Dirt Bag Way Code Documentation

Index

```php
<?php
session_start();
/*
Author: John Gray
Last Revision: 05.05.14
File Name: index.php
Description: This is the controller for the dirtbagway.com. All user actions are
routed through here and the appropriate response delievered.
*/

// Connect to utility files that allow for proper path names and user authentication
require_once('util/main.php');
// Connect to db
require_once('model/database_connection.php');
// Connect to functions that deal with users
require_once('model/users_db.php');
//   Connect to functions that deal with entries
require_once('model/log_entry_db.php');

// Get the action to perform
if (isset($_POST['action'])) {
    $action = strip_tags(trim($_POST['action']));
} else if (isset($_GET['action'])) {
    $action = strip_tags(trim($_GET['action']));
} else {
    $action = 'show_public_home';
}

// Perform the specified action
        //   Public Site Actions
        switch($action) {

            case 'show_public_home':
                // Display public home page
                include('public_app/home_public.php');
                break;

            case 'user_login':
                // Get form info
                $username = strip_tags(trim($_POST['username']));
                $password = strip_tags(trim($_POST['password']));
                  //   validate inputs for login form
                 if (empty($username) && empty($password)) {
                     $login_message = "Please supply a username and password and try
again.";
                    // Display public home page with error message
                    include('public_app/home_public.php');

                 }    elseif (empty($username)) {
                    $login_message = "Please supply a username and try again.";
                    // Display public home page with error message
                    include('public_app/home_public.php');
                 }    elseif (empty($password)) {
                    $login_message = "Please supply a password and try again.";
```

```php
                            // Display public home page with error message
                            include('public_app/home_public.php');
                        }      else {
                            // Check to see if they are a valid user, create session
variables
                        if (is_valid_user_login($username, $password)) {
                            $_SESSION['is_valid_user'] = true;
                            $_SESSION['username'] = $username;
                            // Check privilege of user, create session variable
                            $privilege = user_privileges($username);
                            $_SESSION['privilege'] = $privilege;

                            $user_id = get_user_id($username);
                        $_SESSION['user_id'] = $user_id;
                            // Direct user to correct part of site
                            if ($privilege == 'user'){
                                // Display users home page
                                include('users_app/home_users.php');
                            } elseif ($privilege == 'admin'){
                                $_SESSION['is_valid_admin'] = true;
                                 // Display admin home page
                                  include('admin_app/home_admin.php');
                            }

                        } else {
                            $login_message = 'You have not entered a valid login.
Please try again.';
                            // Display public home page with error message
                            include('public_app/home_public.php');
                        }
                    }
                  break;

            case 'show_create_user';
             // Display create user form
             include('public_app/create_user_form.php');
             break;

            case 'create_user';
                // Get form info
                $username = strip_tags(trim($_POST['username']));
                $password = strip_tags(trim($_POST['password']));
                $fname = strip_tags(trim($_POST['fname']));
                $lname = strip_tags(trim($_POST['lname']));
                $visibility = strip_tags(trim($_POST['visibility']));
                $profile = htmlentities(trim($_POST['profile']), ENT_NOQUOTES);
                $captcha = strip_tags(trim($_POST['captcha']));
                //Check Captcha
                if(isset($_POST["captcha"] )&& $_POST["captcha"]!=""&&
$_SESSION["code"]==$_POST["captcha"]){
                        //   Check to see if the user already exists
                        if (is_valid_user_login($username, $password)) {
                    $login_message = 'There is already a dirtbag with that username
or password. Please choose something else.';
                        // Display public home page with error message
                      include('public_app/home_public.php');
                        } else {
                                // Create the user
```

```php
                                    create_user($username, $password, $fname, $lname,
$visibility, $profile);
                                    //   Log the user in, Get info about them, and
direct them to the user section of the site
                                    if (is_valid_user_login($username, $password)) {
                                        $_SESSION['is_valid_user'] = true;
                                        $_SESSION['username'] = $username;
                                        $privilege = user_privileges($username);
                                        $_SESSION['privilege'] = $privilege;
                                        if ($privilege == 'user'){
                                            $user_id = get_user_id($username);
                                            $_SESSION['user_id'] = $user_id;
                                            // Display users home page
                                            include('users_app/home_users.php');
                                        } else {
                                    $login_message = 'You have not entered a valid login.
Please try again.';
                                    // Display public home page with error message
                                    include('public_app/home_public.php');
                                        }
                                    }
                                }
                } else {
                    $login_message = "Looks like you're not human. Try again.";
                // Display public home page with error message
                include('public_app/home_public.php');
                    }
              break;

            case 'logout':
                // Clear all session data from memory
                $_SESSION = array();
                // Clean up the session ID
                session_destroy();
                //Delete the sesssion cookie
                $name = session_name();
                $expire = strtotime('-1 year');
                $params = session_get_cookie_params();
                $path = $params['path'];
                $domain = $params['domain'];
                $secure = $params['secure'];
                $httponly = $params['httponly'];
                setcookie($name, '', $expire, $path, $domain, $secure, $httponly);
                $login_message = 'You have been logged out.';
                //       Display public home page
                include('public_app/home_public.php');
                break;

        //   User Site Actions
            case 'show_user_home':
                // Display home page for users
                include('users_app/home_users.php');
                break;


            case 'show_log_entry_form':
             // Display logbook entry form
             include('users_app/log_activity_form.php');
```

```php
                break;

        case 'create_entry':
            // Get form info
            $id_usr = strip_tags(trim($_POST['user_id']));
            $id_atv = strip_tags(trim($_POST['activity_id']));
            $id_rol = strip_tags(trim($_POST['role_id']));
            $date = strip_tags(trim($_POST['date']));
            $days = strip_tags(trim($_POST['days']));
            $location = htmlentities(trim($_POST['location']), ENT_NOQUOTES);
            $id_sts = strip_tags(trim($_POST['state_id']));
            $id_cts = strip_tags(trim($_POST['country_id']));
            $route = htmlentities(trim($_POST['route']), ENT_NOQUOTES);
            $distance = strip_tags(trim($_POST['distance']));
            $description = htmlentities(trim($_POST['description']));
            // Update the db
            create_entry($id_usr, $id_atv, $id_rol, $date, $days, $location,
$id_sts, $id_cts, $route, $distance, $description);
            // Display users logbook entries
            include('users_app/user_info.php');
                break;

        case 'delete_entry':
            //   Get Form Info
            $id_ent = strip_tags(trim($_POST['entry_id']));
            // Delete entry from db
            delete_entry($id_ent);
        // Display users logbook entries
        include('users_app/user_info.php');
                break;

        case 'search_entries':
         // Get form info
         $search = strip_tags(trim($_POST['search']));
         $id_usr = strip_tags(trim($_POST['id_usr']));
            //   search entries by search term and user id
            $search_entries = search_entries($search, $id_usr);
            if(!empty($search_entries)){
                // Display users search results
                include('users_app/search_entries_user.php');
            } else {
                $error_message = 'No matches found.';
                // Display users info
                include('users_app/user_info.php');
            }
            break;

        case 'show_view_info':
         // Get Info
         $id_user = $_SESSION['user_id'];
         // Display users logbook entries
         include('users_app/user_info.php');
                break;


        case 'show_edit_profile':
         // Display users profile
         include('users_app/user_profile.php');
```

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                    break;

            case 'edit_profile':
                    // Get form info
                    $id_usr = strip_tags(trim($_POST['id_usr']));
                    $fname = strip_tags(trim($_POST['fname']));
                    $lname = strip_tags(trim($_POST['lname']));
                    $visibility = strip_tags(trim($_POST['visibility']));
                    $profile = htmlentities(trim($_POST['profile']), ENT_NOQUOTES);
              // Display update users form
              include('users_app/update_users_users.php');

                    break;

            case 'update_profile_user':
                    $id_usr = strip_tags(trim($_POST['id_usr']));
                    $password = strip_tags(trim($_POST['password']));
                    $fname = strip_tags(trim($_POST['fname']));
                    $lname = strip_tags(trim($_POST['lname']));
                    $visibility = strip_tags(trim($_POST['visibility']));
                    $profile = htmlentities(trim($_POST['profile']), ENT_NOQUOTES);
                    update_user_user($id_usr, $password, $fname, $lname, $visibility,
$profile);
                    //   Display updated users profile
              include('users_app/user_profile.php');

                    break;

            case 'return_user_home':
                    // Display users home page
                    include('home_users.php');
                    break;

        //   Admin Site Actions
              case 'show_admin_home':
                    //    Display admin home page
                    include('home_admin.php');
                    break;

            case 'show_users_admin':
              //    Display users
              include('admin_app/users_admin.php');
                    break;

            case 'show_activities':
              //    Display activities
              include('admin_app/activities_admin.php');
                    break;

              case 'delete_activity':
                    // Get info
                    $id_atv = strip_tags(trim($_POST['id_atv']));
                    //    Delete the activity
                    delete_activity($id_atv);
              //    Display activities
              include('admin_app/activities_admin.php');
                    break;
```

```php
            case 'add_activity':
                //Get info
                $name_atv = strip_tags(trim($_POST['name']));
                $description_atv = htmlentities(trim($_POST['description']));
                // Add the activity to the db
                add_activity($name_atv, $description_atv);
        //    Display activities
        include('admin_app/activities_admin.php');
                break;

            case 'update_activity_form':
                //Get info
                $id_atv = strip_tags(trim($_POST['id_atv']));
                $name_atv = strip_tags(trim($_POST['name']));
                $description_atv = htmlentities(trim($_POST['description']));
        //    Display update activity form
        include('admin_app/update_activities_admin.php');
                break;

            case 'update_activity':
                //Get info
                $id_atv = strip_tags(trim($_POST['id_atv']));
                $name_atv = strip_tags(trim($_POST['name']));
                $description_atv = htmlentities(trim($_POST['description']),
ENT_NOQUOTES);

                //    Update the activity in the db
                update_activity($id_atv, $name_atv, $description_atv);
        //    Display updated activities
        include('admin_app/activities_admin.php');
                break;

          case 'activity_search':
           //Get info
                $search = strip_tags(trim($_POST['search']));
                // Search the database
                $search_activities = search_activities($search);
                if(!empty($search_activities)){
                    //    display search results
                    include('admin_app/single_activity_admin.php');
                } else {
                    // Display error message and list activities
                    $error_message = 'No matches found.';
                    include('admin_app/activities_admin.php');
                }
                break;

        case 'return_admin_home':
            // Display admin home
            include('admin_app/home_admin.php');
            break;

          case 'delete_user':
              // Get info
             $id_usr = strip_tags(trim($_POST['user_id']));
             //     Delete the users entries
              delete_entry_by_user($id_usr);
              // Delete the user
```

```php
            delete_user($id_usr);
        //    Display users
        include('admin_app/users_admin.php');
            break;

        case 'user_search':
            // Get info
            $search = strip_tags(trim($_POST['search']));
            // Search the database
            $search_users = search_users($search);
            if(!empty($search_users)){
                //    Display search results
                include('admin_app/single_user_admin.php');
            } else {
                //    Display error message with users
                $error_message = 'No matches found.';
                include('admin_app/users_admin.php');
            }
            break;

        case 'update_user_form':
        //Get Info
        $id_usr = strip_tags(trim($_POST['user_id']));
        $username = strip_tags(trim($_POST['username']));
        $fname = strip_tags(trim($_POST['fname']));
        $lname = strip_tags(trim($_POST['lname']));
        $privileges = strip_tags(trim($_POST['privileges']));
        $visibility = strip_tags(trim($_POST['visibility']));
        $profile = htmlentities(trim($_POST['profile']), ENT_NOQUOTES);
        //    Display update user form
        include('admin_app/update_users_admin.php');
        break;

        case 'update_user_admin':
        //Get Info
        $id_usr = strip_tags(trim($_POST['id_usr']));
        $password = strip_tags(trim($_POST['password']));
        $fname = strip_tags(trim($_POST['fname']));
        $lname = strip_tags(trim($_POST['lname']));
        $privileges = strip_tags(trim($_POST['privileges']));
        $visibility = strip_tags(trim($_POST['visibility']));
        $profile = htmlentities(trim($_POST['profile']), ENT_NOQUOTES);
        //    Update the user
        update_user_admin($id_usr, $password, $fname, $lname, $privileges,
$visibility, $profile);
        //    Display the updated users
        include('admin_app/users_admin.php');
        break;
        }

?>
```

Admin App

```
<!--
Author: John Gray
Last Revision: 05.07.14
File Name: activities_admin.php
```

Description: Page provides listing of activities and options to delete or update
-->

```php
<?php
// If the user isn't logged in, force the user to login
if (!isset($_SESSION['is_valid_user'])) {
    header("Location: ..");
}
include('view/header.php'); //Connect to header file
?>

<body class='admin_activities'>
    <div class="container">
<?php include('view/admin_nav.php') // Include navigation specific to authorized
users ?>

        <header>
          <h1>The Dirtbag Way</h1>
        </header>

        <section class="row">
            <div class="col-lg-9 col-sm-8 col-lg-push-3 col-sm-push-4">
                <?php
                    if(isset($error_message)){
                        echo "<div class='alert alert-info alert-dismissiable'>
                                    <button type='button' class='close' data-
dismiss='alert'>&times;</button><h4>"
                                    .$error_message.
                        "</h4></div>";
                    }
                ?>
                <h3>Activity Search</h3>
                    <form action="index.php" method="post">
                        <input type="hidden" name="action" value="activity_search" /
>
                        <div class='form-group'>

                            <input type="input" name="search" />
                            <button class='btn btn-primary' type="submit"
value="search">Search</button>
                        </div>
                    </form>

                <button class="btn btn-primary btn-lg" data-toggle="modal" data-
target=".add_activity-modal-lg">Add Activity</button>
                <div class="modal fade add_activity-modal-lg" tabindex="-1"
role="dialog" aria-labelledby="myLargeModalLabel" aria-hidden="true">
                    <div class="modal-dialog modal-lg">
                        <div class="modal-content">
                            <div class="modal-header">
                                <button type="button" class="close" data-
dismiss="modal" aria-hidden="true">&times;</button>
                                <h4 class="modal-title">Add Activity</h4>
                            </div>    <!-- End Modal Header -->

                            <div class="modal-body">

                                <form class="form" action="<?php echo
```

```
$app_path?>/index.php" method="post" id="add_activity" role="form" accept-
charset="UTF-8">
                                        <input type="hidden" name="action"
value="add_activity">
                                            <div class='form-group'>
                                                <label>Name</label>
                                                <input id="activity_name"
class='form-control' type="text" name="name" required="" placeholder="Name">
                                            </div>
                                            <div class='form-group'>

