

FLX Teammate Finder

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I. Overview

Purpose

The purpose of this project is to design, develop, and deploy a Teammate Finder system to the FLX Adventure Racing website at <https://flxadventures.com>. The Teammate Finder will be deployed to the clone site at flxclone.windermereroadies.com.

Summary

The Teammate Finder is a system to help racers participating in FLX Adventure Racing locate ideal teammates to form a team with. This system compares the information in user profiles to match teammates who possess desired attributes and share similar goals. There are two parts to this system, a “Find A Teammate” subsystem and a “Looking for a Team” subsystem.

Find A Teammate

Racers who are already prepared to race and are actively seeking a teammate for a specific race may use the “Find A Teammate” system to review potential racers that have been flagged as interested in racing and contact the potential racers about participating in a future race. This system consists of a review screen and a contact racer button that will send a message to the potential racer.

Looking for a Team

The “Looking for a Team” system may be used by any racer at any time to flag the racer as “Looking for a Team” and list the racer as a candidate to be selected by a race team. This system is used by navigating to any listed race and clicking on the button labeled “Help Me Find a Team”. The system then displays the “Looking for a Team” status on the racer’s profile page and advertises the racers profile information on a page that lists all racers looking for a team.

Racer Profile

The primary requirement for using the Teammate Finder is the Racer Profile. The Racer Profile is a fully implemented system that can be viewed at <https://flxadventures.com/racer-profile-races/2/>. This system stores the racer information required for the Teammate Finder and also adds new information to the racers profile when a racer uses the Teammate Finder. This two-way relationship between the Racer Profile and the Teammate Finder allows for the Teammate Finder to use already existing information stored in a Racer Profile to aid the racer in forming a team, as well as adding additional information to the Racer Profile that will display the racers status as looking for a team. This enables the Teammate Finder to advertise potential teammates in multiple ways, both listing the racers

profile information in the potential teammates page and displaying the racers Teammate Finder status on the Racer Profile page.

II. Design

The design of the Teammate Finder requires the creation of two new pages and adding new objects to three existing pages. The additional pages are the Racer Listing page, which lists racers looking for a team, and the Racer Review page. The additional items on existing pages include adding a link to the Teammate Finder Racer Listing page on the main menu, adding the “Looking for a Team” button to each race page and the “Looking for a team” status display on the Racer Profile page of each racer whose status is flagged as looking for a team.

For the purpose of maintaining consistency and uniformity, the general layout and color scheme of the Teammate Finder will conform to the established design of the FLX Adventure Racing website with only minor variations for functional and aesthetic purposes.

Find a Teammate					
Part 1	Part 2	Part 3	Part 4	Part 5	Part 6
Register and/or Login	Index Page	Teammate Finder Page	Review Racer	Contact Racer	Invitation Accepted
Login to the FLX Adventure Racing website or create an account.	Click on “Teammate Finder” in the main menu.	This page lists all racers who are looking for a team, with basic racer information, a link to each racer profile, and a link to a review page for each racer.	This page displays detailed information regarding the racer to help the user decide on a potential teammate. It contains a contact button to contact the racer.	This function contacts the racer by sending a message to the racer along with a checkbox option to send the racer an invitation to your team.	If the racer accepts the invitation to the users team, the user will receive a message stating that the racer has been added to the users team.

Looking for a Team					
Part 1	Part 2	Part 3	Part 4	Part 5	Part 6

Register and/or Login	Index Page	Adventure Races Page	Race Page	Racer Profile	Awaiting Invitation
Login to the FLX Adventure Racing website or create an account.	Hover over Events in the main menu, hover over the race year, and click on "Adventure Races".	This page shows the adventure races available for the selected year. Click on a specific race to go to the race page.	This page displays detailed information regarding the race. It contains a section titled "Looking for a Team?" with a button to flag the user as "looking for a team".	Once the button in the "Looking for a Team?" section has been clicked, the user will be automatically redirected to his or her racer profile page, where the user will be able to view their status as "looking for a team", with the option to remove that status if a team has been found.	The user may now await an invitation from a team. If an invitation has been accepted then the racer profile will automatically update and remove the "looking for a team" status. Alternatively, if the user decides to form a new team and use the "Find a Teammate" system to find racers for the team, the "looking for a team" status will be automatically removed when the user creates a new team.

Looking For a Team Button Example / Early Prototype

Looking for a Team?

