Click Here</a> to
return to the Trail Head
</article>
<?php include('views/includes/footer.php');</pre>
?>
```

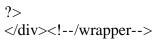
```
<?php
/************************
* Auther: Howard La Flamme
* Title: Registration Page (register.php)
* Description: First registration page for name,
                  trail name and password.
* Revision: 0.1.5 4/30/2015
require once('functions/session functions.php');
    require once('functions/validation functions.php');
    include('views/includes/header.php');
?>
<article class="content1">
<?php
    if (isset($error_message))
         echo $error_message;
    }
    //Field Validation
    $errors = errors();
    echo form_errors($errors);
?>
    <form action="index.php" method="post" id="registerForm">
         <fieldset><h1>New Member Registration</h1></fieldset>
             Fields marked with an asterisks (<span class="redText">*</span>) are requiered.
         <input type="hidden" name="action" value="newRegister">
         First Name <span class="redText">*</span>:<br/>br>
             <input type="text" name="first_Name" placeholder="John" required value="<?php</pre>
if(isset($ POST['first Name'])) echo $ POST['first Name'];?>"><br>
         Last Name <span class="redText">*</span>:<br/>br>
             <input type="text" name="last_Name" placeholder="Doe" required value="<?php</pre>
if(isset($ POST['last Name'])) echo $ POST['last Name'];?>"><br/>br>
         Trail Name (User ID) <span class="redText">*</span>:<br/>br>
             <input type="text" name="trail Name" placeholder="Nick Name" required value="<?php</pre>
if(isset($ POST['trail Name'])) echo $ POST['trail Name'];?>"><br>
         Password <span class="redText">*</span>:<br/>br>
             <input type="password" name="password" required placeholder="******" pattern="(?=^.{8,}$)((?</pre>
=.*\d)|(?=.*\W+))(?![.\n])(?=.*[A-Z])(?=.*[a-z]).*" title="Password must be at least 8 characters long and contain
Upercase, Lowercase, Number, and Special Character (ex: ! @ # $ % ^ )."><br>
             <input type="submit" value="Next">
    </form>
```

</php
include('views/includes/footer.php');
?>

```
/*********************
* Auther: Howard La Flamme
* Title: Address Registration page (regAddress.php)
* Description: Second page of registration for address*
    and email.
* Revision: 0.1.5 5/6/2015
*************************************
    require_once('functions/session_functions.php');
    require_once('functions/validation_functions.php');
    include('views/includes/header.php');
?>
<article class="content1">
<?php
    if (isset($error_message))
         echo $error_message;
<div>
    <?php
             //Field Validation
             $errors = errors();
             echo form_errors($errors);
    ?>
         <form action="index.php" method="post" id="registerAddressForm">
             <fieldset><h1>New Member Registration</h1>
                           <h3>Add Address</h3></fieldset>
                  Fields marked with an asterisks (*) are requiered.
             <input type="hidden" name="action" value="registerAddress">
             email<span class="requiered">*</span>:<br/>br>
                  <input type="text" name="email" placeholder="example@email.com" required value="<?php</pre>
if(isset($_POST['email'])) echo $_POST['email'];?>"><br>
             Address Type:<br>
                  <select name="type" required>
                      <option value="">Please Select</option>
                      <option value="home">Home</option>
                      <option value="business">Business
                      <option value="other">Other</option>
                  </select>
             <hr>>
             Address<span class="requiered">*</span>:<br/>br>
                  <input type="text" name="address1" placeholder="555 Example St" required value="<?php</pre>
```

```
if(isset($_POST['address1']))echo $_POST['address1'];?>"><br>
              Address 2:<br>
                   <input type="text" name="address2" placeholder="optional" value="<?php</pre>
if(isset($ POST['address2'])) echo $ POST['address2'];?>"><br>
              Address 3:<br>
                   <input type="text" name="address3" placeholder="optional" value="<?php</pre>
if(isset($ POST['address3'])) echo $ POST['address3'];?>"><br>
              City<span class="requiered">*</span>:<br>
                   <input type="text" name="city" placeholder="Asheville" required value="<?php</pre>
if(isset($ POST['city'])) echo $ POST['city'];?>"><br>
              State/Provence<span class="requiered">*</span>:<br/>br>
                   <select name="region" required>
                        <option value="">Please Select</option>
                        <?php $regions = allRegions();
                             foreach ($regions as $region): ?>
                                  <option value="<?php echo htmlentities($region['id sre'])?>"><?php echo</pre>
htmlentities($region['name_sre']);?></option>
                             <?php endforeach;?>
                        </select>
                   <hr>>
              Country:<br>
                   <select name="country">
                        <option value="">Please Select</option>
                        <?php $countrys = allCountrys();
                             foreach ($countrys as $country): ?>
                                  <option value="<?php echo htmlentities($country['id cou'])?>"><?php echo</pre>
htmlentities($country['country_cou']);?></option>
                             <?php endforeach;?>
                        </select>
                   <hr>>
              Postal Code/ Zip Code:<br>
                   <input type="text" name="zipCode" placeholder="00000-0000" required value="<?php</pre>
if(isset($ POST['zipCode'])) echo $ POST['zipCode'];?>"><br>
                   <input type="submit" value="Continue" />
         </form>
</div><!--/form-->
</article>
<?php
     include('views/includes/footer.php');
?>
```

```
/*********************
* Auther: Howard La Flamme
* Title: Log In (login.php)
* Description: Login page for Members & Admin.
* Revision: 0.1.5 5/6/2015
************************
    include('views/includes/header.php');
?>
<article class="content1">
    <?php if(isset($_SESSION['error_message']))</pre>
    ?>
        <h2><span class="redText"><?php echo htmlentities($_SESSION['error_message']); ?></span></h2>
             Please try again. Not yet a member? <a href="index.php?action=register">Register Here</a> to join
the hike.
    <?php
        $_SESSION['error_message'] = null;
<div><!-- login form-->
    <?php
        //Field Validation
        $errors = errors();
        echo form_errors($errors);
    ?>
        <form action="index.php" method="post" id="loginForm">
             <h1>CPH Member Login</h1>
                 Fields marked with an asterisks (<span class="redText">*</span>) are requiered.
                      <input type="hidden" name="action" value="logMeIn">
                 Trail Name <span class="redText">*</span>:<br/>br>
                      <input type="text" name="trail_Name" required placeholder="User Name" value="<?php</pre>
if(isset($_SESSION['trail_Name'])) {echo $_SESSION['trail_Name'];}?>"><br>
                 Password <span class="redText">*</span>:<br/>br>
                      <input type="password" name="password" required placeholder="******" ><br>
                 <!--reCaptcha-->
                      <div class="g-recaptcha" data-
sitekey="6Le_MgYTAAAAALAtSdipFL2xWNpb4PGvg7Gs3GGF"></div>
                      <input type="submit" value="login" >
        </form><!-- form -->
</div><!--/form-->
</article>
<?php
    include('views/includes/footer.php');
```