                                                <label>Description</label>
                                                <textarea
id="activity_desctription" class='form-control' rows="5" name="description"
required="" placeholder="Define the activity"></textarea>
                                            </div>
                                        <button class="btn btn-primary btn-lg
center_btn" type="submit" name="submit">Submit</button>
                                        </form>
                                </div> <!-- End Modal-body -->
                            </div> <!-- End Modal-content -->
                        </div> <!-- End modal-dialog -->
                    </div>     <!-- End Modal-fade -->

            </div>
                <?php include('view/admin_sidebar.php') // Include navigation specific
to authorized users ?>
        </section> <!-- End Row -->

            <h3>Activities</h3>
            <div class="table-responsive">
                <table class="table table-striped table-hover">
                    <thead>
                        <tr>
                            <th>ID</th>
                            <th>Name</th>
                            <th>Description</th>

                            <th>Update</th>
                            <th>Delete</th>
                        </tr>
                    <thead>
                    <tbody>
                        <?php $activities = get_activities(); ?>

                    <?php foreach ($activities as $activity) : ?>

                        <tr>
                            <td><?php echo $activity['id_atv']; ?></td>

                            <td><?php echo $activity['name_atv']?></td>

                            <td><?php echo $activity['description_atv']?></td>

                            <td><form action="<?php echo $app_path?>index.php"
method="post">
                                <input type="hidden" name="action"
value="update_activity_form" />
```

```php
                                                <input type="hidden" name="id_atv" value="<?php
echo $activity['id_atv']; ?>" />
                                                <input type="hidden" name="name" value="<?php echo
$activity['name_atv']; ?>" />
                                                <input type="hidden" name="description" value="<?
php echo $activity['description_atv']; ?>" />
                                                 <button class="btn btn-primary" type="submit"
name="update_atv">Update</button>
                                        </form></td>
                                    <td><form action="<?php echo $app_path?>index.php"
method="post">
                                                <input type="hidden" name="action"
value="delete_activity" />
                                                <input type="hidden" name="id_atv" value="<?php
echo $activity['id_atv']; ?>" />
                                                 <button class="btn btn-primary" type="submit"
name="delete_atv">Delete</button>
                                        </form></td>
                                </tr><?php endforeach; ?>
                            </tbody>
                    </table>
            </div> <!-- End Table Responsive -->

<?php include('view/footer.php') ?>

<!--
Author: John Gray
Last Revision: 04.29.14
File Name: home_admin.php
Description: Home page for admin users
-->

<?php
// If the user isn't logged in, force the user to login
if (!isset($_SESSION['is_valid_user'])) {
    header("Location: ..");
}
include('view/header.php'); //Connect to header file
?>

<body id='home_admin'>
    <div class="container">
        <?php include('view/admin_nav.php') // Include navigation specific to
authorized users ?>

        <header>
            <h1>The Dirtbag Way</h1>
        </header>

        <section class="row">
            <div class="col-lg-9 col-sm-8 col-lg-push-3 col-sm-push-4">
                <h1>Administrators</h1>
                <article>
                    <p>Please use the tools here to edit users' profiles, add and edit
activities. In time, more tools will be placed here for your use in administering the
dirtbagway.</p>
                </article>
            </div>
```

```php
                    <?php include('view/admin_sidebar.php') // Include navigation specific
to authorized users ?>
        </section> <!-- End Row -->
        <?php include('view/footer.php'); ?>


<!--
Author: John Gray
Last Revision: 04.29.14
File Name: single_activity_admin.php
Description: Displays results of activities search
-->

<?php
// If the user isn't logged in, force the user to login
if (!isset($_SESSION['is_valid_user'])) {
    header("Location: ..");
}
include('view/header.php'); //Connect to header file
?>

<body class='admin_activities'>
    <div class="container">
      <?php include('view/admin_nav.php') // Include navigation specific to authorized
users ?>

          <header>
            <h1>The Dirtbag Way</h1>
        </header>

        <section class="row">
            <div class="col-lg-9 col-sm-8 col-lg-push-3 col-sm-push-4">
                <h3>Search Activities</h3>
                    <form action="index.php" method="post">
                        <input type="hidden" name="action" value="activity_search" /
>
                        <div class='form-group'>

<!--                        <label>Name or </label> -->
                        <input type="input" name="search" />
                        <button class='btn btn-primary' type="submit"
value="Search">Search</button>
                        </div>
                    </form>
            </div>
                <?php include('view/admin_sidebar.php') // Include navigation specific
to authorized users ?>
        </section> <!-- End Row -->

    <table class="table table-striped">
        <tr>
            <th>ID</th>
            <th>Name</th>
            <th>Description</th>
            <th>Update</th>
            <th>Delete</th>
        </tr>

        <?php foreach ($search_activities as $activity) : ?>
```

```html
    <tr>
        <td><?php echo $activity['id_atv']; ?></td>
        <td><?php echo $activity['name_atv']?></td>
        <td><?php echo $activity['description_atv']?></td>

            <td><form action="<?php echo $app_path?>index.php" method="post">
                            <input type="hidden" name="action"
value="update_activity_form" />
                            <input type="hidden" name="id_atv" value="<?php
echo $activity['id_atv']; ?>" />
                            <input type="hidden" name="name" value="<?php echo
$activity['name_atv']; ?>" />
                            <input type="hidden" name="description" value="<?
php echo $activity['description_atv']; ?>" />
                             <button class="btn btn-primary" type="submit"
name="update_atv">Update</button>
                        </form></td>
            <td><form action="<?php echo $app_path?>index.php" method="post">
                    <input type="hidden" name="action" value="delete_activity" />
                    <input type="hidden" name="id_atv" value="<?php echo
$activity['id_atv']; ?>" />
                     <input class="btn btn-primary" type="submit"
name="delete_activity" value="Delete" />
                </form></td>
        </tr><?php endforeach; ?>
    </table>

<?php include('view/footer.php') ?>

<!--
Author: John Gray
Last Revision: 05.02.14
File Name: single_user_admin.php
Description: Displays results of user search
-->

<?php
// If the user isn't logged in, force the user to login
if (!isset($_SESSION['is_valid_user'])) {
    header("Location: ..");
}
include('view/header.php'); //Connect to header file
?>

<body class='admin_user'>
    <div class="container">
      <?php include('view/admin_nav.php') // Include navigation specific to authorized
users ?>

        <header>
          <h1>The Dirtbag Way</h1>
        </header>

        <section class="row">
            <div class="col-lg-9 col-sm-8 col-lg-push-3 col-sm-push-4">
                <h3>User Search</h3>
                <p>Find users via their username, first, or last name.</p>
                    <form action="index.php" method="post">
```

```php
                                <input type="hidden" name="action" value="user_search" />
                                <div class='form-group'>

<!--                                    <label>Name or </label> -->
                                <input type="input" name="search" />
                                <button class='btn btn-primary' type="submit"
value="Search">Search</button>
                                </div>
                        </form>
                </div>
                    <?php include('view/admin_sidebar.php') // Include navigation specific
to authorized users ?>
            </section> <!-- End Row -->

    <table class="table table-striped">
        <tr>
            <th>ID</th>
            <th>Username</th>
            <th>First Name</th>
            <th>Last Name</th>
            <th>Privileges</th>
            <th>Profile</th>
            <th>Update</th>
            <th>Delete</th>
        </tr><?php foreach ($search_users as $user) : ?>
        <tr>
            <td><?php echo $user['id_usr']; ?></td>
            <td><?php echo $user['username_usr']?></td>
            <td><?php echo $user['fname_usr']?></td>
            <td><?php echo $user['lname_usr']?></td>
            <td><?php echo $user['privileges_usr']?></td>
            <td><?php echo $user['profile_usr']?></td>
            <td><form action="<?php echo $app_path?>index.php" method="post">
                    <input type="hidden" name="action" value="update_user_form" />
                    <input type="hidden" name="user_id" value="<?php echo
$user['id_usr']; ?>" />
                    <input type="hidden" name="username" value="<?php echo
$user['username_usr']; ?>" />
                    <input type="hidden" name="fname" value="<?php echo
$user['fname_usr']; ?>" />
                    <input type="hidden" name="lname" value="<?php echo
$user['lname_usr']; ?>" />
                    <input type="hidden" name="privileges" value="<?php echo
$user['privileges_usr']; ?>" />
                    <input type="hidden" name="visibility" value="<?php echo
$user['visibility_usr']; ?>" />
                    <input type="hidden" name="profile" value="<?php echo
$user['profile_usr']; ?>" />
                     <button class="btn btn-primary" type="submit"
name="update_usr">Update</button>
                </form></td>
            <td><form action="<?php echo $app_path?>index.php" method="post">
                    <input type="hidden" name="action" value="delete_user" />
                    <input type="hidden" name="user_id" value="<?php echo
$user['id_usr']; ?>" />
                     <button class="btn btn-primary" type="submit" />Delete</button>
                </form></td>
        </tr><?php endforeach; ?>
```

```php
        </table>
<?php include('view/footer.php') ?>
<!--
Author: John Gray
Last Revision: 05.02.14
File Name: update_activities_admin.php
Description: Provides a form for updating activities
-->

<?php
// If the user isn't logged in, force the user to login
if (!isset($_SESSION['is_valid_user'])) {
    header("Location: ..");
}
include('view/header.php'); //Connect to header file
?>

<body class='admin_activities'>
    <div class="container">
<?php include('view/admin_nav.php') // Include navigation specific to authorized
users ?>

        <header>
          <h1>The Dirtbag Way</h1>
        </header>

        <section class="row">
            <div class="col-lg-9 col-sm-8 col-lg-push-3 col-sm-push-4">
            <?php
                    if(isset($error_message)){
                        echo "<div class='alert alert-info alert-dismissiable'>
                                        <button type='button' class='close' data-
dismiss='alert'>&times;</button><h4>"
                                        .$error_message.
                                "</h4></div>";
                    }
                    ?>
                <h3>Activity Search</h3>
<!--            <p>Find Activities</p>                    -->
                    <form action="index.php" method="post">
                        <input type="hidden" name="action" value="activity_search" /
>
                        <div class='form-group'>

                            <input type="input" name="search" />
                            <button class='btn btn-primary' type="submit"
value="Search">Search</button>
                            </div>
                    </form>

                    <button class="btn btn-primary btn-lg" data-toggle="modal" data-
target=".add_activity-modal-lg">Add Activity</button>
                    <div class="modal fade add_activity-modal-lg" tabindex="-1"
role="dialog" aria-labelledby="myLargeModalLabel" aria-hidden="true">
                            <div class="modal-dialog modal-lg">
                                <div class="modal-content">
                                    <div class="modal-header">
                                        <button type="button" class="close" data-
```

```
dismiss="modal" aria-hidden="true">&times;</button>
                                                <h4 class="modal-title">Add Activity</h4>
                                </div>     <!-- End Modal Header -->

                                <div class="modal-body">

                                        <form class="form" action="<?php echo
$app_path?>/index.php" method="post" id="create_user" role="form" accept-
charset="UTF-8">
                                                <input type="hidden" name="action"
value="add_activity">
                                                    <div class='form-group'>
                                                        <label>Name</label>
                                                        <input id="activity_name"
class='form-control' type="text" name="name" required="" placeholder="Name">
                                                    </div>
                                                    <div class='form-group'>

                                                        <label>Description</label>
                                                        <textarea
id="activity_desctription" class='form-control' rows="5" name="description"
required="" placeholder="Define the activity"></textarea>
                                                    </div>
                                            <button class="btn btn-primary btn-lg
center_btn" type="submit" name="submit">Submit</button>
                                        </form>
                                </div> <!-- End Modal-body -->
                            </div> <!-- End Modal-content -->
                        </div> <!-- End modal-dialog -->
                    </div>     <!-- End Modal-fade -->

            </div>
                <?php include('view/admin_sidebar.php') // Include navigation specific
to authorized users ?>
        </section> <!-- End Row -->
          <h3>Activity</h3>
          <form class='form activity_form' action="<?php echo $app_path?>index.php"
method="post" role='form'>
                <input type="hidden" name="action" value="update_activity" />
                <input type="hidden" name="id_atv" value="<?php echo $id_atv; ?>" />

                <div class="form-group">
                  <label>Name</label>
                  <input type="input" class='form-control' name="name" value="<?php
echo $name_atv; ?>" />
                </div>

                <div class="form-group">
                  <label>Description</label>
                  <textarea class='form-control' name="description" rows="5" value="<?
php echo $description_atv; ?>"/><?php echo $description_atv; ?></textarea>
                </div>
                <button class="btn btn-primary btn-lg" type="submit"
name="update_activity"/>Submit</button>
          </form>
<?php include('view/footer.php') ?>

<!--
```

```
Author: John Gray
Last Revision: 05.02.14
File Name: update_users_admin.php
Description: Provides a form for updating users
-->

<?php
// If the user isn't logged in, force the user to login
if (!isset($_SESSION['is_valid_user'])) {
    header("Location: ..");
}
include('view/header.php'); //Connect to header file
?>

<body class='admin_user'>
    <div class="container">
     <?php include('view/admin_nav.php') // Include navigation specific to authorized
users ?>

          <header>
            <h1>The Dirtbag Way</h1>
        </header>

        <section class="row">
            <div class="col-lg-9 col-sm-8 col-lg-push-3 col-sm-push-4">
                <?php
                    if(isset($error_message)){
                        echo "<div class='alert alert-info alert-dismissiable'>
                                    <button type='button' class='close' data-
dismiss='alert'>&times;</button><h4>"
                                    .$error_message.
                            "</h4></div>";
                    }
                    ?>
                <h3>User Search</h3>
                <p>Find users via their username, first, or last name.</p>
                    <form action="index.php" method="post">
                        <input type="hidden" name="action" value="user_search" />
                        <div class='form-group'>

                            <input type="input" name="search" />
                            <button class='btn btn-primary' type="submit"
value="Search">Search</button>
                        </div>
                    </form>
            </div>
                <?php include('view/admin_sidebar.php') // Include navigation specific
to authorized users ?>
        </section> <!-- End Row -->

    <h3>Update A User</h3>
    <form class='form user_form' action="<?php echo $app_path?>index.php"
method="post" id='update_user' role='form'>
        <input type="hidden" name="action" value="update_user_admin" />
        <input type="hidden" name="id_usr" value="<?php echo $id_usr; ?>" />