If you are looking for a team to join, or looking to find some teammates, please feel free to post a message on the [Florida Adventure Racing](#) Facebook page or use the Teammate Finder feature below.

[HELP ME FIND A TEAM](#)

III. Development

A. Specifications

Programming Languages: PHP, HTML, CSS, JavaScript

Query Language: MySQL

Framework: WordPress

Coding Standard: WordPress Codex

Local Environment Stack: XAMPP

Database Administration: PHPMyAdmin

Hosting Type: Local host created for debugging. FTP server provided for deployment

Web host: <ftp://flxclone.windermereroadies.com/>

Project URL: flxclone.windermereroadies.com/

IDE: PHP Storm

Version Control: Git / Github

FTP Client: FileZilla

Coding Conventions:

This is a PHP-based project that is created, edited, and published using the WordPress framework. Fulfilling the objectives of this project requires a fundamental understanding of WordPress theme development and a general understanding of WordPress development as a whole. The online manual and documentation for WordPress, also known as the WordPress Codex, is provided in the link below.

<https://codex.wordpress.org/>

This project follows WordPress coding standards as well as the coding standards established by the developer of FLX Adventure Racing. Documentation for WordPress coding standards is linked below.

<https://make.wordpress.org/core/handbook/best-practices/coding-standards/>

B. CRUD Development

The development of this web application begins with creating a complete and operational CRUD system. Once this system is in place with full front-end and back-end capabilities, it will be altered using the appropriate code and queries to allow for the utilization of locating, comparing, and selecting potential teammates.

The CRUD system is made up of five pages: the CRUD Test page which contains all of the front-end code and provides a user interface to interact with each of the other pages, the create page which creates a new table row in the MySQL database using the user-provided form values, the read page which displays all rows in the table, the update page which updates the values in a row with user-specified values, and the delete page which deletes a user-specified row from the table in the database. Each page is linked to a button on the CRUD Test page and the create, update, and delete pages redirect to the read page once their operation is complete.

I. Design

Design: CRUD Test Page

The screenshot shows the 'CRUD TEST' page. On the left, there's a sidebar with a 'REGISTER' button, social media icons (Facebook, Twitter, YouTube, Instagram), 'RECENT EVENTS:' (The Deviant Wolfe AR, The Resolution AR, The Turkey Burn Trail Run), 'Gift Certificates', 'LOGIN' (logged in as reaglin, link to log out), and 'Contact Us!'. The main content area has a 'Create' section with input fields for Racer ID, First Name, Last Name, Email Address, and Years of Experience, followed by a 'SUBMIT' button. Below it is a 'Read' section with a 'SHOW RACERS' button. At the top right, there's a navigation bar with links for 'ABOUT FLXADVENTURES', 'EVENTS', 'RANKINGS', 'PHOTOS', 'RACER PROFILE', and a search icon. To the right of the main content, there's a sidebar titled 'Tweets by @flxadventures' with three tweets from 'FL Xtreme Adventure' (@flxadventures) dated Jan 21, 2020, Jan 18, 2020, and Jan 17, 2020.

RECENT EVENTS:

- The Deviant Wolfe AR
- The Resolution AR
- The Turkey Burn Trail Run

Gift Certificates

LOGIN

You are logged in as reaglin
click here to log out

Contact Us!

REGISTER

Enter Racer ID

Enter First Name

Enter Last Name

Enter Email Address

Enter Years of Experience

CREATE

READ

SHOW RACERS

ABOUT FLXADVENTURES ▾

EVENTS ▾

RANKINGS

PHOTOS

RACER PROFILE

Tweets by @flxadventures ⓘ

FL Xtreme Adventure @flxadventures facebook.com/flxadventures/...

Jan 21, 2020

FL Xtreme Adventure @flxadventures Just a few shots from today's Resolution AR. I'll have a few more to post later.

Jan 18, 2020

FL Xtreme Adventure @flxadventures At Silver Lake Campground. Just finished setting out the last few controls for tomorrow's Resolution AR...

Jan 17, 2020

The screenshot shows a WordPress admin page titled "Admin Page". On the left sidebar, there is a "Subscribe to our Newsletter" link. The main content area has two sections: "Update" and "Delete".

Update Section:

- Form fields: Enter Racer ID, Enter First Name, Enter Last Name, Enter Email Address, Enter Years of Experience.
- Buttons: A green "UPDATE" button.