```
<?php
/*********************
* Auther: Howard La Flamme
* Title: Log Out page (logout.php)
* Description: Logout page for Members & Admin.
* Revision: 0.1.5 5/6/2015
include('views/includes/header.php');
?>
  <article class="content1">
  <h1>You have loged out</h1>
    Goodbye <?php echo htmlentities($nickNameLogOut); ?>, would you like to <a href="index.php?"
action=login">login</a> again?
  </article>
<?php include('views/includes/footer.php');</pre>
?>
```

```
<?php
/*********************
* Auther: Howard La Flamme
* Title: Administration Main Page (admin.php)
* Description: Administration Page display Admin info*
* and links for admionistration
* Revision: 0.1.5 5/6/2015
include('includes/header.php');
?>
<article class="content1">
<h1 class="pageTitle">Admin Page</h1>
</article>
<!-- show Admin info -->
<article class="content2">
<?php
 $userID = $_SESSION['user_id'];
 $userInfo = getMemberByID($userID);
 if(($_SESSION['adminUpdates'] != 'adminManageGear') || ($_SESSION['adminUpdates'] === NULL))
 ?>
 <h2>User Profile</h2>
 <div class="floatLeft">
   <h3>Name:</h3>
    <?php echo htmlentities($userInfo['firstName_usr']).' '.htmlentities($userInfo['lastName_usr']);?>
   <h3>Trail Name:</h3>
    <?php echo htmlentities($userInfo['nickName_usr']);?>
   <h3>Email:</h3>
    <?php echo htmlentities($userInfo['email_uad']);?>
   <h3>Hiker Level:</h3>
    <?php echo htmlentities($userInfo['name_lvl']);?>
   <h3>Access Level:</h3>
    <?php echo htmlentities($userInfo['accessLvl_ual']);?>
 </div>
  <div class="floatLeft">
   <h3>Address Type:</h3>
    <?php echo htmlentities($userInfo['type_uad']);?>
   <h3>Address:</h3>
    <?php echo htmlentities($userInfo['address1_uad']);?>
 <?php if($userInfo['address2_uad'] != NULL) {?>
   <h3>Address 2:</h3>
    <?php echo htmlentities($userInfo['address2_uad']);?>
```

```
<?php } ?>
  <?php if($userInfo['address3_uad'] != NULL) {?>
   <h3>Address 3:</h3>
    <?php echo htmlentities($userInfo['address3_uad']);?>
  <?php } ?>
   <h3>City:</h3>
    <?php echo htmlentities($userInfo['city_uad']);?>
   <h3>State/Provence:</h3>
    <?php echo htmlentities($userInfo['name_sre']);?>
   <h3>Country:</h3>
    <?php echo htmlentities($userInfo['country_cou']);?>
   <h3>Postal/Zip Code:</h3>
    <?php echo htmlentities($userInfo['postalCode_uad']);?>
  </div>
<div class="floatReset"></div>
</article>
<!-- admin update links/forms-->
<?php
include('includes/admin/adminUpdate.php');
 }elseif($_SESSION['adminUpdates'] === 'adminManageGear'){
$userGears = getUserGear($userID);
?>
<h2>Listed Gear</h2>
  <div>
   <?php
      if(isset($_SESSION['error_message']))
       ?><h3>You have no items listed<br/>br> on the Gear Exchange.</h3>
       <?php
       $_SESSION['error_message']= NULL;
       foreach($userGears as $userGear):
   ?>
    <h3>Item ID:</h3>
     <?php echo htmlentities($userGear['id_gex']);?>
    <h3>Category:</h3>
     <?php echo htmlentities($userGear['name_gex']);?>
    <h3>Condition:</h3>
     <?php echo htmlentities($userGear['condition con']);?>
```

```
<h3>Description:</h3>
     <?php echo htmlentities($userGear['description_gex']);?>
    <h3>Date Added:</h3>
     <?php echo htmlentities($userGear['dateAdded_gex']);?>
  </div>
   <?php
    endforeach;
   ?>
</article>
<?php
include('includes/admin/adminUpdate.php');
}
?>
<div class="floatReset"></div>
<?php
 include('includes/footer.php');
?>
```

```
<?php
/*****************
* Auther: Howard La Flamme
* Title: Address Update (addUpdate.php)
* Description: Provides Forms for updateing
                  address.
* Revision: 0.1.5 5/6/2015
*******************
    if(isset($_SESSION['memberUpdates'])){
         $action = 'member';
         $page = 'Member';
    $_SESSION['memberUpdates'] = NULL;
    }elseif(isset($_SESSION['adminUpdates'])){
        $action = 'admin';
         $page = 'Administration';
    $ SESSION['adminUpdates'] = NULL;
?>
<div class="content2">
    <h2>Update Your Address</h2>
             <form action="index.php" method="post" id="addressUpdateForm">
    <?php
             $errors = errors();
             echo form errors($errors);
             $_SESSION['memberUpdates']=NULL;
    ?>
                  <input type="hidden" name="action" value="addressUpdate">
             Address Type:<br>
                  <select name="type">
                      <option selected value="<?php echo htmlentities($userInfo['type uad']);?>"><?php echo</pre>
htmlentities($userInfo['type_uad']);?></option>
                      <option value="Home">Home</option>
                      <option value="Business">Business
                      <option value="Other">Other</option>
                  </select><br>
             Address:
                  <br><input type="text" name="add1" value="<?php echo htmlentities($userInfo['address1_uad']);?</pre>
>"><br>
             Address 2:
                  <br><input type="text" name="add2" placeholder="Optional" value="<?php echo</pre>
htmlentities($userInfo['address2_uad']);?>"><br>
             Address 3:
                  <br><input type="text" name="add3" placeholder="Optional" value="<?php echo</pre>
htmlentities($userInfo['address3_uad']);?>"><br>
             City:
                  <br><input type="text" name="city" value="<?php echo htmlentities($userInfo['city_uad']);?</pre>
```

```
>"><br>
```

```
State/Provence:
                   <br/>select name="state">
                        <option selected value="<?php echo htmlentities($userInfo['id_sre']);?>"><?php echo</pre>
htmlentities($userInfo['name_sre']);?></option>
                        <?php $states = allRegions();
                                  foreach ($states as $state):
                        ?>
                        <option value="<?php echo htmlentities($state['id_sre']);?>"><?php echo</pre>
htmlentities($state['name_sre']);?></option>
                        <?php
                             endforeach;
                   </select><br>
              Country (Updated automatically based on State/Province):
                   <br><input type="text" name="zipCode" value="<?php echo</pre>
htmlentities($userInfo['country_cou']);?>"><br>
              Postal/Zip Code:
                   <br/><br/>input type="text" name="zipCode" value="<?php echo
htmlentities($userInfo['postalCode_uad']);?>"><br>
                   <input type="submit" value="Update Address" />
         </form>
     </div><!--/form-->
```