        <div class="form-group">
          <label>First Name</label>
```

```php
                <input type="input" class='form-control' name="fname" value="<?php echo
$fname; ?>" />
            </div>

            <div class="form-group">
              <label>Last Name</label>
              <input type="input" class='form-control' name="lname" value="<?php echo
$lname; ?>"/>
        </div>

            <div class="form-group">
              <label>Password</label>
              <input type="password" class='form-control' name="password" required="" />
            </div>

            <div class="form-group">
              <label>Privileges</label>
              <select class="form-control" name="privileges" />
                    <option<?php if ($privileges == "user"): ?> selected="selected"<?
php endif; ?>>user</option>
                    <option<?php if ($privileges == "admin"): ?>
selected="selected"<?php endif; ?>>admin</option>
                </select>
            </div>

            <div class="form-group">
              <label>Visibility</label>
              <select class='form-control' name="visibility" />
                    <option<?php if ($visibility == "public"): ?>
selected="selected"<?php endif; ?>>public</option>
                    <option<?php if ($visibility == "private"): ?>
selected="selected"<?php endif; ?>>private</option>
                </select>
            </div>

            <div class="form-group">
              <label>Profile</label>
              <textarea class="form-control" name="profile" value="<?php echo
$profile; ?>"/><?php echo $profile; ?></textarea>
            </div>
              <button class="btn btn-primary btn-lg" type="submit" value="Update User" /
>Submit</button>
      </form>

<?php include('view/footer.php') ?>

<!--
Author: John Gray
Last Revision: 04.29.14
File Name: users_admin.php
Description: Provides a list of users with options to edit or delete them
-->

<?php
// If the user isn't logged in, force the user to login
if (!isset($_SESSION['is_valid_user'])) {
    header("Location: ..");
}
```

```php
    include('view/header.php'); //Connect to header file
?>

<body class='admin_user'>
    <div class="container">
      <?php include('view/admin_nav.php') // Include navigation specific to authorized
users ?>

            <header>
              <h1>The Dirtbag Way</h1>
        </header>

        <section class="row">
            <div class="col-lg-9 col-sm-8 col-lg-push-3 col-sm-push-4">
                <?php
                    if(isset($error_message)){
                        echo "<div class='alert alert-info alert-dismissiable'>
                                        <button type='button' class='close' data-
dismiss='alert'>&times;</button><h4>"
                                        .$error_message.
                            "</h4></div>";
                    }
                    ?>
                <h3>User Search</h3>
                <p>Find users via their username, first, or last name.</p>
                    <form action="index.php" method="post">
                            <input type="hidden" name="action" value="user_search" />
                            <div class='form-group'>

                                <input type="input" name="search" />
                                <button class='btn btn-primary' type="submit"
value="Search">Search</button>
                            </div>
                    </form>
            </div>
                <?php include('view/admin_sidebar.php'); // Include navigation specific
to authorized users ?>
        </section> <!-- End Row -->

          <div class="table-responsive">
              <table class="table table-striped table-hover">
                  <tr>
                      <th>ID</th>
                      <th>Username</th>
                      <th>First Name</th>
                      <th>Last Name</th>
                      <th>Privileges</th>
                      <th>Visibility</th>
                      <th>Profile</th>
                      <th>Update</th>
                      <th>Delete</th>
                  <?php $users = get_users(); ?>
                  </tr><?php foreach ($users as $user) : ?>

                  <tr>
                      <td><?php echo $user['id_usr']; ?></td>

                      <td><?php echo $user['username_usr']?></td>
```

```php
                    <td><?php echo $user['fname_usr']?></td>

                    <td><?php echo $user['lname_usr']?></td>

                    <td><?php echo $user['privileges_usr']?></td>

                    <td><?php echo $user['visibility_usr']?></td>

                    <td><?php echo $user['profile_usr']?></td>

                    <td><form action="<?php echo $app_path?>index.php"
method="post">
                            <input type="hidden" name="action"
value="update_user_form" />
                            <input type="hidden" name="user_id" value="<?php echo
$user['id_usr']; ?>" />
                            <input type="hidden" name="username" value="<?php echo
$user['username_usr']; ?>" />
                            <input type="hidden" name="fname" value="<?php echo
$user['fname_usr']; ?>" />
                            <input type="hidden" name="lname" value="<?php echo
$user['lname_usr']; ?>" />
                            <input type="hidden" name="privileges" value="<?php echo
$user['privileges_usr']; ?>" />
                            <input type="hidden" name="visibility" value="<?php echo
$user['visibility_usr']; ?>" />
                            <input type="hidden" name="profile" value="<?php echo
$user['profile_usr']; ?>" />
                            <button class="btn btn-primary" type="submit"
name="update_usr">Update</button>
                        </form></td>
                    <td><form action="<?php echo $app_path?>index.php"
method="post">
                            <input type="hidden" name="action" value="delete_user" /
>
                            <input type="hidden" name="user_id" value="<?php echo
$user['id_usr']; ?>" />
                            <button class="btn btn-primary" type="submit"
name="delete_usr">Delete</button>
                        </form></td>
                </tr><?php endforeach; ?>
            </table>
        </div>        <!-- End Responsive Table -->
<?php include('view/footer.php') ?>
```

Public App

```php
<!--
Author: John Gray
Last Revision: 05.07.14
File Name: about.php
Description: Information about the purpose of the dirtbag way
-->

<?php
session_start();
require_once('../util/main.php'); // Gets the application path
```

```php
include('view/header.php'); //Connect to header file
error_reporting(E_ALL & ~E_NOTICE);
?>

<body id='about'>
    <div class="container">
        <?php
        if(isset($_SESSION['is_valid_user']) & ($_SESSION['privilege'] == 'user')) {
            include('view/users_nav.php');
        } elseif(isset($_SESSION['is_valid_user']) & ($_SESSION['privilege'] ==
'admin')) {
            include('view/admin_nav.php');
        }    else{
            include('view/public_nav.php');
        }
         ?>
      <header>
          <h1>The Dirtbag Way</h1>
      </header>

    <h1>Welcome to The Dirtbag Way</h1>

      <article>
            <blockquote ><a href="http://www.urbandictionary.com/define.php?
term=dirtbag">dirtbag</a> is <em>a person who is committed to a given (usually
extreme) lifestyle to the point of abandoning employment and other societal norms in
order to pursue said lifestyle</em>. </blockquote>
            <p>While we may not completely agree with the definition above, I think
it&#8217;s fair to say we live on our own terms in order to pursue our passions.</p>

            <p>Many of us work seasonally in the outdoor adventure field as
instructors, guides, rangers, and ski patrollers, but this isn&#8217;t what we say
when people ask, &#8220;What do you do?&#8221; Instead, we answer based on our chosen
pursuits. </p>
            <p>As dirtbags, we want to spend our time climbing mountains, paddling
whitewater, or biking across the country. And we are willing to sacrifice having the
comforts of steady employment and a stable home life to do so. </p>

            <p>This choice does not come easily, though. Many of us have to
navigate relationships with family and friends who don&#8217;t understand our
lifestyle. We have to find meaningful employment that not only provides an income —
meager though it may be — but also allows us to continue to do the things we love. We
have to work out systems for living out of our trucks or finding safe places to sleep.
We have to manage finances and think about where we can get mail sent.</p>

            <p>In figuring out these challenges, dirtbags are creative, passionate,
clever, and determined.</p>
            <p>My partner Justinn and I are a part of this community that has
taught us so much. So we are creating The Dirtbag Way to support and build a community
of people dedicated to the idea of living a life of adventure.</p>

            <p>Information on finances, employment, and travel will be featured on
this site, along with the stories this community has to tell. </p>

            <p>What might this look like? For starters, we are working on
establishing a &#8220;permanent address,&#8221; where community members can have their
mail sent, then sorted and forwarded either physically or virtually to wherever our
adventures take us. In time, we hope to create interactive outdoor logs that are easy
```

and fun for the dirtbag community to use to keep track of all our outdoor adventures. These logs will be useful for creating outdoor resumes to give to perspective employers.</p>
                <p>We have lots of other ideas rattling around, but we also want to hear from you. </p>
                <p>What information, tools, and services would help you to live The Dirtbag Way?</p>
                <p>Here’s what to do next:

                    Let your friends know about this site, and keep an eye out for more content coming soon.
                    Find us on twitter at @dirtbagway and on our facebook page.
                    And share photos from your latest adventures by adding #thedirtbagway to your best instagram shots.

                <p>Thanks for checking us out and we hope to hear from you soon.</p>

                <p>John</p>
        </article>
          <div class="modal fade bs-example-modal-lg" tabindex="-1" role="dialog" aria-labelledby="myLargeModalLabel" aria-hidden="true">
                <div class="modal-dialog modal-lg">
                    <div class="modal-content">
                        <div class="modal-header">
                            <button type="button" class="close" data-dismiss="modal" aria-hidden="true">×</button>
                            <h4 class="modal-title">Sign Up Here</h4>
                        </div>   <!-- End Modal Header -->

                        <div class="modal-body">

                            <form class="form" action="<?php echo $app_path?>/index.php" method="post" id="create_user" role="form" accept-charset="UTF-8">
                                <input type="hidden" name="action" value="create_user">
                                    <div class='form-group'>
                                        <label>Username</label>
                                        <input id="user_username" class='form-control' type="text" name="username" required="" placeholder="username">
                                    </div>
                                    <div class='form-group'>

                                        <label>Password</label>
                                        <input id="user_password" class='form-control' type="password" name="password" required="" placeholder="password">
                                    </div>
                                     <div class='form-group'>

                                        <label>First Name</label>
                                        <input id="user_fname" class='form-control' type="text" name="fname" required="" placeholder="First Name">
                                    </div>
                                    <div class='form-group'>

                                        <label>Last Name</label>
                                        <input id="user_lname" class='form-control' type="text" name="lname" required="" placeholder="Last Name">

```html
                                                    </div>
                                                    <select multiple class='form-control'
name="visibility" required="">
                                                        <option name="public" value="public">I
want to share my profile and stats.</option>
                                                        <option name="private"
value="private">I want my information to remain private.</option>
                                                    </select>
                                                    <div class='form-group'>

                                                        <label>Profile</label>
                                                        <textarea class='form-control'
id="user_profile" rows="5" name="profile" placeholder="Tell us about yourself.."></
textarea>
                                                    </div>
                                                    <div class='form-group'>

                                                        <label>Are you human?</label>
                                                        <input name="captcha" type="text">
                                                        <img src="<?php echo $app_path?>/util/
captcha.php" />
                                                    </div>
                                                <button class="btn btn-primary btn-lg center_btn"
type="submit" name="submit">Submit</button>
                                            </form>
                                    </div> <!-- End Modal-body -->
                                </div> <!-- End Modal-content -->
                            </div> <!-- End modal-dialog -->
                    </div>      <!-- End Modal-fade -->


<?php include('view/footer.php') ?>


<!--
Author: John Gray
Last Revision: 05.02.14
File Name: create_user_form
Description: Form used to create a user profile, currently not in use as this is
displayed via a modal.
-->
<?php
require_once('util/main.php'); // Gets the application path
include('view/header.php'); //Connect to header file
?>


<body>
    <section class="container">
        <?php
        if(isset($_SESSION['is_valid_user']) & ($_SESSION['privilege'] == 'user')) {
            include('view/users_nav.php');
        } elseif(isset($_SESSION['is_valid_user']) & ($_SESSION['privilege'] ==
'admin')) {
            include('view/admin_nav.php');
        }   else{
            include('view/public_nav.php');
        }
         ?>
    <div class="row"> <!-- Page Header -->
        <header>
```

```html
            <h1>The Dirtbag Way</h1>
        </header>
    </div> <!-- End Header -->

            <form class="form user_form" action="<?php echo $app_path?>/index.php"
method="post" id="create_user" role="form" accept-charset="UTF-8">
            <input type="hidden" name="action" value="create_user">
                <div class='form-group'>
                    <label>Username</label>
                    <input id="user_username" class='form-control' type="text"
name="username" required="" placeholder="username">
                </div>
                <div class='form-group'>

                    <label>Password</label>
                    <input id="user_password" class='form-control'
type="password" name="password" required="" placeholder="password">
                </div>
                <div class='form-group'>

                    <label>First Name</label>
                    <input id="user_fname" class='form-control' type="text"
name="fname" required="" placeholder="First Name">
                </div>
                <div class='form-group'>

                    <label>Last Name</label>
                    <input id="user_lname" class='form-control' type="text"
name="lname" required="" placeholder="Last Name">
                </div>
                <select multiple class='form-control' name="visibility"
required="">
                    <option name="public" value="public">I want to share my
profile and stats.</option>
                    <option name="private" value="private">I want my information
to remain private.</option>
                </select>
                <div class='form-group'>

                    <label>Profile</label>
                    <textarea class='form-control' id="user_profile" rows="5"
name="profile" placeholder="Tell us about yourself.."></textarea>
                </div>
                <div class='form-group'>

                    <label>Are you human?</label>
                    <input class='form-control' type="text" name="captcha"
required="" placeholder="Enter the text you see below..">
                    <br />
                    <img src="<?php echo $app_path?>/util/captcha.php" />
                </div>

            <input class="btn btn-primary" type="submit" name="submit"
value="Sign Up">
        </form>
<?php include('view/footer.php') ?>

<!--
```

```php
Author: John Gray
Last Revision: 05.07.14
File Name: home_public.php
Description: This is the first page displayed when dirtbagway.com loads.
-->