Delete Section:

- Form field: Enter Racer ID.
- Buttons: A green "DELETE" button and a blue "EDIT" button.

At the top right of the page, there are navigation links: ABOUT FLX ADVENTURES, EVENTS, RANKINGS, PHOTOS!, RACER PROFILE, and a search icon. Below the navigation, there are social sharing icons (heart, share) and a timestamp: Jan 17, 2020. There are also "Embed" and "View on Twitter" buttons.

II. Code

Code: CRUD Test Page (WordPress HTML)

```

<p>Create</p>
<form action="/project/page-teammatefinder.php" method="post" name="form">
<input name="racer_id" required="" type="number" placeholder="Enter Racer ID" /><br />
<input name="first_name" required="" type="text" placeholder="Enter First Name" /><br />
<input name="last_name" required="" type="text" placeholder="Enter Last Name" /><br />
<input name="email_address" required="" type="text" placeholder="Enter Email Address" /><br />
<input name="years_experience" required="" type="number" placeholder="Enter Years of Experience" /><br />
<input name="submit" type="submit" value="Submit" />
</form>
<p> </p>
<p>Read</p>
<form action="/project/page-teammatefinder-read.php" method="post" name="form">
<p><input name="show" type="submit" value="Show Racers" /></p>
<p> </p>
<p>Update</p>
</form>
<form action="/project/page-teammatefinder-update.php" method="post" name="form">
<input name="racer_id" required="" type="number" placeholder="Enter Racer ID" /><br />
<input name="first_name" required="" type="text" placeholder="Enter First Name" /><br />
<input name="last_name" required="" type="text" placeholder="Enter Last Name" /><br />
<input name="email_address" required="" type="text" placeholder="Enter Email Address" /><br />
<input name="years_experience" required="" type="number" placeholder="Enter Years of Experience" /><br />
<input name="update" type="submit" value="Update" />
</form>
<p> </p>

```

```

<p>Delete</p>
<form action="/project/page-teammatefinder-delete.php" method="post" name="form">
<input name="racer_id" required="" type="number" placeholder="Enter Racer ID" /><br />
<input name="delete" type="submit" value="Delete" />
</form>

```

Code: Create Page (WordPress PHP)

```

<?php

$location = $_SERVER['DOCUMENT_ROOT'];

include($location . '/project/wp-config.php');
include($location . '/project/wp-load.php');
include($location . '/project/wp-includes/pluggable.php');

global $wpdb;

$racer_id      = sanitize_text_field($_POST['racer_id']);
$first_name    = sanitize_text_field($_POST['first_name']);
$last_name     = sanitize_text_field($_POST['last_name']);
$email_address = sanitize_text_field($_POST['email_address']);
$years_experience = sanitize_text_field($_POST['years_experience']);

$wpdb->insert('flx_teammate_finder'

,array('racer_id'    => $racer_id
,'first_name'   => $first_name
,'last_name'    => $last_name
,'email_address' => $email_address
,'years_experience' => $years_experience
)
);

?>

```

Code: Read Page (WordPress PHP, MySQL)

```

<?php

$location = $_SERVER['DOCUMENT_ROOT'];

include($location . '/project/wp-config.php');
include($location . '/project/wp-load.php');
include($location . '/project/wp-includes/pluggable.php');

global $wpdb;

get_header(); ?>

<style>

.site-content .entry-header,
.site-content .entry-content,
.site-content .entry-summary,
.site-content .entry-meta,
.page-content,
.hentry,
.entry-content {
    max-width: 1260px !important;
}

.site-content {
    margin-right:20px; !important;
}

</style>

<div id="main-content" class="main-content">
    <div id="primary" class="content-area">
        <div id="content" class="site-content" role="main">
<?php

$results = $wpdb->get_results("
    select racer_id
        ,first_name
        ,last_name
        ,email_address
        ,years_experience
        from flx_teammate_finder
    ");

foreach ( $results as $result )
{
    echo '<p>';
    echo '<option value="'. $result->racer_id.'">Racer ID: ' . ($result->racer_id) . '</option>
        <option value="'. $result->racer_id.'">First Name: ' . ($result->first_name) . '</option>
        <option value="'. $result->racer_id.'">Last Name: ' . ($result->last_name) . '</option>
        <option value="'. $result->racer_id.'">Email Address: ' . ($result->email_address) . '</option>
        <option value="'. $result->racer_id.'">Years of Experience:
        ' . ($result->years_experience) . '</option>
    ';
    echo '</p>';
}

?>

</div>