```
<?php
 /*****************
 * Auther: Howard La Flamme
 * Title: Administration Update (addUpdate.php) *
  * Description: Provides Forms for updateing
                                            address.
  * Revision: 0.1.5 5/6/2015
 ************************************
          if (!isset($_SESSION['adminUpdates'])){
?>
<article class="content2">
           <h2>Administrator Actions</h2>
                     <l>
                     <a class="link" href="index.php?action=adminUpdate" title="Admin Update">Update">Update Profile</a>
                     <a class="link" href="index.php?action=adminAddUpdate" title="Address Update">Update Address</a>
                     <a class="link" href="index.php?action=adminUpdateEmail" title="Update Email">Update Email</a>
                     <a class="link" href="index.php?action=adminManageGear" title="Manage Your Gear Exchange" title="Manage 
Items">Manage Your Gear</a> on the Gear Exchange
                     <a class="link" href="index.php?action=manageEvents" title="Manage Events">Manage Events</a>
</article>
<?php
           }elseif($_SESSION['adminUpdates'] === 'adminUpdate'){
                     include('/../updateForms/adminProfileUpdate.php');
           }elseif($_SESSION['adminUpdates'] === 'adminUpdateEmail'){
          include('/../updateForms/updateEmail.php');
           }elseif($_SESSION['adminUpdates'] === 'adminAddUpdate'){
                     include('/../updateForms/addUpdate.php');
           }elseif($_SESSION['adminUpdates'] === 'adminManageGear'){
                     include('/../gearExchange/adminManageGear.php');
           }elseif($_SESSION['adminUpdates'] === 'manageEvents'){
                     include('/../events/manageEvents.php');
           }
?>
```

```
* Auther: Howard La Flamme
     * Title: Admin Profile Update (adminProfileUpdate.php)*
     * Description: Provides links for various
     * admin actions and forms for updates.
     * Revision: 0.1.5 5/6/2015
     **********************
<article class="content2">
    <div>
         <h2>Update Your Profile</h2>
             <form action="index.php" method="post" id="adminUpdateForm">
             <?php
                      $errors = errors();
                      echo form_errors($errors);
             ?>
                  <input type="hidden" name="action" value="admUpdate">
                  First Name:<br>
                      <input type="text" name="firstName" required autofocus value="<?php</pre>
if(isset($_SESSION['firstName'])) echo $_SESSION['firstName'];?>"><br>
                  Last Name:<br>
                      <input type="text" name="lastName" required value="<?php</pre>
if(isset($ SESSION['lastName'])) echo $ SESSION['lastName'];?>"><br>
                  Trail Name (User ID):
                      <br><input type="text" name="nickName" placeholder="Nick Name" required value="<?php</pre>
if(isset($_SESSION['nickName'])) echo $_SESSION['nickName'];?>"><br>
                  Hiker Level:<br>
                  <select name="hikerLevel">
                      <option selected value="<?php echo htmlentities($userInfo['name lvl']);?>"><?php echo</pre>
htmlentities($userInfo['name lvl']);?></option>
                      <?php $hikerLevels = allHikerLevels();</pre>
                           foreach ($hikerLevels as $hikerLevel): ?>
                               <option value="<?php echo htmlentities($hikerLevel['name_lvl'])?>"><?php echo</pre>
htmlentities($hikerLevel['name lvl']).' ('. htmlentities($hikerLevel['description lvl']).')';?></option>
                           <?php endforeach;?>
                      </select>
                      <hr>
                  Access Level:<br>
                      <select name="accessLevel">
                           <?php $accessLevels = allAccessLevels();</pre>
                               foreach ($accessLevels as $accessLevel): ?>
                                    <option value="<?php echo htmlentities($accessLevel['accessLvl_ual'])?>"><?</pre>
php echo htmlentities($accessLevel['accessLvl ual']);?></option>
                           <?php endforeach;?>
```

```
</select>
<br/>
<br/>
<br/>
<input type="submit" value="Update" />
</form>
</div><!--/form-->
</article>
```

```
* Auther: Howard La Flamme
* Title: Admin Manage Gear (adminManageGear.php)
* Description: Provides forms to manage gear an *
     admin has listed on the Gear Exchange and
* provides ability to remove any listings.
* Revision: 0.1.5 5/6/2015
*************************************
    if($_SESSION['accessLevel'] === '2'){
        $action = 'member';
         $page = 'Member';
    $_SESSION['memberUpdates'] = NULL;
    }elseif($_SESSION['accessLevel'] === '1'){
        $action = 'admin';
         $page = 'Administration';
    $_SESSION['adminUpdates'] = NULL;
?>
<article class="content2">
    <h1>Coming Soon</h1>
    <h2>Manage Your Gear<br/>br> on the Gear Exchange</h2>
    <a class="link" href="index.php?action=<?php echo htmlentities($action)?>" title="Return to Member's"
Page">Click Here</a> to return to <?php echo htmlentities($page)?> Actions
</article>
```

```
<?php
/****************
* Auther: Howard La Flamme
* Title: Manage Events (manageEvent.php)
* Description: Provides forms for administrators*
            to manage Evnets
* Revision: 0.1.5 5/6/2015
if($_SESSION['accessLevel'] === '1'){
       $action = 'admin';
       $page = 'Administration';
   $_SESSION['adminUpdates'] = NULL;
?>
<article class="content2">
    <h1>Coming Soon</h1>
    <h2>Manage Events</h2>
    <a class="link" href="index.php?action=<?php echo htmlentities($action)?>" title="Return to Administrator"
Page">Click Here</a> to return to <?php echo htmlentities($page)?> Actions
</article>
```

```
<?php
/*****************
* Auther: Howard La Flamme
* Title: Member's Page (member.php)
* Description: Provides Member information and *
* links for various member actions.
* Revision: 0.1.5 5/6/2015
*******************
 include('includes/header.php');
?>
<article class="content1">
<h1 class="pageTitle">Member Page</h1>
</article>
<!-- show member info -->
<article class="content2">
<?php
 $userID = $_SESSION['user_id'];
 $userInfo = getMemberByID($userID);
 if(($_SESSION['memberUpdates'] != 'manageGear') || ($_SESSION['memberUpdates'] === NULL))
?>
<h2>User Profile</h2>
 <div class="floatLeft">
   <h3>Name:</h3>
    <?php echo htmlentities($userInfo['firstName_usr']).' '.htmlentities($userInfo['lastName_usr']);?>
   <h3>Trail Name:</h3>
    <?php echo htmlentities($userInfo['nickName_usr']);?>
   <h3>Email:</h3>
    <?php echo htmlentities($userInfo['email_uad']);?>
   <h3>Hiker Level:</h3>
    <?php echo htmlentities($userInfo['name_lvl']);?>
   <h3>Access Level:</h3>
    <?php echo htmlentities($userInfo['accessLvl_ual']);?>
 </div>
  <div class="floatLeft">
   <h3>Address Type:</h3>
    <?php echo htmlentities($userInfo['type_uad']);?>
   <h3>Address:</h3>
    <?php echo htmlentities($userInfo['address1_uad']);?>
 <?php if($userInfo['address2_uad'] != NULL) {?>
   <h3>Address 2:</h3>
```