<?php
include('view/header.php'); //Connect to header file
?>
<body id='home_public'>
    <div class="container">
        <?php
            error_reporting(E_ALL & ~E_NOTICE);
        if(isset($_SESSION['is_valid_user']) & ($_SESSION['privilege'] == 'user')) {
            include('view/users_nav.php');
        } elseif(isset($_SESSION['is_valid_user']) & ($_SESSION['privilege'] ==
'admin')) {
            include('view/admin_nav.php');
        }    else{
            include('view/public_nav.php');
        }
         ?>
    <div class="row"> <!-- Page Header -->
        <header>
            <?php
                if(isset($login_message)){
                    echo "<div class='alert alert-info alert-dismissiable'>
                            <button type='button' class='close' data-
dismiss='alert'>&times;</button><h4>"
                                .$login_message.
                        "</h4></div>";
                }
            ?>
         <h1>The Dirtbag Way</h1>
        </header>
    </div> <!-- End Header -->
        <section class="jumbotron">
            <img class="img-responsive img-rounded" src='<?php echo $app_path?
>images/nzroad1170.png' alt="Lonely road on New Zealand's South Island">
        </section>
                <h3>Welcome</h3>
                <p>The Dirtbag Way is a community of people dedicated to the idea
of living a maximum lifestyle with a minimal income. We hope this site will provide
helpful information and tools as well as stories of inspiration to the community. In
time we hope to provide information on how to manage finances, gain employment, and
travel inexpensively. We have tools available to make it fun for members of the
community track the number of days they work and play.</p>
            <h3>What's Happening?</h3>
            <?php $public_entries = get_entries_public(); ?>
            <?php foreach ($public_entries as $public_entry) : ?>
            <h5><?php echo ucfirst($public_entry['username_usr'])?> has been <?php
echo $public_entry['name_atv']?> at <?php echo $public_entry['location_ent']?>!</h5>
            <?php endforeach; ?>
        <section>
            <h3>What About You?</h3>
            <p>By joining the dirtbag community, you can keep track of your own
adventures as well as others. You will be able to follow the exploits of other
dirtbags who choose to share their information and choose whether or not you would
```

```
like to display your glory to the world or keep your information private.</p>
                <button class="btn btn-primary btn-lg center_btn" data-toggle="modal"
data-target=".bs-example-modal-lg">Join Us!</button>
                    <div class="modal fade bs-example-modal-lg" tabindex="-1"
role="dialog" aria-labelledby="signupLabel" aria-hidden="true">
                        <div class="modal-dialog modal-lg">
                            <div class="modal-content">
                                <div class="modal-header">
                                    <button type="button" class="close" data-
dismiss="modal" aria-hidden="true">&times;</button>
                                    <h4 id="sigupLabel"class="modal-title">Sign
Up Here</h4>
                                </div>      <!-- End Modal Header -->

                                <div class="modal-body">

                                    <form class="form" action="<?php echo
$app_path?>/index.php" method="post" id="create_user" role="form" accept-
charset="UTF-8">
                                        <input type="hidden" name="action"
value="create_user">
                                            <div class='form-group'>
                                                <label>Username</label>
                                                <input id="user_username"
class='form-control' type="text" name="username" required="" pattern="[a-zA-Z0-9_]+"
title='The username can only consist of alphabetical, number and underscore'
placeholder="username">
                                            </div>
                                            <div class='form-group'>

                                                <label>Password</label>
                                                <input id="user_password"
class='form-control' type="password" name="password" required="" pattern=".{8,16}"
required title="8 to 16 characters" placeholder="password">
                                            </div>
                                             <div class='form-group'>

                                                <label>First Name</label>
                                                <input id="user_fname"
class='form-control' type="text" name="fname" required="" pattern="[a-zA-Z0-9_]+"
title='The name can only consist of alphabetical, number and underscore'
placeholder="First Name">
                                            </div>
                                            <div class='form-group'>

                                                <label>Last Name</label>
                                                <input id="user_lname"
class='form-control' type="text" name="lname" required="" pattern="[a-zA-Z0-9_]+"
title='The name can only consist of alphabetical, number and underscore'
placeholder="Last Name">
                                            </div>

                                            <div class='form-group'>
                                                <label>Would you like to
share your exploits with other users?</label>

                                                <select multiple
class='form-control' name="visibility" required="">
```

```html
                                                <option value="public">I
want to share my profile and stats.</option>
                                                <option
value="private">I want my information to remain private.</option>
                                            </select>
                                        </div>

                                        <div class='form-group'>

                                            <label>Profile</label>
                                            <textarea class='form-
control' id="user_profile" rows="5" name="profile" required="" placeholder="Tell us
about yourself.."></textarea>
                                        </div>
                                        <div class='form-group'>

                                            <label>Are you human?</label>
                                            <input class='form-control'
type="text" name="captcha" alt="Captcha Image"required="" placeholder="Enter the text
you see below..">

                                            <br />
                                            <img src="<?php echo
$app_path?>/util/captcha.php" />
                                        </div>

                                    <button class="btn btn-primary btn-lg
center_btn" type="submit" name="submit">Submit</button>
                                    </form>
                                </div> <!-- End Modal-body -->
                            </div> <!-- End Modal-content -->
                        </div> <!-- End modal-dialog -->
                    </div>     <!-- End Modal-fade -->
        </section><!-- End Join us section -->
<?php include('view/footer.php') ?>

<!--
Author: John Gray
Last Revision: 04.29.14
File Name: resources.php
Description: Useful links for site users.
-->
<?php
session_start();
require_once('../util/main.php'); // Gets the application path
include('view/header.php'); //Connect to header file
error_reporting(E_ALL & ~E_NOTICE);
?>

<body id='resources'>
    <div class="container">
        <?php
        if(isset($_SESSION['is_valid_user']) & ($_SESSION['privilege'] == 'user')) {
            include('view/users_nav.php');
        } elseif(isset($_SESSION['is_valid_user']) & ($_SESSION['privilege'] ==
'admin')) {
            include('view/admin_nav.php');
        }   else{
```

```php
            include('view/public_nav.php');
        }
         ?>

    <header>
        <h1>The Dirtbag Way</h1>
    </header>

    <h1>Inspiration and Information</h1>
    <img class="img-responsive img-rounded pull-left" src='<?php echo $app_path?
>images/kayakers.jpg' alt="Sea kayakers returning from a long trip">

    <article class="clearfix">
            <h4>Dirtbag Stories</h4>
            <ul id='resources'>
                <li><a href="http://www.dirtbagdiaries.com">The Dirtbag Diaries
Podcast</a></li>
                <li><a href="http://climbinghouse.com/2012/03/dirtbag-
explained.html">The Dirtbag Explained</a></li>
            </ul>

            <h4>Travel</h4>
            <ul>
                <li><a href="http://www.gonomad.com/1550-gonomad-transports-
page">Go Nomad</a></li>
                <li><a href="http://www.vagabonding.net">Vagabonding</a></li>
                <li><a href="http://www.microadventures.org">Micro Adventures</
a></li>
            </ul>

            <h4>Employment</h4>
            <ul>
                <li><a href="http://www.coolworks.com">Cool Works</a></li>
                <li><a href="http://outdoored.com/jobs/oe/default.aspx">Outdoor
Ed&#8217;s Jobs</a></li>
                <li><a href="http://www.nols.edu/alumni/employment/
jobsnetwork.shtml">NOLS Jobnet</a></li>
            </ul>
        </article>
        <div class="modal fade bs-example-modal-lg" tabindex="-1" role="dialog"
aria-labelledby="myLargeModalLabel" aria-hidden="true">
            <div class="modal-dialog modal-lg">
                <div class="modal-content">
                    <div class="modal-header">
                        <button type="button" class="close" data-
dismiss="modal" aria-hidden="true">&times;</button>
                        <h4 class="modal-title">Sign Up Here</h4>
                    </div>    <!-- End Modal Header -->

                    <div class="modal-body">

                        <form class="form" action="<?php echo $app_path?>/
index.php" method="post" id="create_user" role="form" accept-charset="UTF-8">
                            <input type="hidden" name="action"
value="create_user">
                                <div class='form-group'>
                                    <label>Username</label>
                                    <input id="user_username" class='form-
```

```
control' type="text" name="username" required="" placeholder="username">
                                                    </div>
                                                    <div class='form-group'>

                                                         <label>Password</label>
                                                         <input id="user_password" class='form-
control' type="password" name="password" required="" placeholder="password">
                                                    </div>
                                                     <div class='form-group'>

                                                         <label>First Name</label>
                                                         <input id="user_fname" class='form-
control' type="text" name="fname" required="" placeholder="First Name">
                                                    </div>
                                                    <div class='form-group'>

                                                         <label>Last Name</label>
                                                         <input id="user_lname" class='form-
control' type="text" name="lname" required="" placeholder="Last Name">
                                                    </div>
                                                    <select multiple class='form-control'
name="visibility" required="">
                                                         <option name="public" value="public">I
want to share my profile and stats.</option>
                                                         <option name="private"
value="private">I want my information to remain private.</option>
                                                    </select>
                                                    <div class='form-group'>

                                                         <label>Profile</label>
                                                         <textarea class='form-control'
id="user_profile" rows="5" name="profile" placeholder="Tell us about yourself.."></
textarea>
                                                    </div>
                                                    <div class='form-group'>

                                                         <label>Are you human?</label>
                                                         <input name="captcha" type="text">
                                                         <img src="<?php echo $app_path?>/util/
captcha.php" />
                                                    </div>
                                            <button class="btn btn-primary btn-lg center_btn"
type="submit" name="submit">Submit</button>
                                        </form>
                            </div> <!-- End Modal-body -->
                    </div> <!-- End Modal-content -->
              </div> <!-- End modal-dialog -->
          </div>     <!-- End Modal-fade -->
<?php include('view/footer.php') ?>
```

Users App

```
<!--
Author: John Gray
Last Revision: 05.05.14
File Name: home_users.php
Description: Home page for registered users.
-->
```

```php
<?php
// If the user isn't logged in, force the user to login
if (!isset($_SESSION['is_valid_user'])) {
    header("Location: ..");
}
include('view/header.php'); //Connect to header file
?>

<body id='home_user'>
    <div class="container">
        <?php include('view/users_nav.php') // Include navigation specific to
authorized users ?>

        <header>
            <h1>The Dirtbag Way</h1>
        </header>

        <section class="row">
            <div class="col-lg-9 col-sm-8 col-lg-push-3 col-sm-push-4">
<!--                <h2 class='center'>Welcome <?php echo $_SESSION['username']?></
h2> -->
                <h3 class='center'>What Did You Do Today?</h3>
                    <ul id='home_user_list'>
                        <li><h5>Bomb That Killer Downhill?</h5></li>
                        <li><h5>PR Your Favorite Trail Run?</h5></li>
                        <li><h5>Finish That Rapid Still Right Side Up?</h5></li>
                    </ul>
                    <p>Here is your place to record all of your adventures and
accomplishments. Use this space to write down as much or as little as you want about
what you have been up to out there. If you are a public user, your entries will be
shared with the dirtbag community. So what are you waiting for? If you&#8217;re not
logging what you&#8217;ve been up to you better be out the door or planning your next
trip.</p>
                    <form action="<?php echo $app_path?>index.php" method="post"
id="show_log_entry_form" accept-charset="UTF-8">
                    <input type="hidden" name="action" value="show_log_entry_form">
                    <button class="btn btn-primary btn-lg center_btn"
type="submit">Log Entry Now</button>
                    </form>
            </div>
                <?php include('view/users_sidebar.php') // Include navigation specific
to authorized users ?>
        </section> <!-- End Row -->
            <?php $days = days_by_role($_SESSION['user_id']);
                    foreach ($days as $day):
                    endforeach;
                    if ($day['Total Days'] > 0): ?>
        <h3 class="center">How You Have Been Spending Your Time</h3>
         <div class="table-responsive">
            <table class="table table-striped table-hover">
                <tr>
                <th>Playing</th>
                <th>Training</th>
                <th>Working</th>
                <th>Total</th>
                </tr>
                <?php foreach ($days as $day) : ?>
```

```php
                <tr>
                    <td><?php echo $day['Playing']?></td>
                    <td><?php echo $day['Training']?></td>
                    <td><?php echo $day['Working']?></td>
                    <td><?php echo $day['Total Days']?></td>
            </tr><?php endforeach; ?>
                </table>
        </div> <!-- End table-responsive -->
            <?php if ($day['Playing'] > $day['Working']){
                echo '<h4 class="center">Way to go dirtbag! You are playing more
than working!</h4>';
                } else {
                    echo '<h4 class="center">You are working too hard. Get out
and play some more!</h4>';
                }
            ?>
        <?php  endif; ?>

        <?php require('view/footer.php') ?>


<!--
Author: John Gray
Last Revision: 05.07.14
File Name: log_activity_form.php
Description: Page contains form for recording logbook entries
-->


<?php
// If the user isn't logged in, force the user to login
if (!isset($_SESSION['is_valid_user'])) {
    header("Location: ..");
}
include('view/header.php'); //Connect to header file

$activities = get_activities();
$roles = get_roles();
$states = get_states();
$countries = get_countries();
$username = $_SESSION['username'];
$id_usr = get_user_id($username);
?>

<body id="log_entry">
    <section class="container">
        <?php include('view/users_nav.php') // Include navigation specific to
authorized users ?>
        <div class="row">
            <header>   <!-- Page Header -->
                <h1>The Dirtbag Way</h1>
            </header>
        </div><!-- End Header -->

        <section class="row">
            <div class="col-lg-9 col-sm-8 col-lg-push-3 col-sm-push-4">
                <form class="form create_entry" action="<?php echo $app_path?
>index.php" method="post" id="create_entry" role="form" accept-charset="UTF-8">
                    <input type="hidden" name="action" value="create_entry"> <input
type="hidden" name="user_id" value="<?php echo $id_usr?>">
```

```html
                    <div class='form-group'>
                        <label>What were you doing?</label> <select name="activity_id"
class='form-control'>
                            <?php foreach ($activities as $activity) : ?>

                            <option value="<?php echo $activity['id_atv']; ?>">
                                <?php echo $activity['name_atv']; ?>
                            </option><?php endforeach; ?>
                        </select>
                    </div>

                    <div class='form-group'>
                        <label>For what reason?</label> <select name="role_id"
class='form-control'>
                            <?php foreach ($roles as $role) : ?>

                            <option value="<?php echo $role['id_rol']; ?>">
                                <?php echo $role['name_rol']; ?>
                            </option><?php endforeach; ?>
                        </select>
                    </div>

                    <div class='form-group'>
                        <label>What was the date?</label>
                        <div class="input-group date">
                                    <input type="text" class="form-control"
name="date" required=""><span class="input-group-addon"><i class="glyphicon glyphicon-
th"></i></span>
                        </div>

                    </div>
                                        <!--<div class='form-group'>
                    <label>What was the date?</label>
                    <input id="date" data-provide="datepicker" data-date-format="yyyy-
mm-dd" name="date" required="" placeholder="Date in YYYY-DD-MM">
                        </div>-->

                    <div class='form-group'>
                        <label>How many days did you do it?</label> <input
type="number" min="1" id="days" class='form-control' name="days" placeholder="Number
of Days">
                    </div>

                    <div class='form-group'>
                        <label>Where were you?</label> <input id="location"
class='form-control' type="text" name="location" required="" pattern="[a-zA-Z0-9_]+"
title='The location can only consist of alphabetical, number and
underscore'placeholder="Location">
                    </div>