```

```
</div>
</div>
<?php
get_sidebar();
get_footer();
```

Code: Update Page (WordPress PHP, MySQL)

```
<?php

$location = $_SERVER['DOCUMENT_ROOT'];

include($location . '/project/wp-config.php');
include($location . '/project/wp-load.php');
include($location . '/project/wp-includes/pluggable.php');

global $wpdb;

$racer_id      = sanitize_text_field($_POST['racer_id']);
$first_name    = sanitize_text_field($_POST['first_name']);
$last_name     = sanitize_text_field($_POST['last_name']);
$email_address = sanitize_text_field($_POST['email_address']);
$years_experience = sanitize_text_field($_POST['years_experience']);

$wpdb->update('flx_teammate_finder'
    ,array('racer_id'    => $racer_id
        ,'first_name'  => $first_name
        ,'last_name'   => $last_name
        ,'email_address' => $email_address
        ,'years_experience' => $years_experience
    )
    ,array('racer_id'    => $racer_id
    )
);

wp_redirect( site_url().'/page-teammatefinder-read.php' . $raceid . '/'); exit;

?>
```

Code: Delete Page (WordPress PHP, MySQL)

```
<?php

$location = $_SERVER['DOCUMENT_ROOT'];

include($location . '/project/wp-config.php');
include($location . '/project/wp-load.php');
include($location . '/project/wp-includes/pluggable.php');

global $wpdb;

$racer_id = sanitize_text_field($_POST['racer_id']);

$wpdb->delete('flx_teammate_finder'
```

```
,array('racer_id' => $racer_id
)
);
wp_redirect( site_url().'/page-teammatefinder-read.php' . $raceid . '/'); exit;
?>
```

III. Testing

Results: Create

CRUD TEST

Create

4	Racer ID: 0
Tom	First Name: Test
Hanks	Last Name: Test
tomhanks@gmail.com	Email Address: test@test.com
20	Years of Experience: 0

SUBMIT

Racer ID: 1
First Name: Bob
Last Name: Hoskins
Email Address: bhoskins@gmail.com
Years of Experience: 5

Racer ID: 2
First Name: Terry
Last Name: Jones
Email Address: tjones@gmail.com
Years of Experience: 7

Racer ID: 3
First Name: John
Last Name: Rico
Email Address: jrico@gmail.com
Years of Experience: 4

Read

SHOW RACERS

Racer ID: 4
First Name: Tom
Last Name: Hanks
Email Address: tomhanks@gmail.com
Years of Experience: 20

Results: Update

Racer ID: 0
 First Name: Test
 Last Name: Test
 Email Address: test@test.com
 Years of Experience: 0

Racer ID: 1
 First Name: Bob
 Last Name: Hoskins
 Email Address: bhoskins@gmail.com
 Years of Experience: 5

Racer ID: 2
 First Name: Terry
 Last Name: Jones
 Email Address: tjones@gmail.com
 Years of Experience: 7

Update

3
Abraham
Lincoln
honestabe@aol.com
12

UPDATE

Racer ID: 3
 First Name: Abraham
 Last Name: Lincoln
 Email Address: honestabe@aol.com
 Years of Experience: 12

Racer ID: 4
 First Name: Tom
 Last Name: Hanks
 Email Address: tomhanks@gmail.com
 Years of Experience: 20

Results: Delete

Racer ID: 1
 First Name: Bob
 Last Name: Hoskins
 Email Address: bhoskins@gmail.com
 Years of Experience: 5

Racer ID: 2
 First Name: Terry
 Last Name: Jones
 Email Address: tjones@gmail.com
 Years of Experience: 7

Racer ID: 3
 First Name: Abraham
 Last Name: Lincoln
 Email Address: honestabe@aol.com
 Years of Experience: 12

Delete

0

DELETE

Racer ID: 4
 First Name: Tom
 Last Name: Hanks
 Email Address: tomhanks@gmail.com
 Years of Experience: 20

Recent | Favorites

Showing rows 0 - 3 (4 total, Query took 0.0014 seconds)

SELECT * FROM 'fix_teammate_finder'