```
<?php echo htmlentities($userInfo['address2_uad']);?>
  <?php } ?>
  <?php if($userInfo['address3_uad'] != NULL) {?>
   <h3>Address 3:</h3>
    <?php echo htmlentities($userInfo['address3 uad']);?>
  <?php } ?>
   <h3>City:</h3>
    <?php echo htmlentities($userInfo['city uad']);?>
   <h3>State/Provence:</h3>
    <?php echo htmlentities($userInfo['name sre']);?>
   <h3>Country:</h3>
    <?php echo htmlentities($userInfo['country_cou']);?>
   <h3>Postal/Zip Code:</h3>
    <?php echo htmlentities($userInfo['postalCode uad']);?>
  </div>
<div class="floatReset"></div>
</article>
<!-- member update links/forms-->
<?php
include('includes/members/memberUpdate.php');
}elseif($_SESSION['memberUpdates'] === 'manageGear'){
$userGears = getUserGear($userID);
?>
<h2>Listed Gear</h2>
  <div>
   <?php
      if(isset($_SESSION['error_message']))
       ?><h3>You have no items listed<br> on the Gear Exchange.</h3>
       $_SESSION['error_message']= NULL;
      }echo $_SESSION['error_message'];
       foreach($userGears as $userGear):
   ?>
    <h3>Item ID:</h3>
     <?php echo htmlentities($userGear['id_gex']);?>
    <h3>Category:</h3>
     <?php echo htmlentities($userGear['name_gex']);?>
    <h3>Condition:</h3>
     <?php echo htmlentities($userGear['condition_con']);?>
    <h3>Description:</h3>
```

```
<?php echo htmlentities($userGear['description_gex']);?>
    <h3>Date Added:</h3>
     <?php echo htmlentities($userGear['dateAdded_gex']);?>
    <hr/>
  </div>
  <div class=".floatReset"></div>
   <?php
    endforeach;
   ?>
</article>
<?php
 include('includes/members/memberUpdate.php'); }
<div class="floatReset"></div>
<?php
include('includes/footer.php');
?>
```

```
* Auther: Howard La Flamme
    * Title: Member Profile Update (memProfileUpdate.php)*
    * Description: Provides links for various
    * member actions and forms for updates.
    * Revision: 0.1.5 5/6/2015
    ************************************
<article class="content2">
    <div>
        <h2>Update Your Profile</h2>
             Fields marked with an asterisks (<span class="redText">*</span>) are requiered.
        <form action="index.php" method="post" id="memUpdateForm">
    <?php
             $errors = errors();
             echo form errors($errors);
             $_SESSION['memberUpdates']=NULL;
    ?>
                 <input type="hidden" name="action" value="memUpdate">
             First Name <span class="redText">*</span>:<br/>br>
                 <input type="text" name="firstName" required autofocus value="<?php</pre>
if(isset($ SESSION['firstName'])) echo $ SESSION['firstName'];?>"><br>
            Last Name <span class="redText">*</span>:<br/>br>
                 <input type="text" name="lastName" required value="<?php if(isset($_SESSION['lastName']))</pre>
echo $ SESSION['lastName'];?>"><br>
             Trail Name (User ID) <span class="redText">*</span>:
                 <br><input type="text" name="nickName" placeholder="Nick Name" required value="<?php</pre>
if(isset($ SESSION['nickName'])) echo $ SESSION['nickName'];?>"><br>
                 <input type="submit" value="Update Profile" />
        </form>
    </div><!--/form-->
    <div class="userInfo">
        Access Level: <?php echo htmlentities($ SESSION['accName']); ?>
        Hiker Level: <?php echo htmlentities($_SESSION['userLevelName']); ?>
    </div>
</article>
```

```
<?php
/*****************
* Auther: Howard La Flamme
* Title: Member Update (memberUpdate.php)
* Description: Provides links for various
* member actions and forms for updates.
* Revision: 0.1.5 5/6/2015
*******************
    if (!isset($_SESSION['memberUpdates']))
?>
<article class="content2">
    <h2>Member Actions</h2>
     \langle ul \rangle
      <a class="link" href="index.php?action=memProfileUpdate" title="Member Update">Update">Update Profile</a>
      <a class="link" href="index.php?action=updateEmail" title="Update Email">Update Email</a>
      <a class="link" href="index.php?action=updateAddress" title="Update Address">Update Address</a>
      <a class="link" href="index.php?action=manageGear" title="Manage Your Gear Exchange Items">Manage
Your Gear</a> on the Gear Exchange
     </article>
<?php
    }elseif($_SESSION['memberUpdates'] === 'memProfileUpdate'){
        include('/../updateForms/memProfileUpdate.php');
    }elseif($ SESSION['memberUpdates'] === 'updateEmail'){
    include('/../updateForms/updateEmail.php');
    }elseif($ SESSION['memberUpdates'] === 'updateAddress'){
    include('/../updateForms/addUpdate.php');
    }elseif($_SESSION['memberUpdates'] === 'manageGear'){
    include('/../gearExchange/manageGear.php');
?>
```

```
* Auther: Howard La Flamme
* Title: Update Email (updateEmail.php)
* Description: form to update email
* Revision: 0.1.5 5/6/2015
if(isset($_SESSION['memberUpdates'])){
        $action = 'member';
        $page = 'Member';
    $_SESSION['memberUpdates'] = NULL;
    }elseif(isset($_SESSION['adminUpdates'])){
        $action = 'admin';
        $page = 'Administration';
    $_SESSION['adminUpdates'] = NULL;
?>
<article class="content2">
    <h2>Update Your Email</h2>
    <form action="index.php" method="post" id="emailUpdateForm">
        <?php
            $errors = errors();
            echo form_errors($errors);
            $_SESSION['memberUpdates']=NULL;
        ?>
                <input type="hidden" name="action" value="emailUpdate">
            Email:
                <br><input type="text" name="email" placeholder="example@email.com" required value="<?php</pre>
echo htmlentities($userInfo['email uad']);?>"><br>
                <input type="submit" value="Update Email" />
        </form>
</article>
```