                    <div class='form-group'>
                        <label>What state?</label> <select name="state_id"
class='form-control'>
                            <?php foreach ($states as $state) : ?>

                            <option value="<?php echo $state['id_sts']; ?>">
                                <?php echo $state['name_sts']; ?>
```

```php
            </option><?php endforeach; ?>
          </select>
      </div>

      <div class='form-group'>
          <label>Country?</label> <select name="country_id" class='form-
control'>

              <?php foreach ($countries as $country) : ?>

              <option value="<?php echo $country['id_cts'] ;?>">
                  <?php echo $country['name_cts']; ?>
              </option><?php endforeach; ?>
          </select>
      </div>

      <div class='form-group'>
          <label>What route did you take?</label> <input id="route"
class='form-control' type="text" name="route" required="" placeholder="Route">
      </div>

      <div class='form-group'>
          <label>How far did you travel? Use miles and leave this blank
if it doesn't apply to your activity.</label> <input type="number" min="1"
id="distance" class='form-control' name="distance" placeholder="Distance">
      </div>

      <div class='form-group'>
          <label>Describe it!</label>
          <textarea class='form-control' id="description" rows="5"
name="description" placeholder="Record the details about your activity..."></textarea>
      </div>
      <button class="btn btn-primary btn-lg center_btn" type="submit"
name="submit" value="Submit">Submit</button>
    </form>
  </div> <!-- End Form Column -->
  <?php include('view/users_sidebar.php') // Include navigation specific to
authorized users ?>
</section><!-- End Row -->
<?php include('view/footer.php') ?>

<!--
Author: John Gray
Last Revision: 04.29.14
File Name: search_entries_user.php
Description: Page displays a users logbook entries from the search function
-->

<?php
// If the user isn't logged in, force the user to login
if (!isset($_SESSION['is_valid_user'])) {
    header("Location: ..");
}
include('view/header.php'); //Connect to header file
?>

<body class='user_info'>
    <div class="container">
        <?php include('view/users_nav.php') // Include navigation specific to
```

```php
authorized users ?>

        <header>
            <h1>The Dirtbag Way</h1>
        </header>

        <section class="row">
            <div class="col-lg-9 col-sm-8 col-lg-push-3 col-sm-push-4">
                <h2>Welcome <?php echo $_SESSION['username']?></h2>
                    <?php if(isset($error_message)){
                        echo "<div class='alert alert-info alert-dismissiable'>
                                        <button type='button' class='close' data-
dismiss='alert'>&times;</button><h4>"
                                        .$error_message.
                                    "</h4></div>";
                    }
                    ?>
                <h3>Search</h3>
                    <form action="index.php" method="post">
                        <input type="hidden" name="action" value="search_entries" />
                        <input type="hidden" name="id_usr" value= "<?php echo
$_SESSION['user_id']?>" />
                        <div class='form-group'>

                            <input type="input" name="search" />
                            <button class='btn btn-primary' type="submit"
value="Search">Search</button>
                        </div>
                    </form>
            </div>
            <?php include('view/users_sidebar.php'); // Include navigation specific to
authorized users ?>
        </section> <!-- End Row -->

        <h3>Your Latest Adventures</h3>
            <div class="table-responsive">
                <table class="table table-striped table-hover">
                    <tr>
                        <th>What</th>
                        <th>Role</th>
                        <th>Date</th>
                        <th>Days</th>
                        <th>Location</th>
                        <th>Route</th>
                        <th>Distance</th>
                        <th>Description</th>
                        <th>Delete Entry</th>
                    </tr>
                    <?php foreach ($search_entries as $entry) : ?>
                    <tr>
                        <td><?php echo $entry['name_atv']?></td>

                        <td><?php echo $entry['name_rol']?></td>

                        <td><?php echo date('m/d/y',
strtotime($entry['date_ent']))?></td>

                        <td><?php echo $entry['num_days_ent']?></td>
```

```php
                                    <td><?php echo $entry['location_ent'] . ', ' .
$entry['abbr_sts'] . ', ' . $entry['code_cts']?></td>

                                    <td><?php echo $entry['route_ent']?></td>

                                    <td><?php echo $entry['distance_ent']?></td>

                                    <td><?php echo $entry['description_ent']?></td>

                                    <td>
                                        <form action="<?php echo $app_path?>index.php"
method="post">
                                            <input type="hidden" name="action"
value="delete_entry"> <input type="hidden" name="entry_id" value="<?php echo
$entry['id_ent']; ?>"> <button type="submit" class="btn btn-primary" name="delete_ent"
value="Delete">Delete Entry</button>
                                        </form>
                                    </td>
                            </tr><?php endforeach; ?>
                        </table>
                    </div>
        <?php require('view/footer.php') ?>
    </div>


<!--
            <form action="<?php echo $app_path?>index.php" method="post"
id="show_log_entry_form" accept-charset="UTF-8">
                <input type="hidden" name="action" value="show_log_entry_form"> <input
class="btn btn-primary" style="clear: right; width: 25%; height: 32px; font-size:
13px;" type="submit" name="commit" value="What did you do today?">
            </form>
-->

<!--
Author: John Gray
Last Revision: 04.29.14
File Name: update_users_users.php
Description: Page provides a form for users to update their profile
-->

<?php
// If the user isn't logged in, force the user to login
if (!isset($_SESSION['is_valid_user'])) {
    header("Location: ..");
}
include('view/header.php'); //Connect to header file
?>

<body class='user_profile'>
    <div class="container">
<?php include('view/users_nav.php') // Include navigation specific to authorized
users ?>

        <header>
          <h1>The Dirtbag Way</h1>
        </header>
```

```php
        <section class="row">
            <div class="col-lg-9 col-sm-8 col-lg-push-3 col-sm-push-4">
            </div>
                <?php include('view/users_sidebar.php') // Include navigation specific
to authorized users ?>
        </section> <!-- End Row -->

           <h3>Update Your Profile</h3>
           <form class='form user_form' action="<?php echo $app_path?>index.php"
method="post" id='update_user' role='form'>
                <input type="hidden" name="action" value="update_profile_user" />
                <input type="hidden" name="id_usr" value="<?php echo $id_usr; ?>" />

                <div class="form-group">
                  <label>First Name</label>
                  <input type="input" class='form-control' name="fname" value="<?php
echo $fname; ?>" />
                </div>

                <div class="form-group">
                  <label>Last Name</label>
                  <input type="input" class='form-control' name="lname" value="<?php
echo $lname; ?>"/>
                </div>

                <div class="form-group">
                  <label>Password</label>
                  <input type="password" class='form-control' name="password"
required=""/>
                </div>

                <div class="form-group">
                  <label>Visibility</label>
                  <select class='form-control' name="visibility" />
                          <option<?php if ($visibility == "public"): ?>
selected="selected"<?php endif; ?>>public</option>
                          <option<?php if ($visibility == "private"): ?>
selected="selected"<?php endif; ?>>private</option>
                    </select>
                </div>

                <div class="form-group">
                  <label>Profile</label>
                  <textarea class="form-control" name="profile" value="<?php echo
$profile; ?>"/><?php echo $profile; ?></textarea>
                </div>
                  <button class="btn btn-primary btn-lg" type="submit" value="Update
User" />Submit</button>
           </form>

<?php include('view/footer.php') ?>


<!--
Author: John Gray
Last Revision: 05.06.14
File Name: user_info.php
Description: Page provides a table for users logbook entries
```

```php
-->

<?php
// If the user isn't logged in, force the user to login
if (!isset($_SESSION['is_valid_user'])) {
    header("Location: ..");
}
include('view/header.php'); //Connect to header file
?>

<body class='user_info'>
    <div class="container">
        <?php include('view/users_nav.php') // Include navigation specific to
authorized users ?>

        <header>
            <h1>The Dirtbag Way</h1>
        </header>

        <section class="row">
            <div class="col-lg-9 col-sm-8 col-lg-push-3 col-sm-push-4">
                <h2>Welcome <?php echo ucfirst($_SESSION['username'])?></h2>
                    <?php if(isset($error_message)){
                            echo "<div class='alert alert-info alert-dismissiable'>
                                        <button type='button' class='close' data-
dismiss='alert'>&times;</button><h4>"
                                        .$error_message.
                                    "</h4></div>";
                    }
                    ?>
                <h3>Search</h3>
                    <form action="index.php" method="post">
                            <input type="hidden" name="action" value="search_entries" />
                            <input type="hidden" name="id_usr" value= "<?php echo
$_SESSION['user_id']?>" />
                            <div class='form-group'>

                                <input type="input" name="search" />
                                <button class='btn btn-primary' type="submit"
value="Search">Search</button>
                            </div>
                    </form>
            </div>
            <?php include('view/users_sidebar.php'); // Include navigation specific to
authorized users ?>
        </section> <!-- End Row -->

        <h3>Your Latest Adventures</h3>
                <div class="table-responsive">
                    <table class="table table-striped table-hover">
                        <tr>
                            <th>What</th>
                            <th>Role</th>
                            <th>Date</th>
                            <th>Days</th>
                            <th>Location</th>
                            <th>Route</th>
                            <th>Distance</th>
```

```php
                                    <th>Description</th>
                                    <th>Delete Entry</th><?php $entries =
get_entries_by_user($_SESSION['user_id']); ?>
                            </tr><?php foreach ($entries as $entry) : ?>
                            <tr>
                                    <td><?php echo $entry['name_atv']?></td>

                                    <td><?php echo $entry['name_rol']?></td>

                                    <td><?php echo date('m/d/y',
strtotime($entry['date_ent']))?></td>

                                    <td><?php echo $entry['num_days_ent']?></td>

                                    <td><?php echo $entry['location_ent'] . ', ' .
$entry['abbr_sts'] . ', ' . $entry['code_cts']?></td>

                                    <td><?php echo $entry['route_ent']?></td>

                                    <td><?php echo $entry['distance_ent']?></td>

                                    <td><?php echo $entry['description_ent']?></td>

                                    <td>
                                        <form action="<?php echo $app_path?>index.php"
method="post">
                                            <input type="hidden" name="action"
value="delete_entry"> <input type="hidden" name="entry_id" value="<?php echo
$entry['id_ent']; ?>"> <button type="submit" class="btn btn-primary" name="delete_ent"
value="Delete">Delete Entry</button>
                                        </form>
                                    </td>
                            </tr><?php endforeach; ?>
                        </table>
                    </div>
        <?php require('view/footer.php') ?>
    </div>


<!--
            <form action="<?php echo $app_path?>index.php" method="post"
id="show_log_entry_form" accept-charset="UTF-8">
                <input type="hidden" name="action" value="show_log_entry_form"> <input
class="btn btn-primary" style="clear: right; width: 25%; height: 32px; font-size:
13px;" type="submit" name="commit" value="What did you do today?">
            </form>
-->

<!--
Author: John Gray
Last Revision: 05.07.14
File Name: user_profile.php
Description: Provides information about the users profile and ability to update or
delete.
-->

<?php
// If the user isn't logged in, force the user to login
```

```php
if (!isset($_SESSION['is_valid_user'])) {
    header("Location: ..");
}
include('view/header.php'); //Connect to header file
?>

<body class='user_profile'>
    <div class="container">
        <?php include('view/users_nav.php') // Include navigation specific to
authorized users ?>

        <header>
            <h1>The Dirtbag Way</h1>
        </header>
        <section class="row">
            <div class="col-lg-9 col-sm-8 col-lg-push-3 col-sm-push-4">
                <h2>Welcome <?php echo ucfirst($_SESSION['username'])?></h2>
                <h3>Want to make some changes?</h3>
                    <p> Here is the place where you can edit your profile.</p>
            </div>
                <?php include('view/users_sidebar.php') // Include navigation specific
to authorized users ?>
        </section> <!-- End Row -->
        <div class="table-responsive">
                <table class="table table-striped">
                  <tr>
                      <th>Username</th>
                      <th>First Name</th>
                      <th>Last Name</th>
                      <th>Visibility</th>
                      <th>Profile</th>
                      <th>Update Profile</th>
<!--                  <th>Delete Profile</th> -->
                  <?php $username = $_SESSION['username'];
                  $users = get_users_by_username($username); ?>
                  </tr><?php foreach ($users as $user) : ?>

                  <tr>
                      <td><?php echo $user['username_usr']?></td>

                      <td><?php echo $user['fname_usr']?></td>

                      <td><?php echo $user['lname_usr']?></td>

                      <td><?php echo $user['visibility_usr']?></td>

                      <td><?php echo $user['profile_usr']?></td>

                      <td><form action="<?php echo $app_path?>index.php"
method="post">
                              <input type="hidden" name="action"
value="edit_profile" />
                              <input type="hidden" name="id_usr" value="<?php echo
$user['id_usr']; ?>" />
<!--                          <input type="hidden" name="username" value="<?php echo
$user['username_usr']; ?>" /> -->
                              <input type="hidden" name="fname" value="<?php echo
$user['fname_usr']; ?>" />
```

```html
                                            <input type="hidden" name="lname" value="<?php echo
$user['lname_usr']; ?>" />
                                            <input type="hidden" name="visibility" value="<?php echo
$user['visibility_usr']; ?>" />
                                            <input type="hidden" name="profile" value="<?php echo
$user['profile_usr']; ?>" />
                                             <button class="btn btn-primary" type="submit"
name="update_usr">Update</button>
                                    </form>
                                </td>
<!--                    Needs Fixing!!
                            <td><form action="<?php echo $app_path?>index.php"
method="post">
                                            <input type="hidden" name="action" value="delete_user" /
>
                                            <input type="hidden" name="user_id" value="<?php echo
$user['id_usr']; ?>" />
                                             <button class="btn btn-primary" type="submit"
name="delete_usr" value="Delete">Delete</button>
                                    </form></td>
-->
                        </tr><?php endforeach; ?>
                    </table>
                </div> <!-- End Table Responsive -->

            <?php require('view/footer.php') ?>
```

Model

```php
<?php
/*
Author: John Gray
Last Revision: 05.05.14
File Name: database_connection.php
Description: Connects to the database via PDO
*/

    $dsn = 'mysql:host=localhost;dbname=dbw2_db';
    $username = 'root';
    $password = 'root';
    try {
        $db = new PDO($dsn, $username, $password);
    } catch (PDOException $e) {
        $error_message = $e->getMessage();
        include('./errors/database_error.php');
        exit();
    }
?>
<?php