Profiling [Edit inline] | Edit | Explain SQL | Create PHP code | Refresh

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

	racer_id	wp_user_id	first_name	last_name	email_address	phone_number	gender	years_experience	race_history	race_preference	racer_strength
<input type="checkbox"/> Edit	0	NULL	Test	Test	test@test.com	NULL	NULL	0	NULL	NULL	NULL
<input type="checkbox"/> Edit	1	NULL	Bob	Hoskins	bhoskins@gmail.com	NULL	NULL	5	NULL	NULL	NULL
<input type="checkbox"/> Edit	2	NULL	Terry	Jones	tjones@gmail.com	NULL	NULL	7	NULL	NULL	NULL
<input type="checkbox"/> Edit	3	NULL	John	Rico	jrico@gmail.com	NULL	NULL	4	NULL	NULL	NULL

Check all | With selected: | Edit | Copy | Delete | Export

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

Print | Copy to clipboard | Export | Display chart | Create view

C. Security

The security methods, practices, and tools used in the development, testing, and deployment of FLX Teammate Finder are based upon the previously established security framework of the FLX Adventure Racing website. FLX Teammate Finder is a subsystem intended to function within the WordPress framework, the pre-existing theme for FLX Adventure Racing, and the current security apparatus that is already in place for FLX Adventure Racing.

FLX Adventure Racing is a PHP-based website using a MySQL database and operating within the WordPress framework. It uses a role-based security system that assigns a role to each WordPress user with a corresponding security level attached to it. The security level either allows or restricts access to certain areas or features based on the role of the user that is currently logged in.

FLX Teammate Finder builds upon this system, requiring a user to be registered as a racer and logged in to view the Teammate Finder pages. A racer must be logged in to see their profile or the profiles of other users. Any registered racer that does not have administrator privileges has read-only access to other racer profiles, while still having full CRUD access to create, read, update, and delete their own profile.

When a FLX Teammate Finder user profile is created, the information entered by the user is inserted into a single row of the FLX Teammate Finder table based on the User ID of the currently logged in user. When a user edits or deletes their racer profile, information will be removed from the specified fields, but the row will still remain in the table with the primary key User ID and the username still located in the table. Only

administrator accounts may create or delete actual table rows, but non-administrator accounts may edit the information only in their own row.

The encryption of sensitive data is already covered by the security put in place by WordPress and no sensitive information will be used in the Teammate Finder application. The racers name, email, gender, and preferences will be included in the Teammate Finder table while the users address and private account details will not. Some fields in the Teammate Finder profile are optional, but excluding certain details may lead to lower result quality.

The Teammate Search system relies solely on the data located in the Teammate Finder table containing racer profile information. The search will allow racers to expand or narrow their search according to their own preferences, and no racer information outside of the information provided to the racer profile will be visible by the user. If a user locates a potential teammate and would like to exchange further information, that will be entirely dependent upon the user and the potential teammate contacting each other via email and will not occur within the Teammate Finder system.

Role	Create	Read	Update	Delete
Guest	No	No	No	No
Racer (User)	Racer Profile - Self	Racer Profile - All	Racer Profile - Self	Racer Profile - Self
Admin	All	All	All	All

Further information regarding security in WordPress can be found at
<https://wordpress.org/support/article/hardening-wordpress/>

Security Example I - CRUD Test Page

The CRUD Test page has been altered to perform a security check. The security check consists of two steps: the first is to check whether the user is an administrator. If the user is an administrator, access to all CRUD actions is granted and the Crud Test performs as normal. If the user is not an administrator, a second check is performed by comparing the ID of the currently logged in user to the user ID that the user is attempting to alter. If the ID's match, then the user is granted access to CRUD actions, but only for the user's own profile. If neither checks are passed, then access to create, update, and delete is denied and an error message is displayed if any of those actions are attempted. This

security check does not apply to the read operation, which is allowed for all logged in users.

Code: CRUD Test Update and Delete with Security

The following CRUD Test pages have been altered to perform a user role check.