```
/****************
* Auther: Howard La Flamme
* Title: Manage Gear (manageGear.php)
* Description: Provides forms to manage gear a *
        member has listed on the Gear Exchange *
* Revision: 0.1.5 5/6/2015
if($_SESSION['accessLevel'] === '2'){
        $action = 'member';
        $page = 'Member';
    $_SESSION['memberUpdates'] = NULL;
    }elseif($_SESSION['accessLevel'] === '1'){
        $action = 'admin';
        $page = 'Administration';
    $_SESSION['adminUpdates'] = NULL;
?>
<article class="content2">
    <h1>Coming Soon</h1>
    <h2>Manage Your Gear<br/>br> on the Gear Exchange</h2>
    <a class="link" href="index.php?action=<?php echo htmlentities($action)?>" title="Return to Member's
Page">Click Here</a> to return to <?php echo htmlentities($page)?> Actions
</article>
```

```
<?php
/****************
* Auther: Howard La Flamme
* Title: DataBase Connect (dbconnect.php)
* Description: Provides connectivity to database*
* Revision: 0.1.5 5/6/2015
if ($ SERVER['HTTP HOST'] == 'localhost:8080')
{/*Local Host*/
  $dsn = 'mysql:host=localhost;dbname=cph';
  $username = 'root';
  $password = ";
 //echo "Phase 3: Showing data from cph.user_usr and cph.accesslevel_ual on Localhost";
else
  /*WebHost*/
  $dsn = 'mysql:host=localhost;dbname=techrat_cph';
  $username = 'techrat_hiker';
  $password = 'hike>';
 //echo "Phase 3: Showing data from cph.user_usr and cph.accesslevel_ual on web server";
 try {
    $db = new PDO($dsn, $username, $password);
  } catch (PDOException $e) {
    $_SESSION['error_message'] = "OH SNAP!";
    exit();
?>
```

```
/*******************
* Auther: Howard La Flamme
* Title: Functions (functions.php)
* Description: function providing functionality*
* Revision: 0.1.5 5/6/2015
require_once('/session_functions.php');
    require_once('/../controllers/dbconnect.php');
    require_once('/validation_functions.php');
    /************
    *function name: form_errors
    *arguments: $errors (array)
    *returned data: if error returns*
        error message.
    *description: if errors in for *
        are found, returns error
            message.
    *Dependencies:
    *************
    function form_errors($errors=array())
    {
        $output = "";
        if(!empty($errors))
            $output .= "<div class=\"error\">";
            $output := "Please fix the following errors:";
            $output .= "";
            foreach ($errors as $key => $error)
                $output .= "{$error}";
            $output .= "";
            $output .= "</div>";
        return $output;
    }
// login functions
    /************
    *function name: captchaValidate *
    *arguments:
    *returned data:
    *description: If captcha test *
    *not passed will not allow login*
    *Dependencies:
    *************
    function captchaValidate()
```

```
{
         $secret = "6Le_MgYTAAAAAG77bicOJQUy3GtoLot5YP6WrCl8";
    $ip = $_SERVER['REMOTE_ADDR'];
    $captcha = $_POST['g-recaptcha-response'];
    $rsp = file_get_contents("https://www.google.com/recaptcha/api/siteverify?
secret=$secret&response=$captcha&remoteip=$ip");
    $arr = json_decode($rsp,TRUE);
    if($arr['success'])
        return;
    }else{
      $_SESSION['error_message'] = 'Invalid Captcha Validation';
      include('./views/login.php');
      break;
    }
    /***********
    *function name: password check *
    *arguments: $password, $pwHash *
    *returned data:
    *description: checks entered
    *
          password against stored
          password.
    *Dependencies:
    *************
    function password_check($password, $pwHash)
        global $db;
             $\text{hashCheck} = \text{password_verify($\text{password}, $\text{pwHash});}
        if( $hashCheck === true)
             return true;
         } else {
             $_SESSION['error_message']='You entered an invalid Trail Name or Password.';
             $action = 'login';
             include('views/login.php');
         }
    }
    /***********
    *function name: is_valid_login *
    *arguments: $password, $nickname*
    *returned data: user information*
    *description: checks entered
    *
          password and userID(Nick
    *
          Name) against stored
    *
          password and userID, if
    *
         passed, returns user
    *
         information and sets related*
    *
         session variables.
```

```
*Dependencies:
    *************
    function is_valid_login($nickName, $password)
        global $db;
        $action = $ POST['action'];
        $user = find member($nickName);
        if ($user['nickName usr'] === $nickName) {
             if (password_check($password, $user["password_usr"])){
                 $_SESSION['user_id'] = $user['id_usr'];
                 $_SESSION['firstName'] = $user['firstName_usr'];
                 $_SESSION['lastName'] = $user['lastName_usr'];
           $_SESSION['nickName'] = $user['nickName_usr'];
           $_SESSION['accessLevel'] = $user['accessLevel_ual_id_ual'];
           $_SESSION['accName'] = $user['accessLvl_ual'];
           $_SESSION['userLevelName'] = $user['name_lvl'];
           if($user['accessLevel_ual_id_ual'] === '2'){
             $_SESSION['memberUpdates'] = 'member';
           }elseif($user['accessLevel_ual_id_ual'] === '1'){
             $_SESSION['memberUpdates'] = 'admin';
           }return $user;
                 }else{
                 return false;
             }else{
             $_SESSION['error_message']='You entered an invalid Trail Name or Password.';
             $action = 'login';
             include('views/login.php');
//Admin Functions
    /***********
    *function name: adminValisdate *
    *arguments: $action
    *returned data:
    *description: directs to
         admin page based on access *
         level
    *Dependencies:
    *************
```

```
function adminValidate($action)
        if($_SESSION['accessLevel'] === '1')
             $action = 'admin':
          include('/views/admin.php');
         } else {
          $_SESSION['error_message'] = 'You must be an Administrator to access the Administration area.';
           include('errors/403.php');
    }
    /***********
    *function name: admUpdate
    *arguments: $fName, $lName,
                  $nName, $hLevel,
                  $aLevel
    *returned data:
    *description: Updates Admin
    *
         information based on user *
         input.
    *Dependencies:
    **************
    function admUpdate($fName, $lName, $nName, $hLevel,
                           $aLevel)
    {
         $hikerLevel = getHikerLevelID($hLevel);
        $accessLevel = getAccessLevelID($aLevel);
        global $db;
             $query = 'UPDATE user_usr SET firstName_usr = :firstName, lastName_usr = :lastName,
nickName_usr = :nickName, level_lvl_id_lvl= :hikerLevel, accessLevel_ual_id_ual = :accessLevel WHERE id_usr =
:user id';
             $statement = $db->prepare($query);
             $statement->bindValue(':firstName', $fName);
             $statement->bindValue( ':lastName', $IName);
             $statement->bindValue( ':nickName', $nName);
             $statement->bindValue( ':hikerLevel', $hikerLevel['id_lvl']);
             $statement->bindValue(':accessLevel', $accessLevel['id ual']);
             $statement->bindValue( ':user_id', $_SESSION['user_id']);
             $statement->execute();
             $statement->closeCursor();
             $_SESSION['adminUpdates'] = NULL;
             return;
    }
```

//member functions