/*
Author: John Gray
Last Revision: 05.06.14
File Name: log_entry_db.php
Description: Functions that work with logbook entries
*/


/*
```

```
Name: get_entries
Arguments: none
Return Data: $entries
Description: Gets all logbook entries from the database
*/
function get_entries(){
    global $db;
     $query = 'SELECT id_ent, users_usr.username_usr, activity_atv.name_atv,
role_rol.name_rol, date_ent, num_days_ent, location_ent, states_sts.abbr_sts,
countries_cts.code_cts, route_ent, distance_ent, description_ent
                    FROM entry_ent
                    INNER JOIN users_usr on users_usr.id_usr = entry_ent.id_usr_ent
                    INNER JOIN activity_atv on activity_atv.id_atv =
entry_ent.id_atv_ent
                    INNER JOIN role_rol on role_rol.id_rol = entry_ent.id_rol_ent
                    INNER JOIN states_sts on states_sts.id_sts = entry_ent.id_sts_ent
                    INNER JOIN countries_cts on countries_cts.id_cts =
entry_ent.id_cts_ent
                    ORDER by date_ent DESC';
     $statement = $db->prepare($query);
    $statement->execute();
    $entries = $statement->fetchAll();
    $statement->closeCursor();
    return $entries;
}

/*
Name: get_entries_by_user
Arguments: $id_usr
Return Data: $entries
Description: Returns logbook entries based on a user id
*/
function get_entries_by_user($id_usr){
    global $db;
     $query =   "SELECT id_ent, users_usr.username_usr, activity_atv.name_atv,
role_rol.name_rol, date_ent, num_days_ent, location_ent, states_sts.abbr_sts,
countries_cts.code_cts, route_ent, distance_ent, description_ent
                    FROM entry_ent
                    INNER JOIN users_usr on users_usr.id_usr = entry_ent.id_usr_ent
                    INNER JOIN activity_atv on activity_atv.id_atv =
entry_ent.id_atv_ent
                    INNER JOIN role_rol on role_rol.id_rol = entry_ent.id_rol_ent
                    INNER JOIN states_sts on states_sts.id_sts = entry_ent.id_sts_ent
                    INNER JOIN countries_cts on countries_cts.id_cts =
entry_ent.id_cts_ent
                WHERE id_usr_ent = '$id_usr'
                ORDER by date_ent DESC";
     $statement = $db->prepare($query);
    $statement->execute();
    $entries = $statement->fetchAll();
    $statement->closeCursor();
     return $entries;
}

/*
Name: get_entries_public
Arguments: none
Return Data: $public_entries
```

```
Description: Gets public logbook entries from the database
*/
function get_entries_public(){
    global $db;
     $query = "SELECT id_ent, users_usr.username_usr, activity_atv.name_atv,
role_rol.name_rol, date_ent, num_days_ent, location_ent, states_sts.abbr_sts,
countries_cts.code_cts, route_ent, distance_ent, description_ent
                    FROM entry_ent
                    INNER JOIN users_usr on users_usr.id_usr = entry_ent.id_usr_ent
                    INNER JOIN activity_atv on activity_atv.id_atv =
entry_ent.id_atv_ent
                    INNER JOIN role_rol on role_rol.id_rol = entry_ent.id_rol_ent
                    INNER JOIN states_sts on states_sts.id_sts = entry_ent.id_sts_ent
                    INNER JOIN countries_cts on countries_cts.id_cts =
entry_ent.id_cts_ent
                WHERE users_usr.visibility_usr = 'public'
                ORDER by date_ent DESC
                LIMIT 3";
     $statement = $db->prepare($query);
    $statement->execute();
    $public_entries = $statement->fetchAll();
    $statement->closeCursor();
    return $public_entries;
}

/*
Name: search_entries
Arguments: $search, $id_usr
Return Data: $search_entries
Description: Returns logbook entries based on search terms and user id
*/
function search_entries($search, $id_usr){
    global $db;
    $query = "SELECT
                    id_ent, users_usr.username_usr, activity_atv.name_atv,
role_rol.name_rol, date_ent, num_days_ent, location_ent, states_sts.abbr_sts,
countries_cts.code_cts, route_ent, distance_ent, description_ent
                    FROM entry_ent
                        INNER JOIN users_usr on users_usr.id_usr =
entry_ent.id_usr_ent
                        INNER JOIN activity_atv on activity_atv.id_atv =
entry_ent.id_atv_ent
                        INNER JOIN role_rol on role_rol.id_rol =
entry_ent.id_rol_ent
                        INNER JOIN states_sts on states_sts.id_sts =
entry_ent.id_sts_ent
                        INNER JOIN countries_cts on countries_cts.id_cts =
entry_ent.id_cts_ent
                    WHERE (
                        activity_atv.name_atv LIKE CONCAT('%',:search,'%')
                        OR role_rol.name_rol LIKE CONCAT('%',:search,'%')
                        OR location_ent LIKE CONCAT('%',:search,'%')
                        OR route_ent LIKE CONCAT('%',:search,'%')
                        OR states_sts.abbr_sts LIKE CONCAT('%',:search,'%')
                        OR states_sts.name_sts LIKE CONCAT('%',:search,'%')
                        OR countries_cts.code_cts LIKE CONCAT('%',:search,'%')
                        OR countries_cts.name_cts LIKE CONCAT('%',:search,'%')
                        OR description_ent LIKE CONCAT('%',:search,'%'))
```

```php
                       AND users_usr.id_usr = :id_usr
                       ORDER by date_ent DESC";
    $statement = $db->prepare($query);
    $statement->bindValue(':search', $search);
     $statement->bindValue(':id_usr', $id_usr);
    $statement->execute();
    $search_entries = $statement->fetchAll();
    $statement->closeCursor();
    return $search_entries;
}


/*
Name: get_activities
Arguments: none
Return Data: $activities
Description: Returns all activities data from the database
*/
function get_activities(){
    global $db;
    $query = 'SELECT *
        FROM activity_atv
        ORDER BY id_atv';
    $activities = $db->query($query);
    return $activities;
}


/*
Name: get_activity_by_id
Arguments: $id_atv
Return Data: $activities
Description: Returns activities based on the activity id
*/
function get_activity_by_id($id_atv){
    global $db;
    $query = 'SELECT *
        FROM activity_atv
        ORDER BY id_atv
        WHERE id_atv = :id_atv';
    $activities = $db->query($query);
    $statement = $db->prepare($query);
    $statement->bindValue(':id_atv', $id_atv);
    $statement->execute();
    $activities = $statement->fetchAll();
    $statement->closeCursor();
     return $activities;
}

/*
Name: delete_activity
Arguments: $id_atv
Return Data: none
Description: Deletes activity from database based on activity id
*/
function delete_activity($id_atv){
    global $db;
    $query = 'DELETE FROM activity_atv
            WHERE id_atv = :id_atv';
```

```php
    $statement = $db->prepare($query);
    $statement->bindValue(':id_atv', $id_atv);
    $statement->execute();
    $statement->closeCursor();
}

/*
Name: add_activity
Arguments: $name_atv, $description_atv
Return Data: none
Description: Adds an activity to the database
*/
function add_activity($name_atv, $description_atv){
    global $db;
     $query = 'INSERT INTO activity_atv
                    (name_atv, description_atv)
                VALUES
                    (:name_atv, :description_atv)';
     $statement = $db->prepare($query);
    $statement->bindValue(':name_atv', $name_atv);
    $statement->bindValue(':description_atv', $description_atv);
    $success = $statement->execute();
    $row_count = $statement->rowCount();
    $statement->closeCursor();
    $entry_id = $db->lastInsertId();
}

/*
Name: update_activity
Arguments: $id_atv, $name_atv, $description_atv
Return Data: none
Description: Updates an activity in the database
*/
function update_activity($id_atv, $name_atv, $description_atv){
    global $db;
     $query = 'UPDATE activity_atv
                    SET name_atv = :name_atv,
                        description_atv = :description_atv
                    WHERE id_atv = :id_atv';
     $statement = $db->prepare($query);
    $statement->bindValue(':id_atv', $id_atv);
    $statement->bindValue(':name_atv', $name_atv);
    $statement->bindValue(':description_atv', $description_atv);
    $success = $statement->execute();
    $row_count = $statement->rowCount();
    $statement->closeCursor();
     $activity_id = $db->lastInsertId();
}

/*
Name: search_activities
Arguments: $search
Return Data: $search_activities
Description: Returns a list of activities based on user supplied search term
Based on http://stackoverflow.com/questions/18233204/using-search-firstname-and-last-
name-mixed-php-query?rq=1
*/
function search_activities($search){
```

```php
    global $db;
     $query = "SELECT * FROM activity_atv
                WHERE name_atv
                LIKE CONCAT('%',:search,'%')
                OR description_atv LIKE CONCAT('%',:search,'%')";
    $statement = $db->prepare($query);
    $statement->bindValue(':search', $search);
    $statement->execute();
    $search_activities = $statement->fetchAll();
    $statement->closeCursor();
    return $search_activities;
}

/*
Name: get_roles
Arguments: none
Return Data: $roles
Description: Returns information about roles from the database
*/
function get_roles(){
    global $db;
    $query = 'SELECT *
        FROM role_rol
        ORDER BY id_rol';
    $roles = $db->query($query);
    return $roles;
}

/*
Name: get_states
Arguments: none
Return Data: $states
Description: Returns a list of the 50 United States
*/
function get_states(){
    global $db;
    $query = 'SELECT *
        FROM states_sts
        ORDER BY id_sts';
    $states = $db->query($query);
    return $states;
}

/*
Name: get_countries
Arguments: none
Return Data: $countries
Description: Returns a listing of countries from the database
*/
function get_countries(){
    global $db;
    $query = 'SELECT *
        FROM countries_cts
        ORDER BY id_cts';
    $countries = $db->query($query);
    return $countries;
}
```

```php
/*
Name: create_entry
Arguments: $id_usr, $id_atv, $id_rol, $date, $days, $location, $id_sts, $id_cts,
$route, $distance, $description
Return Data: none
Description: Creates a logbook entry based on user input
*/
function create_entry($id_usr, $id_atv, $id_rol, $date, $days, $location, $id_sts,
$id_cts, $route, $distance, $description){
    global $db;
    $query = 'INSERT INTO entry_ent
                    (id_usr_ent, id_atv_ent, id_rol_ent, date_ent, num_days_ent,
location_ent, id_sts_ent, id_cts_ent, route_ent, distance_ent, description_ent)
                VALUES

(:id_usr, :id_atv, :id_rol, :date, :days, :location, :id_sts, :id_cts, :route, :distan
ce, :description)';
    $statement = $db->prepare($query);
    $statement->bindValue(':id_usr', $id_usr);
    $statement->bindValue(':id_atv', $id_atv);
    $statement->bindValue(':id_rol', $id_rol);
    $statement->bindValue(':date', $date);
    $statement->bindValue(':days', $days);
    $statement->bindValue(':location', $location);
    $statement->bindValue(':id_sts', $id_sts);
    $statement->bindValue(':id_cts', $id_cts);
    $statement->bindValue(':route', $route);
    $statement->bindValue(':distance', $distance);
    $statement->bindValue(':description', $description);
    $success = $statement->execute();
    $row_count = $statement->rowCount();
    $statement->closeCursor();
    $entry_id = $db->lastInsertId();
/*
    if ($success) {
        echo "<p>$row_count row(s) was inserted with this ID: $entry_id</p>";
    } else {
        echo "<p>No rows were inserted.</p>";
    }
*/
}

/*
Name: delete_entry
Arguments: $id_ent
Return Data: none
Description: Deletes a logbook entry from the database based on the entry id
*/
function delete_entry($id_ent){
    global $db;
    $query = 'DELETE FROM entry_ent
            WHERE id_ent = :id_ent';
    $statement = $db->prepare($query);
    $statement->bindValue(':id_ent', $id_ent);
    $statement->execute();
    $statement->closeCursor();
}
```

```php
/*
Name: delete_entry_by_user
Arguments: $id_usr
Return Data: none
Description: Deletes logbook entries based on a user id
*/
function delete_entry_by_user($id_usr){
     global $db;
    $query = 'DELETE FROM entry_ent
             WHERE id_usr_ent = :id_usr_ent';
    $statement = $db->prepare($query);
    $statement->bindValue(':id_usr_ent', $id_usr);
    $statement->execute();
    $statement->closeCursor();
}

/*
Name: days_by_role
Arguments: $id_usr
Return Data: $days
Description: Returns an array of data displaying the number of days a user spent in a
specific role.
*/
function days_by_role($id_usr){
     global $db;
     $query =   "SELECT
                        users_usr.username_usr AS 'Username',
                        SUM(IF(id_rol_ent= '1', num_days_ent, 0)) AS 'Playing',
                        SUM(IF(id_rol_ent= '2', num_days_ent, 0)) AS 'Training',
                        SUM(IF(id_rol_ent= '3', num_days_ent, 0)) AS 'Working',
                        SUM(num_days_ent) AS 'Total Days'
                    FROM entry_ent
                    INNER JOIN users_usr on users_usr.id_usr = entry_ent.id_usr_ent
                    WHERE id_usr_ent = '$id_usr'";
     $statement = $db->prepare($query);
    $statement->bindValue(':id_usr_ent', $id_usr);
    $statement->execute();
    $days = $statement->fetchAll();
    $statement->closeCursor();
    return $days;
}
?>

<?php
/*
Author: John Gray
Last Revision: 05.05.14
File Name: users_db.php
Description: Library of functions for working with users
*/

/*
Name: get_users
Arguments: none
Return Data: $users
Description: Returns an array of user information from the database
*/
function get_users(){
```

```php
    global $db;
    $query = 'SELECT * FROM users_usr
            ORDER BY id_usr';
    $users = $db->query($query);
    return $users;
}

/*
Name: get_user_id
Arguments: $username
Return Data: $id_usr
Description: Returns the user id based on the username
*/
function get_user_id($username) {
    global $db;
    $query = 'SELECT id_usr FROM users_usr
            WHERE username_usr = :username';
    $statement = $db->prepare($query);
    $statement->bindValue(':username', $username);
    $statement->execute();
    $id_usrs = $statement->fetch();
    $statement->closeCursor();
    $id_usr = $id_usrs['id_usr'];
    return $id_usr;
}