Update

```
<?php

$location = $_SERVER['DOCUMENT_ROOT'];

include($location . '/project/wp-config.php');
include($location . '/project/wp-load.php');
include($location . '/project/wp-includes/pluggable.php');

global $wpdb;

$racer_id      = sanitize_text_field($_POST['racer_id']);
$first_name    = sanitize_text_field($_POST['first_name']);
$last_name     = sanitize_text_field($_POST['last_name']);
$email_address = sanitize_text_field($_POST['email_address']);
$years_experience = sanitize_text_field($_POST['years_experience']);

if (is_user_logged_in()) {
    $uid = get_current_user_id();
    $user = wp_get_current_user();
    if (in_array("administrator", $user->roles)) {
        $wpdb->update('flx_teammate_finder'
            , array('racer_id' => $racer_id
                    , 'first_name' => $first_name
                    , 'last_name' => $last_name
                    , 'email_address' => $email_address
                    , 'years_experience' => $years_experience
                )
            , array('racer_id' => $racer_id
                )
        );
        wp_redirect( site_url().'/page-teammatefinder-read.php' . $raceid . '/'); exit;
    }
} else if ($racer_id == $uid) {
    $wpdb->update('flx_teammate_finder'
        , array('racer_id' => $racer_id
                , 'first_name' => $first_name
                , 'last_name' => $last_name
                , 'email_address' => $email_address
                , 'years_experience' => $years_experience
            )
        , array('racer_id' => $racer_id
            )
    );
    wp_redirect( site_url().'/page-teammatefinder-read.php' . $raceid . '/'); exit;
}
```

```

        }
    else {
        echo "You do not have sufficient privileges.";
    }
}

?>

```

Delete

```

<?php

$location = $_SERVER['DOCUMENT_ROOT'];

include($location . '/project/wp-config.php');
include($location . '/project/wp-load.php');
include($location . '/project/wp-includes/pluggable.php');

global $wpdb;

$racer_id = sanitize_text_field($_POST['racer_id']);

if (is_user_logged_in()) {
    $uid = get_current_user_id();
    $user = wp_get_current_user();
    if (in_array("administrator", $user->roles)) {
        $wpdb->delete('fix_teammate_finder'
            , array('racer_id' => $racer_id
            )
        );
        wp_redirect( site_url().'/page-teammatefinder-read.php' . $raceid . '/'); exit;
    }
    else if ($racer_id == $uid) {
        $wpdb->delete('fix_teammate_finder'
            , array('racer_id' => $racer_id
            )
        );
        wp_redirect( site_url().'/page-teammatefinder-read.php' . $raceid . '/'); exit;
    }
    else {
        echo "<p>You do not have sufficient privileges to perform this action.</p>";
    }
}
else {
    echo "<p>You do not have sufficient privileges to perform this action.</p>";
}

?>

```

Error 1: Not Logged In

You are not logged in. Please log in and try again.

Error 2: Insufficient Privileges

You do not have sufficient privileges to perform this action.

Security Example II - Racer Profile Page

The racer profile page has a similar security method to the previous example. A user role check is performed, and if the user is an administrator then an administrator panel is displayed on the page. If the user is not an administrator then the user still has access to their own user profile, but will not see the administrator panel. If the user is not logged in, then an error message is displayed

Code: Racer Profile Page (page-teammatefinder-profile-create.php)

```

<?php

$location = $_SERVER['DOCUMENT_ROOT'];

include($location . '/project/wp-config.php');
include($location . '/project/wp-load.php');
include($location . '/project/wp-includes/pluggable.php');

global $wpdb;

get_header(); ?>

<style>

.site-content .entry-header,
.site-content .entry-content,
.site-content .entry-summary,
.site-content .entry-meta,
.page-content,
.hentry,
.entry-content {
    max-width: 1260px !important;
}

.site-content {
    margin-right:20px; !important;
}

</style>

<?php
// Start the Loop.
while ( have_posts() ) : the_post();
    // Include the page content template.
    get_template_part( 'content', 'page' );
    // If comments are open or we have at least one comment, load up the comment template.
    if ( comments_open() || get_comments_number() ) {
        comments_template();
    }
endwhile;
?>

<div id="main-content" class="main-content">
    <div id="content" class="site-content" role="main">
<?php
$user = wp_get_current_user();
if (is_user_logged_in()) {
    $uid = get_current_user_id();
    $ufo = get_userdata($uid);
    $username = $ufo->user_login;
    $first_name = $ufo->first_name;
    $last_name = $ufo->last_name;
    echo "<br />Username: $username <br />First Name: $first_name <br />Last Name: $last_name <br />User ID: $uid <br />
Gender: <br /> Years of Experience: <br /> Race History: <br /> Team History: <br /> Racer Bio: <br />
Preferred Race Types: <br /><br />";
    echo "You are logged in <br /><br /> User Role: ";
    echo bbp_get_user_blog_role($uid);
    echo "<br /><br /><div class='button' style='width: 100px; display: inline-block; margin: 10px;'>Edit Profile</div>";
    echo "<div class='button' style='width: 100px; display: inline-block; margin: 10px;'>Delete Profile</div>";
    echo "<br />";
}