```
/************
    *function name: memberValidate *
    *arguments: $action
    *returned data:
    *description: Directs user to
         member's area page if
    *
         they are a valid member or
         admin.
    *Dependencies:
    *************
    function memberValidate($action)
        if($_SESSION['accessLevel'] === '1')
             $_SESSION['action'] = 'member';
             include('views/member.php');
        } elseif($ SESSION['accessLevel'] === '2') {
            include('views/member.php');
        }else{
          $_SESSION['error_message']= 'You must be logged in to see the Members section.';
          include('errors/403.php');
    }
    /***********
    *function name: memUpdate
    *arguments: $fName, $lName,
                 $nName
    *returned data:
    *description: User enters First *
         name, last name, and
    *
             nickname to update
             profile
                                     *
    *Dependencies:
    *************
    function memUpdate($fName, $lName, $nName)
        global $db:
             $query = 'UPDATE user_usr SET firstName_usr = :firstName, lastName_usr = :lastName,
nickName usr = :nickName WHERE id usr = :user id';
             $statement = $db->prepare($query);
             $statement->bindValue( ':firstName', $fName);
             $statement->bindValue( ':lastName', $IName);
             $statement->bindValue( ':nickName', $nName);
             $statement->bindValue(':user id', $ SESSION['user id']);
             $statement->execute();
             $statement->closeCursor();
             $_SESSION['memberUpdates'] = NULL;
            return;
    }
```

```
//Member and Admin functions (functions used for both)
    /***********
    *function name: getMemberByID *
    *arguments: $userID
    *returned data: First name, Last*
         nick name, user level (name *
        and ID), access level (name *
        and ID)
    *description: returns user info *
         for use in the member's and *
    *
             administrator's areas by*
    *
             using the user ID.
    *Dependencies:
    *************
    function getMemberByID($userID)
        global $db;
             $query = $sql = "SELECT * FROM user_usr JOIN level_lvl ON level_lvl_id_lvl = id_lvl JOIN
accesslevel_ual ON `accessLevel_ual_id_ual` = id_ual JOIN useraddress_uad ON user_usr_id_usr = id_usr JOIN
subregions_sre ON subregions_sre_id_sre = id_sre JOIN regions_cou ON id_cou = region_id_sre
               WHERE id_usr = '$userID''';
                 $userInfo = $db->query($query);
                 $user=$userInfo->fetch();
                 return $user;
    }
    /***********
    *function name: find_member
    *arguments: $nickName
    *returned data: First name, Last*
         nick name, user level (name *
         and ID), access level (name *
         and ID)
    *description: returns user info *
    *
         for use in the member's and *
    *
             administrator's areas
    *
             using the user's
             nick name
                                        *
    *Dependencies:
    *************
    function find_member($nickName)
        global $db;
        $query = $sql = "SELECT * FROM user_usr JOIN accesslevel_ual a on a.id_ual = accessLevel_ual_id_ual
JOIN level 1vl 1 on level 1vl id 1vl = 1.id 1vl WHERE nickName usr = '$nickName'";
```

\$user_set = \$db->query(\$query);

```
$user_set = $user_set->fetch();
         return $user set;
    }
    /***********
    *function name: addAddress
    *arguments: $email, $address1, *
          $address2, $address3,
    *
         $city, $zipCode, $region,
                                     *
    *returned data:
    *description: User enters
    *
         address info to entrer into *
    *
              database
    *
                                      *
              to update profile
    *Dependencies:
    *************
    function addAddress( $email, $type, $address1, $address2, $address3, $city, $zipCode, $region)
    {
         $nickName = $_SESSION['trail_Name'];
         $user = find member($nickName);
         $userID = $user['id_usr'];
         global $db;
             $query = "INSERT INTO useraddress uad(`user usr id usr`, `type uad`, `address1 uad`,
`address2_uad`, `address3_uad`, `city_uad`, `subregions_sre_id_sre`, `postalCode_uad`, `email_uad`) VALUES
(:userID,:type,:add1,:add2,:add3,:city,:subReg,:zip,:email)";
             $statement = $db->prepare($query);
             $statement->bindValue( ':userID', $userID);
             $statement->bindValue( ':type', $type);
             $statement->bindValue(':add1', $address1);
             $statement->bindValue(':add2', $address2);
             $statement->bindValue(':add3', $address3);
             $statement->bindValue(':city', $city);
             $statement->bindValue(':subReg', $region);
             $statement->bindValue( ':zip', $zipCode);
             $statement->bindValue( ':email', $email);
             $statement->execute();
             $statement->closeCursor();
             return;
    }
    /***********
    *function name: updateEmail
    *arguments: $email
```

```
*
    *returned data:
    *description: User enters
         new email to update in the *
              database
    *Dependencies:
    ************************************
    function updateEmail($email)
             global $db;
             $query= $sql = "UPDATE useraddress_uad SET email_uad=:email WHERE user_usr_id_usr =
:userID";
             $statement = $db->prepare($query);
             $statement->bindValue( ':userID', $_SESSION['user_id']);
             $statement->bindValue( ':email', $email);
             $statement->execute();
             $statement->closeCursor();
    /**********
    *function name: addressUpdate
    *arguments: $type, $add1,
          $add2, $add3,
         $city, $zipCode, $state
    *returned data:
    *description: User enters
         address info to update in
    *
              database
              to update profile
    *Dependencies:
    *************
    function addressUpdate($userID, $type, $add1, $add2, $add3, $city, $state, $zipCode)
global $db;
    $query = $sql = "UPDATE useraddress_uad SET type_uad=:type,address1_uad=:add1 ,address2_uad=:add2
address3 uad=:add3 ,city uad=:city ,subregions sre id sre=:state ,postalCode uad=:zip WHERE user usr id usr =
:userID";
         $statement = $db->prepare($query);
         $statement->bindValue( ':userID', $userID);
         $statement->bindValue( ':type', $type);
         $statement->bindValue(':add1', $add1);
         $statement->bindValue(':add2', $add2);
         $statement->bindValue(':add3', $add3);
         $statement->bindValue(':city', $city);
         $statement->bindValue(':state', $state);
         $statement->bindValue(':zip', $zipCode);
```