/*
Name: get_users_by_username
Arguments: $username
Return Data: $users
Description: Returns an array of user data based on the username
*/
function get_users_by_username($username){
    global $db;
    $query = 'SELECT * FROM users_usr
            WHERE username_usr = :username';
    $statement = $db->prepare($query);
    $statement->bindValue(':username', $username);
    $statement->execute();
    $users = $statement->fetchAll();
    $statement->closeCursor();
    return $users;
}

/*
Name: search_users
Arguments: $search
Return Data: $search_users
Description: Returns user data based on a user supplied search term
Based on http://stackoverflow.com/questions/18233204/using-search-firstname-and-last-
name-mixed-php-query?rq=1
*/
function search_users($search){
    global $db;
    $query = "SELECT * FROM users_usr
            WHERE CONCAT(fname_usr,' ', lname_usr)
            LIKE CONCAT('%',:search,'%')
            OR lname_usr LIKE CONCAT('%',:search,'%')
```

```php
                OR username_usr LIKE CONCAT('%',:search,'%')";
    $statement = $db->prepare($query);
    $statement->bindValue(':search', $search);
    $statement->execute();
    $search_users = $statement->fetchAll();
    $statement->closeCursor();
    return $search_users;
}

/*
Name: generate_hash
Arguments: $password
Return Data: crypt($password, $salt)
Description: Takes a users password and returns an encrypted version
Based on http://www.sitepoint.com/password-hashing-in-php/
*/
function generateHash($password) {
    if (defined("CRYPT_BLOWFISH") && CRYPT_BLOWFISH) {
        $salt = '$2y$11$' . substr(md5(uniqid(rand(), true)), 0, 22);
        return crypt($password, $salt);
    }
}

/*
Name: is_valid_user_login
Arguments: $username, $password
Return Data: $valid
Description: Checks to see if a valid login is being used to access website.
Based on http://www.yiiframework.com/wiki/425/use-crypt-for-password-storage/
*/
function is_valid_user_login($username, $password) {
    global $db;
     $query = 'SELECT id_usr, password_usr FROM users_usr
            WHERE username_usr = :username';
    $statement = $db->prepare($query);
    $statement->bindValue(':username', $username);
    $statement->execute();
    $password_usrs = $statement->fetch();
    $statement->closeCursor();
    $password_usr = $password_usrs['password_usr'];
     if ($password_usr === crypt($password, $password_usr)){
         $valid = true;
        return $valid;
    }
}

/*
Name: user_privileges
Arguments: $username
Return Data: $privilege
Description: Returns the access level of website users, thereby directing the site
what access they have
*/
function user_privileges($username) {
    global $db;
    $query = 'SELECT id_usr, privileges_usr FROM users_usr
            WHERE username_usr = :username';
    $statement = $db->prepare($query);
```

```php
    $statement->bindValue(':username', $username);
    $statement->execute();
    $privileges = $statement ->fetch();
    $statement->closeCursor();
    $privilege = $privileges['privileges_usr'];
    return $privilege;
}


/*
Name: create_user
Arguments: $username, $password, $fname, $lname, $visibility, $profile
Return Data: none
Description: Creates a user based on form input
*/
function create_user($username, $password, $fname, $lname, $visibility, $profile) {
    global $db;
    $hashed_password = generateHash($password);
    $query = 'INSERT INTO users_usr
                    (username_usr, password_usr, fname_usr, lname_usr,
visibility_usr, profile_usr)
                VALUES
                    (:username, :password, :fname, :lname, :visibility, :profile)';
    $statement = $db->prepare($query);
    $statement->bindValue(':username', $username);
    $statement->bindValue(':password', $hashed_password);
    $statement->bindValue(':fname', $fname);
    $statement->bindValue(':lname', $lname);
    $statement->bindValue(':visibility', $visibility);
    $statement->bindValue(':profile', $profile);
    $success = $statement->execute();
    $row_count = $statement->rowCount();
    $statement->closeCursor();
/* TEST FOR SUCCESS
    $user_id = $db->lastInsertId();
    if ($success) {
        echo "<p>$row_count row(s) was inserted with this ID: $user_id</p>";
    } else {
        echo "<p>No rows were inserted.</p>";
    }
*/
}

/*
Name: delete_user
Arguments: $id_usr
Return Data: none
Description: Deletes a user from the database based on the user id
*/
function delete_user($id_usr){
    global $db;
    $query = 'DELETE FROM users_usr
                WHERE id_usr = :id_usr';
    $statement = $db->prepare($query);
    $statement->bindValue(':id_usr', $id_usr);
    $statement->execute();
    $statement->closeCursor();
}
```

```php
/*
Name: update_user_admin
Arguments: $id_usr, $password, $fname, $lname, $privileges, $visibility, $profile
Return Data: none
Description: Allows admins to update user information including privileges
*/
function update_user_admin($id_usr, $password, $fname, $lname, $privileges,
$visibility, $profile){
     global $db;
    $hashed_password = generateHash($password);
     $query = "UPDATE users_usr
                    SET  password_usr = :hashed_password,
                         fname_usr = :fname,
                         lname_usr = :lname,
                         privileges_usr = :privileges,
                         visibility_usr = :visibility,
                         profile_usr = :profile
                    WHERE id_usr = :id_usr";
     $statement = $db->prepare($query);
    $statement->bindValue(':id_usr', $id_usr);
    $statement->bindValue(':hashed_password', $hashed_password);
    $statement->bindValue(':fname', $fname);
    $statement->bindValue(':lname', $lname);
     $statement->bindValue(':privileges', $privileges);
    $statement->bindValue(':visibility', $visibility);
    $statement->bindValue(':profile', $profile);
    $success = $statement->execute();
    $row_count = $statement->rowCount();
    $statement->closeCursor();
     $user_id = $db->lastInsertId();
/*   For Testing Purposes
    if ($success) {
         echo "<p>$row_count row(s) were updated with this ID: $user_id</p>";
    } else {
         echo "<p>No rows were inserted.</p>";
    }
*/
}


/*
Name: update_user_user
Arguments: $id_usr, $password, $fname, $lname, $visibility, $profile
Return Data: none
Description: Allows users to update their profile, excluding privileges
*/
function update_user_user($id_usr, $password, $fname, $lname, $visibility, $profile){

     global $db;
    $hashed_password = generateHash($password);
     $query = "UPDATE users_usr
                    SET password_usr = :hashed_password,
                         fname_usr = :fname,
                         lname_usr = :lname,
                         visibility_usr = :visibility,
                         profile_usr = :profile
                    WHERE id_usr = :id_usr";
     $statement = $db->prepare($query);
```

```php
    $statement->bindValue(':id_usr', $id_usr);
    $statement->bindValue(':hashed_password', $hashed_password);
    $statement->bindValue(':fname', $fname);
    $statement->bindValue(':lname', $lname);
    $statement->bindValue(':visibility', $visibility);
    $statement->bindValue(':profile', $profile);
    $success = $statement->execute();
    $row_count = $statement->rowCount();
    $statement->closeCursor();
     $user_id = $db->lastInsertId();
/*   For Testing Purposes
    if ($success) {
        echo "<p>$row_count row(s) were updated with this ID: $user_id</p>";
    } else {
        echo "<p>No rows were inserted.</p>";
    }

*/
}
?>
```

View

```html
<!--
Author: John Gray
Last Revision: 04.30.14
File Name: admin_nav.php
Description: Creates top navigation for admin pages
-->

<div class="row">
    <nav class="navbar navbar-default navbar-fixed-top navbar-inverse"
role="navigation">
        <div class="container-fluid">
            <!-- Brand and toggle get grouped for better mobile display -->
            <div class="navbar-header">
                <button type="button" class="navbar-toggle" data-toggle="collapse"
data-target="#navbar-collapse"><span class="sr-only">Toggle navigation</span>
                <span class="icon-bar"></span>
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>
                </button>
            </div><!-- Collect the nav links, forms, and other content for toggling --
>
            <div class="collapse navbar-collapse" id="navbar-collapse">
                <ul class="nav navbar-nav">
                    <li><a href="<?php echo $app_path?>index.php?
action=return_admin_home">Home</a></li>
                    <li><a href="<?php echo $app_path?>/public_app/about.php">About</
a></li>
                    <li><a href="<?php echo $app_path?>/public_app/
resources.php">Resources</a></li>
                </ul>
                <ul class="nav navbar-nav navbar-right">
                    <li>
                        <p class="navbar-text navbar-right">Welcome <?php echo
$_SESSION['username']?>. You are signed in as an Administrator</p>
                    </li>
```

```html
                    <li><a href="<?php echo $app_path?>index.php?
action=logout">Logout</a></li>
                </ul>
            </div><!-- /.navbar-collapse -->
        </div><!-- /.container-fluid -->
    </nav>
</div>


<!--
Author: John Gray
Last Revision: 04.30.14
File Name: admin_sidebar.php
Description: Creates sidebar navigation for admin pages
-->

<aside id="sidebar" class="col-lg-3 col-sm-4 col-lg-pull-9 col-sm-pull-8">
    <ul id="sidebar" class="nav nav-pills nav-stacked">
<!--        <li><a href="<?php echo $app_path?>index.php?
action=show_log_entry_form">Create Entry</a></li> -->
        <li><a href="<?php echo $app_path?>index.php?action=show_users_admin">Edit
Users</a></li>
        <li><a href="<?php echo $app_path?>index.php?action=show_activities">Edit
Activities</a></li>
    </ul>
</aside>

<!--
Author: John Gray
Last Revision: 05.01.14
File Name: footer.php
Description: Footer information for all pages.
-->
        <section>
            <footer>
                <p>&#169; John Gray 2014</p>
            </footer>
        </section> <!-- End footer section -->
    </div> <!-- container -->
</body>
    <!-- jQuery (necessary for Bootstrap's JavaScript plugins) -->
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.0/jquery.min.js"></
script>
    <!-- Include all compiled plugins (below), or include individual files as needed
-->
    <script src="<?php echo $app_path?>/bootstrap/js/bootstrap.min.js"></script>
    <script src="<?php echo $app_path?>/bootstrap/js/bootstrap-datepicker-master/js/
bootstrap-datepicker.js"></script>
    <script src="<?php echo $app_path?>/bootstrap/js/bootstrapValidator.min.js"></
script>
    <script src="<?php echo $app_path?>/bootstrap/js/my_scripts.js"></script>
</html>

<!--
Author: John Gray
Last Revision: 04.29.14
File Name: header.php
Description: Contains the head information for each page of the site.
-->
```

```html
<!DOCTYPE html>
  <head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>The Dirtbag Way</title>
     <link href='http://fonts.googleapis.com/css?family=Special+Elite'
rel='stylesheet' type='text/css'>
      <link rel="stylesheet" type="text/css" href="<?php echo $app_path?>/bootstrap/
css/bootstrap.min.css">
      <link rel="stylesheet" type="text/css" href="<?php echo $app_path?>/bootstrap/js/
bootstrap-datepicker-master/css/datepicker.css">
      <link rel="stylesheet" type="text/css" href="<?php echo $app_path?>/bootstrap/js/
bootstrap-datepicker-master/css/datepicker3.css">
      <link rel="stylesheet" type="text/css" href="<?php echo $app_path?>/bootstrap/
css/bootstrapValidator.min.css">
      <!-- Custom Styles         -->
      <link rel="stylesheet" type="text/css" href="<?php echo $app_path?>/bootstrap/
css/styles.css">
    <!-- HTML5 Shim and Respond.js IE8 support of HTML5 elements and media queries -->
    <!-- WARNING: Respond.js doesn't work if you view the page via file:// -->
    <!--[if lt IE 9]>
      <script src="https://oss.maxcdn.com/libs/html5shiv/3.7.0/html5shiv.js"></script>
      <script src="https://oss.maxcdn.com/libs/respond.js/1.4.2/respond.min.js"></
script>
    <![endif]-->
  </head>


<!--
Author: John Gray
Last Revision: 05.07.14
File Name: public_nav.php
Description: Creates top navigation for the public pages
-->

<div class="row">
    <nav class="navbar navbar-default navbar-fixed-top navbar-inverse"
role="navigation">
        <div class="container-fluid">
            <!-- Brand and toggle get grouped for better mobile display -->

            <div class="navbar-header">
                <button type="button" class="navbar-toggle" data-toggle="collapse"
data-target="#navbar-collapse">
                    <span class="sr-only">Toggle navigation</span>
                    <span class = "icon-bar"></span>
                        <span class = "icon-bar"></span>
                        <span class = "icon-bar"></span>
                </button>
            </div><!-- Collect the nav links, forms, and other content for toggling --
>

            <div class="collapse navbar-collapse" id="navbar-collapse">
                <ul class="nav navbar-nav">
                    <li><a href="<?php echo $app_path?>">Home</a></li>
                    <li><a href="<?php echo $app_path?>/public_app/about.php">About</
a></li>
```

```php
                      <li><a href="<?php echo $app_path?>/public_app/
resources.php">Resources</a></li>
                </ul>

                <ul class="nav navbar-nav navbar-right">
<!--                     <li><a href="<?php echo $app_path?>index.php?
action=show_create_user">Sign Up</a></li> -->
                    <li><a role="button" data-toggle="modal" data-target=".bs-
example-modal-lg">Sign Up</a></li>
                    <li class="dropdown">
                        <a href="#" class="dropdown-toggle" data-
toggle="dropdown">Sign In</a>

                        <div class="dropdown-menu">
                            <form action="<?php echo $app_path?>index.php"
method="post" id="login_form" class='form' accept-charset="UTF-8" >
                                <input type="hidden" name="action"
value="user_login">
                                    <div class="form-group">
                                        <input id="user_username"
class='form-control' type="text" name="username" required="" pattern="[a-zA-Z0-9_]+"
title='The username can only consist of alphabetical, number and underscore' value="<?
php if(isset($_POST['username'])){echo $_POST['username'];} else {echo '';}?>"
placeholder="username">
                                    </div>
                                    <div class="form-group">
                                        <input id="user_password"
class='form-control' type="password" name="password" required=""
placeholder="password">
                                    </div>
                                <button class="btn btn-primary"  type="submit"
name="commit" value="Sign In">Sign In</button>

                            </form>
                        </div>
                    </li>
                </ul>
            </div><!-- /.navbar-collapse -->
        </div><!-- /.container-fluid -->
    </nav>
</div><!-- end nav row -->

<!--
Author: John Gray
Last Revision: 04.30.14
File Name: users_nav.php
Description: Creates top navigation for registered user pages
-->

<div class="row">
    <nav class="navbar navbar-default navbar-fixed-top navbar-inverse"
role="navigation">
        <div class="container-fluid">
            <!-- Brand and toggle get grouped for better mobile display -->
            <div class="navbar-header">
                <button type="button" class="navbar-toggle" data-toggle="collapse"
data-target="#navbar-collapse"><span class="sr-only">Toggle navigation</span>
                <span class="icon-bar"></span>
```

```
                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
            </button>
        </div><!-- Collect the nav links, forms, and other content for toggling --
>
        <div class="collapse navbar-collapse" id="navbar-collapse">
            <ul class="nav navbar-nav">
                <li><a href="<?php echo $app_path?>index.php?
action=show_user_home">Home</a></li>

                <li><a href="<?php echo $app_path?>/public_app/about.php">About</
a></li>

                <li><a href="<?php echo $app_path?>/public_app/
resources.php">Resources</a></li>
            </ul>
            <ul class="nav navbar-nav navbar-right">
                <li>
                    <p class="navbar-text navbar-right">Welcome <?php echo
$_SESSION['username']?></p>
                </li>
                <li><a href="<?php echo $app_path?>index.php?
action=logout">Logout</a></li>
            </ul>
        </div><!-- /.navbar-collapse -->
    </div><!-- /.container-fluid -->
  </nav>
</div>


<!--
Author: John Gray
Last Revision: 04.30.14
File Name: users_sidebar.php
Description: Creates sidebar navigation for registered users pages
-->

<aside id="sidebar" class="col-lg-3 col-sm-4 col-lg-pull-9 col-sm-pull-8">
    <ul id="sidebar" class="nav nav-pills nav-stacked">
        <li><a href="<?php echo $app_path?>index.php?action=show_log_entry_form">Log
Entry</a></li>
        <li><a href="<?php echo $app_path?>index.php?action=show_view_info">Logbook</
a></li>
        <li><a href="<?php echo $app_path?>index.php?action=show_edit_profile">Your
Profile</a></li>
    </ul>
</aside>
```

Util

```php
<?php
session_start();
$code=rand(1000,9999);
$_SESSION["code"]=$code;
$im = imagecreatetruecolor(50, 24);
$bg = imagecolorallocate($im, 22, 86, 165); //background color blue
$fg = imagecolorallocate($im, 255, 255, 255);//text color white
imagefill($im, 0, 0, $bg);
imagestring($im, 5, 5, 5,  $code, $fg);
```

```php
header("Cache-Control: no-cache, must-revalidate");
header('Content-type: image/png');
imagepng($im);
imagedestroy($im);
?>
```

```html
<!--
Author: John Gray
Last Revision: 04.29.14
File Name: captcha.php
Description: Creates captcha for use in identifying humans
Based on http://99webtools.com/php-simple-captcha.php
Curious: When I place this comment above the code, it breaks!
-->
```

```php
<?php

/*
Author: John Gray
Last Revision: 05.05.14
File Name: main.php
Description: Utilities to get and set path names
*/
//   Get the document root
$doc_root = $_SERVER['DOCUMENT_ROOT'];

//   Get the application path
$uri = $_SERVER['REQUEST_URI'];
$dirs = explode('/', $uri);
$app_path = '/' . $dirs[1] . '/';
/* $app_path = '/' . $dirs[1]; */


// Set the include path
set_include_path($doc_root . $app_path);
?>
```

```html
<!--
Author: John Gray
Last Revision: 04.30.14
File Name: valid_admin.php
Description: Utility to redirect users who are not valid adminstrators and creates an
error message
-->
```

```php
<?php
    if (!isset ($_SESSION['is_valid_admin'])) {
        header("Location: ..");
        $login_message = 'You are not authorized.';
    }

?>
```

```html
<!--
Author: John Gray
Last Revision: 04.30.14
File Name: valid_user.php
Description: Utility to redirect users who are not valid users and creates an error
message
```

```
-->

<?php
    if (!isset ($_SESSION['is_valid_user'])) {
        header("Location: ..");
        $login_message = 'You are not authorized.';
    }
?>
```

Errors

```
<!--
Author: John Gray
Last Revision: 04.29.14
File Name: 404.php
Description: Error page for 404 (file not found)
-->

<?php
session_start();
require_once('../util/main.php');
include '../view/header.php'; //Connect to header file
?>

<body id='404'>
    <div class="container">
            <?php
            if(isset($_SESSION['is_valid_user']) & ($_SESSION['privilege'] == 'user')) {
                include('view/users_nav.php');
            } elseif(isset($_SESSION['is_valid_user']) & ($_SESSION['privilege'] ==
'admin')) {
                include('view/admin_nav.php');
            }    else{
                include('view/public_nav.php');
            }
             ?>
      <div class="row"> <!-- Page Header -->
         <header>
             <h1>The Dirtbag Way</h1>
         </header>
     </div> <!-- End Header -->
      <img class="img-responsive img-rounded pull-left" src='<?php echo $app_path?
>images/IMG_0909.jpg' alt="Lonely road on New Zealand's South Island">
      <article class="clearfix">
            <h3>Looking for something?</h3>
            <p>Hey, there's nothing here to see. You've asked to go someplace that
doesn't even exist! You might be able to go there, but you can't get there from here
so might I suggest you <a href="<?php echo $app_path?>">return home</a>?</p>
      </article>

<?php include('../view/footer.php') ?>

<!--
Author: John Gray
Last Revision: 04.29.14
File Name: database_error.php
Description: Displays an error when there is a problem connecting to the database
-->
```

```html
<div id="main">
    <h1 class="top">Database Error</h1>
    <p>There was an error connecting to the database.</p>
    <p>Error message: <?php echo $error_message; ?></p>
    <p> </p>
</div><!-- end main -->

<!--
Author: John Gray
Last Revision: 04.29.14
File Name: error.php
Description: Use to display errors. Not being utilizied at this time.
-->

<div id="main">
    <h1 class="top">Error</h1>
    <p><?php echo $error; ?></p>
</div>
```

CSS
Only Custom CSS documented here. Other CSS was via Bootstrap framework

```css
/*
Author: John Gray
Last Revision: 04.29.14
File Name: styles.css
Description: Custom styles overriding bootstrap.css
*/

/* Structure */

body {
    padding-top: 70px;
    background-image: url('../../images/nzroadBW.jpg');
    -webkit-background-size: cover;
    -moz-background-size: cover;
    -o-background-size: cover;
    background-size: cover;
    }

.container {
    background: #fff;
}

.container .jumbotron {
    padding: 0px;
}

article {
    padding: 20px;
}

#login_form {
    width: 200px;
    padding: 10px;
}
```

```css
ul {
    list-style: none;
}

#home_user_list {
    text-align: center;
}

.center {
    text-align: center;
}

.center_btn {
    display: block;
    margin-left: auto;
    margin-right: auto;
}

.pull-left.img-responsive {
    margin: 0 1em 1em 0;
}

/* Sidebar Styles */
#sidebar a {
    background-color: #1E1E1E;
    color: #999;
}

#sidebar a:hover {
    color: #ffffff;
}

#sidebar .active a {
    background-color: #080808;
    color: #ffffff;
}

/* Typography    */
h1, h2, h3 {
    font-family: 'Special Elite', 'Helvetica Neue', sans-serif;
}


header h1 {
    font-family: 'Special Elite', 'Helvetica Neue', sans-serif;
    font-size: 48px;
    text-align: center;
    color: #080808;
}

.active {
    text-transform: uppercase;
}

/* footer */
footer {
    padding: 1em 0;
    margin: 1em 0;
```

```css
        border-top: 1px solid #080808;
        color: #999;
        text-align: center;
}
```

JavaScript
Only Custom CSS documented here. (Other js was via Bootstrap framework, jquery, and various plug-ins

```javascript
/*
Author: John Gray
Last Revision: 05.05.14
File Name: my_scripts.js
Description: Custom JavaScript for site
Frameworks: jquery 1.11.0
Plug-ins: bootstrap-datepicker.js, bootstrapValidator.js
*/

$(function() {
    //   Highlights current navigation
    $("#home_public a:contains('Home')").parent().addClass('active');
    $("#home_user a:contains('Home')").parent().addClass('active');
    $("#home_admin a:contains('Home')").parent().addClass('active');
    $("#about a:contains('About')").parent().addClass('active');
    $("#resources a:contains('Resources')").parent().addClass('active');
    $("#log_entry a:contains('Log Entry')").parent().addClass('active');
    $(".user_info a:contains('Logbook')").parent().addClass('active');
    $(".user_profile a:contains('Profile')").parent().addClass('active');
    $(".admin_user a:contains('Edit Users')").parent().addClass('active');
    $(".admin_activities a:contains('Edit Activities')").parent().addClass('active');

    // Creates datapicker for forms
    $('.input-group.date').datepicker({
    format: 'yyyy-mm-dd',
    endDate: "today",
    todayHighlight: true
        });

/*  Validates login form (currently not submitting)
    $('#login_form').bootstrapValidator({
        message: 'This value is not valid',
        feedbackIcons: {
            valid: 'glyphicon glyphicon-ok',
            invalid: 'glyphicon glyphicon-remove',
            validating: 'glyphicon glyphicon-refresh'
        },
        live: 'enabled',
        submitButtons: 'button[name="submit"]',
        trigger: null,
        fields: {
            username: {
                message: 'The username is not valid',
                validators: {
                    notEmpty: {
                        message: 'The username is required and cannot be empty'
                    },
                    stringLength: {
                        min: 6,
```

```
                            max: 30,
                            message: 'The username must be more than 6 and less than 30
characters long'
                        },
                        regexp: {
                            regexp: /^[a-zA-Z0-9_]+$/,
                            message: 'The username can only consist of alphabetical,
number and underscore'
                        }
                    }     // end username validator
                }, //    end username
                password: {
                    message: 'The password is not valid',
                    validators: {
                        notEmpty: {
                            message: 'You must choose a password'
                        },
                        stringLength: {
                            min: 4,
                            max: 30,
                            message: 'The password must be at least 4 and less than 30
characters long'
                        }
                    }    // End pword validator
                }     // Password
            }     // End of fields
    }); // End of bootstrap validator
*/

//   Validates User Forms
    $('.user_form').bootstrapValidator({
        message: 'This value is not valid',
        feedbackIcons: {
            valid: 'glyphicon glyphicon-ok',
            invalid: 'glyphicon glyphicon-remove',
            validating: 'glyphicon glyphicon-refresh'
        },
        fields: {
            username: {
                message: 'The username is not valid',
                validators: {
                    notEmpty: {
                        message: 'The username is required and cannot be empty'
                    },
                    stringLength: {
                        min: 6,
                        max: 30,
                        message: 'The username must be more than 6 and less than 30
characters long'
                    },
                    regexp: {
                        regexp: /^[a-zA-Z0-9_]+$/,
                        message: 'The username can only consist of alphabetical,
number and underscore'
                    }
                }     // end username validator
            }, //    end username
            password: {
```

```
                    message: 'The password is not valid',
                    validators: {
                        notEmpty: {
                            message: 'You must choose a password'
                        },
                        stringLength: {
                            min: 8,
                            max: 30,
                            message: 'The password must be at least 8 and less than 30
characters long'
                        }
                    }    // End password validator
                },    // Password
            fname: {
                message: 'You must supply a first name.',
                validators: {
                    notEmpty: {
                        message: 'You must supply a first name.'
                    },
                    stringLength: {
                        min: 1,
                        max: 45,
                        message: 'Supply at least an intial.'
                    },
                    regexp: {
                        regexp: /^[a-zA-Z0-9_]+$/,
                        message: 'Your name can only consist of alphabetical, number
and underscore'
                    }
                }  // End validators
            }, // End fname
            lname: {
                message: 'You must supply a last name.',
                validators: {
                    notEmpty: {
                        message: 'You must supply a last name.'
                    },
                    stringLength: {
                        min: 1,
                        max: 45,
                        message: 'Supply at least an intial.'
                    },
                    regexp: {
                        regexp: /^[a-zA-Z0-9_]+$/,
                        message: 'Your name can only consist of alphabetical, number
and underscore'
                    }
                }    // End validators
            }, // End lname
            visibility: {
                message: 'Tell us what you want.',
                validators: {
                    notEmpty: {
                        message: 'Tell us what you want.'
                    }
                }    // End validators
            }, // End visibility
            profile: {
```

```
                    message: 'Tell us something.',
                    validators: {
                        notEmpty: {
                            message: 'Tell us something.'
                        }
                    }
                }, // End profile
            captcha: {
                    message: 'Prove to us you are human.',
                    validators: {
                        notEmpty: {
                            message: 'You must pass this test.'
                        }
                    }    // End validators
                } // End profile
            }    // End of fields
    }); // End of create_user validator


     /*   Validates Entry Forms
    $('#create_entry').bootstrapValidator({
    message: 'You must fill this out.',
    feedbackIcons: {
        valid: 'glyphicon glyphicon-ok',
        invalid: 'glyphicon glyphicon-remove',
        validating: 'glyphicon glyphicon-refresh'
    },
    fields: {
            days: {
                validators: {
                    notEmpty: {
                    },
                        integer: {
                        message: 'The value must be a number.'
                    }
                    }
                },
            distance: {
                validators: {
                        integer: {
                        message: 'The value must be a number.'
                    }
                    }
                },
            description: {
                validators: {
                    notEmpty: {
                    }
                    }
                }
            } // End Fields
    }); //     End of create_entry bootstrap validator
     */


     //   Validates Activity Forms
    $('.activity_form').bootstrapValidator({
    message: 'You must fill this out.',
    feedbackIcons: {
        valid: 'glyphicon glyphicon-ok',
```

```
        invalid: 'glyphicon glyphicon-remove',
        validating: 'glyphicon glyphicon-refresh'
    },
    fields: {
            name: {
                validators: {
                    notEmpty: {
                    },
                    stringLength: {
                        min: 1,
                        max: 30,
                        message: 'The activity name must be more than 3 and less than
30 characters long'
                    }

                }    // End Validators
            },    // End name
                description: {
                 validators: {
                    notEmpty: {
                    },
                    stringLength: {
                        min: 6,
                        max: 1000,
                        message: 'The activity description must be more than 6
and less than 1000 characters long'
                    }
                 }    // End validators
            }    // End description
        } // End Fields
}); //     End of add_activity bootstrap validator

});
```

htaccess

```
#Author: John Gray
#Last Revision: 04.29.14
#File Name: htaccess
#Description: Redirects bad path names to 404.php

ErrorDocument 404 http://localhost:8888/web289/errors/404.php
```