```
$statement->execute();
        $statement->closeCursor();
    /**********
    *function name: getUserAddress *
    *arguments:
    *returned data: all user address*
                      Info.
    *description: gets all user
         address information
        according to user ID
    *Dependencies:
    *************
    function getUserAddress($userID)
    {echo 'in get address function :'.$userID;
        global $db;
        $query = $sql = "SELECT * FROM useraddress_uad JOIN subregions_sre ON subregions_sre_id_sre =
id sre JOIN regions cou ON region id sre = id cou WHERE user usr id usr = '$userID'";
        $user_set = $db->query($query);
        $userAddress = $user set->fetch();
        $_SESSION['email_uad'] = $userAddress['email_uad'];
        return $userAddress:
    }
//Public Functions
    /***********
    *function name: addMember
    *arguments: $firstName,
         $lastName, $nickName,
         $password
    *returned data:
    *description: On successful
         registration, user is added *
    *
         to database and redirected
         to the login page.
    *Dependencies:
    *************
    function addMember($firstName, $lastName, $nickName, $password){
        global $db;
        $password = password_hash($password, PASSWORD_BCRYPT);
        $query = 'INSERT INTO user_usr (firstName_usr, lastName_usr, nickName_usr, password_usr)
             VALUES(:firstName, :lastName, :nickName, :password)';
```

```
$statement = $db->prepare($query);
             $statement->bindValue( ':firstName', $firstName);
             $statement->bindValue( ':lastName', $lastName);
             $statement->bindValue( ':nickName', $nickName);
             $statement->bindValue(':password', $password);
             $statement->execute();
             $statement->closeCursor();
             return;
    /***********
    *function name: allCountrys
    *arguments: $regionID
    *returned data: All Regions
                      Listing
    *description: returns all
         rows in regions_cou
         table.
    *Dependencies:
    *************
    function allCountrys()
        global $db;
        $query = $sql = "Select * FROM regions_cou ORDER BY country_cou DESC";
      $result = $db->query($query);
        return $result;
    }
    /***********
    *function name: allRegions
    *arguments:
                $regionID
    *returned data: All Regions *
                      Listing
    *description: returns all
         rows in regions_cou
         table.
    *Dependencies:
    *************
    function allRegions()
        global $db;
        $query = $sql = "Select * FROM subregions_sre ORDER BY name_sre";
        $result = $db->query($query);
        return $result;
    }
//gear exchange functions
```

```
/************
*function name: getGear
*arguments:
*returned data: All Gear Listing*
*description: returns all
    rows in gearExchange_gex
    table.
*Dependencies:
*************
function getGear()
    global $db;
    $query = $sql = "Select g.name_gex, g.description_gex, c.condition_con,u.nickName_usr, g.dateAdded_gex
                     FROM gearexchange_gex g JOIN condition_con c
                     ON g.condition_con_id_con = c.id_con
                 JOIN user_usr u on u.id_usr = g.user_usr_id_usr";
    $result = $db->query($query);
    return $result;
}
/***********
*function name: getUserGear
             $userID
*arguments:
*returned data: All Gear Listed *
* by user.
*description: returns all
    rows in gearExchange gex
    table by user ID.
*Dependencies:
*************
function getUserGear($userID)
{
    global $db;
    $query = $sql = "Select g.id_gex, g.name_gex, g.description_gex, c.condition_con, g.dateAdded_gex
                     FROM gearexchange_gex g JOIN condition_con c
                     ON g.condition_con_id_con = c.id_con
                 JOIN user_usr u on u.id_usr = g.user_usr_id_usr
                 WHERE user_usr_id_usr = '$userID'";
    $result = $db->query($query);
    $result= $result->fetchAll();
    confirm results($result);
    return $result;
}
/***********
*function name: findGear
*arguments: $item
*returned data: search results *
*description: search
     gearExchange_gex for gear
```

```
*
         listing based on item name
         inputed by user.
    *Dependencies:
    *************
    function findGear($item)
    {
         global $db;
         $query = $sql = "Select g.name_gex, g.description_gex, c.condition_con,u.nickName_usr, g.dateAdded_gex
                          FROM gearexchange_gex g JOIN condition_con c
                          ON g.condition con id con = c.id con
                      JOIN user usr u on u.id usr = g.user usr id usr
                      WHERE g.name_gex = '$item'";
        $result = $db->query($query);
        $result = $result->fetchAll();
        confirm results($result);
        return $result;
    }
//Event Functions
    /************
    *function name: getEvents
    *arguments:
    *returned data: all events from *
         events evt table
    *description: returns all
         information from events_evt *
         table to populate lists.
    *Dependencies:
    *************
    function getEvents()
         global $db;
        $query = $sql = "Select e.name_evt, e.location_evt, s.name_sre,c.country_cou, e.dateTime_evt
                          FROM events evt e JOIN subregions sre s
                          ON e.subregions_sre_id_sre = s.id_sre
                      JOIN regions cou c on s.region id sre = c.id cou
                      ORDER BY dateTime evt Desc";
        $result = $db->query($query);
        return $result:
    }
    /************
    *function name: getEventDetails *
    *arguments:$eventDetail
    *returned data: all information *
             from one record in
             events_evt table.
    *description: returns
         information from events evt *
    *
         table based on selected
    *
             event name.
```

```
*Dependencies:
    *************
    function getEventDetails($eventDetail)
        global $db;
        $query = $sql = "Select e.name_evt, e.location_evt, s.name_sre,e.description_evt, c.country_cou,
e.dateTime evt
                         FROM events_evt e JOIN subregions_sre s
                         ON e.subregions_sre_id_sre = s.id_sre
                     JOIN regions cou c on s.region id sre = c.id cou
                     WHERE e.name_evt = '$eventDetail'";
        $result = $db->query($query);
        return $result;
    }
//Miscellaneous Functions
    /***********
    *function name: getAccessName *
    *arguments: $accNum
    *returned data: name of access *
         associated with the ID
    *
         number associated with the *
         users access level
    *description: Takes the ID
         number associated with ID
    *
         and returns the access level*
         name.
    *Dependencies:
    *************
    function getAccessName($accNum)
    {
        global $db;
        $query = $sql = "SELECT accessLvl_ual FROM accesslevel_ual WHERE id_ual = '$accNum'";
        $accResult = $db->query($query);
        $accResult = $accResult->fetch();
        return $accResult;
    }
    /***********
    *function name: allHikerLevels *
    *arguments:
    *returned data: all fields from *
         the level lvl table
    *
         description: returns all
    *
         fields in level_lvl table
             populating lists.
         for
    *Dependencies:
    *************
```

```
function allHikerLevels()
    global $db;
        $query = $sql = "SELECT * FROM level_lvl";
        $hikerLevels = $db->query($query);
        return $hikerLevels;
}
/************
*function name: allAccessLevels *
*arguments:
*returned data: all fields from *
    the accesslevel_ual table
*
    description: returns all
*
    fields in accesslevel_ual
    table for populating lists.
*Dependencies:
*************
function allAccessLevels()
    global $db;
        $query = $sql = "SELECT * FROM accesslevel_ual";
        $accessLevels = $db->query($query);
        return $accessLevels;
}
/***********
*function name: getHikerLevelID *
*arguments: $hLevel
*returned data: id number from *
         hike level name
*
    description: gets ID # of
*
    hiker level from hike level *
    name.
*Dependencies:
*************
function getHikerLevelID($hLevel)
    global $db;
        $query = $sql = "SELECT id_lvl from level_lvl WHERE name_lvl = '$hLevel'";
        $hikerLevel = $db->query($query);
        $hikerLevel = $hikerLevel->fetch();
        return $hikerLevel;
}
/**********
*function name: getAccessLevelID*
*arguments: $aLevel
*returned data: access level ID#*
*description: ID # from access *
```

```
/*****************
* Auther: Howard La Flamme
* Title: Session Functions (session_functions.php)*
* Description: Provides functions used by
                 Session cookies
* Revision: 0.1.5 5/6/2015
********************************
session_start();
//login/out functions
    /***********
    *function name: logout
    *arguments:
    *returned data:
    *description: logs out current *
        logged in member and clears *
         session variables.
    *Dependencies:
    *************
    function logout()
        $_SESSION['nickName'];
        $_SESSION['user_id'];
        $_SESSION['accessLevel'];
         $_SESSION = array();
         session_destroy(); // Clean up the session ID
    }
//Error handling functions
    /***********
    *function name: errors
    *arguments:
    *returned data: $errors
    *description:
        if $_SESSION['errors'] is
    *
        set. $errors is set and
        returned.
    *Dependencies:
    *************
    function errors()
        if (isset($_SESSION['errors']))
            $errors = $_SESSION['errors'];
            //clear session error
            $_SESSION['errors'] = null;
            return $errors;
        }
```

```
* Auther: Howard La Flamme
* Title: Validation Functions (validation_functions.php)
* Description: Provides functions for validating data.
* Revision: 0.1.5 5/6/2015
//Initiate errors array
    $errors = array();
//editing functions
    /***********
    *function name: fieldname_as_text *
    *arguments: $fieldname
    *returned data: $fieldname
    *description: removes spaces and *
        underscores from field name *
    *
        and capitalizes first letter *
    *
        of field name.
    *Dependencies:
    **************
    function fieldname_as_text($fieldname)
    {
       $fieldname = str_replace("_", " ", $fieldname);
       $fieldname = ucfirst($fieldname);
       return $fieldname;
    }
//Validation functions
    /***********
    *function name: confirm query
    *arguments: $result_set
    *returned data:
    *description: determines if a *
        query returned a result.
    *Dependencies:
    *************
    function confirm_query($result_set)
           if (!$result_set) {
               $ SESSION['error message'] = 'No results found';
               die("Database query failed.");
        }
    function confirm_results($results)
       if(!$results)
```

```
$_SESSION['error_message'] = 'No Data Found';
        return;
}
/***********
*function name: has_presence
*arguments: $value
*returned data: true/false
*description: checks if the
    field has a value entered
*Dependencies:
*************
function has_presence($value)
{
    return isset($value) && $value !== "";
}
/************
*function name: validate_presence *
*arguments: $required_fields (array)*
*returned data: if an empty field is*
    detected, error message returned*
*description: checks all form fields*
    for entries.
*Dependencies: has_presence($value)*
    field name as text($field)
function validate_presences($required_fields)
{
    global $errors;
    foreach($required_fields as $field)
        $value = trim($_POST[$field]);
        if(!has_presence($value))
            $errors[$field] = fieldname_as_text($field)." cannot be blank!";
```

?>

```
<!doctype html>
* Auther: Howard La Flamme
* Title: 403 ERROR (403.php) *
* Description: displays if user tries to access
                  a page they are not authorized to.
* Revision: 0.1.5 5/6/2015
***********************************
<html>
<head>
    <meta charset="UTF-8">
        <title>Couch Potato Hikers ERROR</title>
    <link href="css/maincss.css" rel="stylesheet" >
    <meta name="viewport" content="initial-scale=1.0" />
</head>
<body class="bodyError">
<div class="wrapper">
<header>
  <h1>Couch Potato Hikers</h1>
  <h1>403 ERROR</h1>
</header>
    <article class="contentError">
        <h1>Looks like you have wandered off the trail.</h1>
             <?php
                 if(isset($_SESSION['error_message'])){?>
                      <h2 class="h2Error"><?php
                      echo htmlentities($ SESSION['error message']);?></h2>
             <?php
             $ SESSION['error message'] = null;
        }?>
        <h2 class="h2Error"><a class="link' href="index.php?action=pubhome">Click Here</a> to return to the
Trail Head</h2>
    </article>
    <div class="contentFooter">
         <h5>&copy;Copyright 2015 Couch Potato Hikers. All rights reserved. </h5>
      <div> Icons made by <a class="link" href="http://www.flaticon.com/authors/freepik"</pre>
title="Freepik">Freepik</a> from <a class="link" href="http://www.flaticon.com"
title="Flaticon">www.flaticon.com</a>
                                          is licensed by <a class="link"
href="http://creativecommons.org/licenses/by/3.0/" title="Creative Commons BY 3.0">CC BY 3.0</a></div>
    </div><!--/footer-->
</div><!--/wrapper-->
</body>
</html>
```

```
* Auther: Howard La Flamme
* Title: 404 ERROR (404.html)
                                                    *
* Description: displays if user tries to access
                 a page that does not exist.
* Revision: 0.1.5 5/6/2015
*******************
<html>
<head>
    <meta charset="UTF-8">
        <title>Couch Potato Hikers ERROR</title>
    <link href="css/maincss.css" rel="stylesheet" >
    <meta name="viewport" content="initial-scale=1.0" />
</head>
<body class="bodyError">
<div class="wrapper">
<header>
  <h1>Couch Potato Hikers</h1>
  <h1>404 ERROR</h1>
</header>
    <article class="contentError">
        <h1>Looks like you&apos; ve wandered off the trail.</h1>
        <h2 class="h2Error"><a class='link' href="index.php?action=pubhome">Click Here</a> to return to the
Trail Head</h2>
        <h2 class="h2Error">or the Back button in your Browser to return to where you left the trail</h2>
    </article>
    <div class="contentFooter">
        <h5>&copy;Copyright 2015 Couch Potato Hikers. All rights reserved. </h5>
      <div> Icons made by <a class="link" href="http://www.flaticon.com/authors/freepik"</pre>
title="Freepik">Freepik</a> from <a class="link" href="http://www.flaticon.com"
title="Flaticon">www.flaticon.com</a>
                                          is licensed by <a class="link"
href="http://creativecommons.org/licenses/by/3.0/" title="Creative Commons BY 3.0">CC BY 3.0</a></div>
    </div><!--/footer-->
</div><!--/wrapper-->
</body>
</html>
```

<!doctype html>