```

```

if (in_array("administrator", $user->roles)) {
    echo "<br /><div class='container' style='text-align: center; margin: 20px; padding: 20px;
        background: orange;'>You are logged in as an administrator with full administrator privileges. <br />";
    echo "<h3>Admin Panel</h3>";
    echo "<br /><div class='button' style='width: 100px; display: inline-block; margin: 10px;'>Create User</div>";
    echo "<div class='button' style='width: 100px; display: inline-block; margin: 10px;'>Edit User</div>";
    echo "<div class='button' style='width: 100px; display: inline-block; margin: 10px;'>Delete User</div></div>";
}
else {
    echo "<br />You are logged in as a racer with standard user privileges.";
}
}

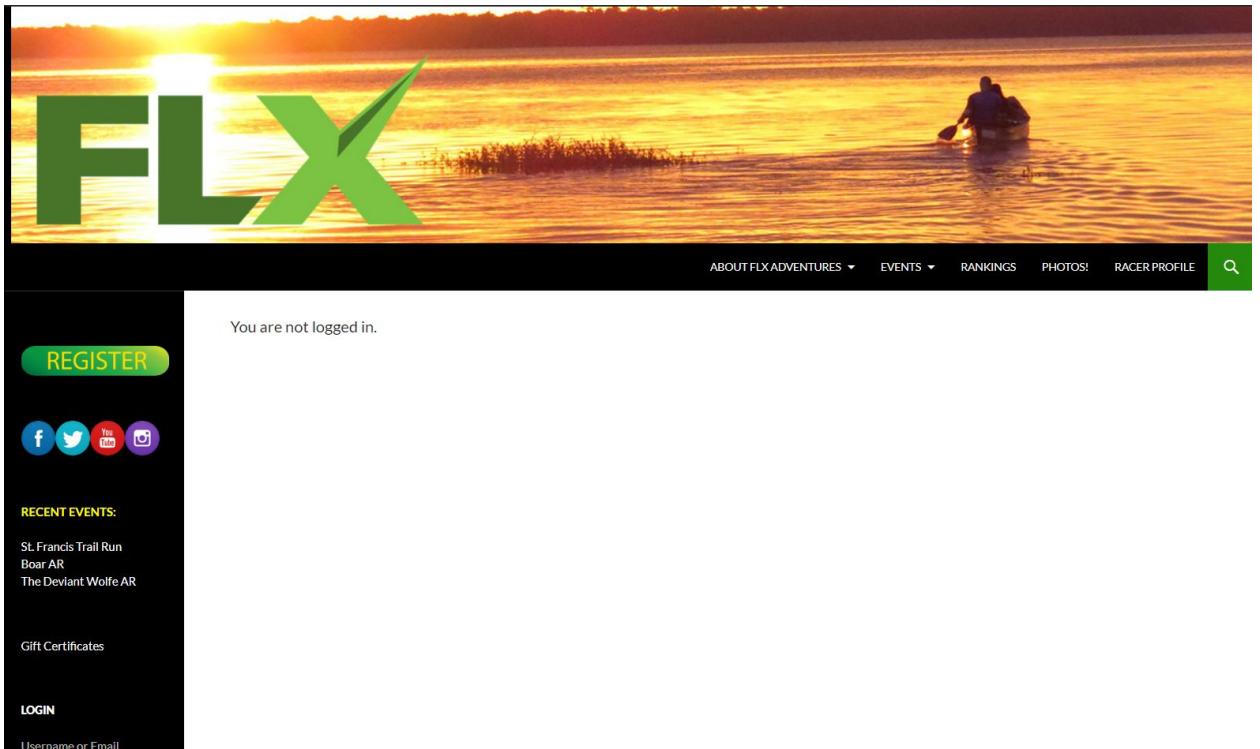
else {
    echo "<br />You are not logged in.";
}
?>
    </div>

</div>

<?php
get_sidebar();
get_footer();

```

Racer Profile Page viewed as guest (not logged in):



Racer Profile Page viewed as racer (standard user):

The screenshot shows the FLX Adventures website's profile page for a standard user named eugeneb. The top navigation bar includes links for About, Events, Rankings, Photos, and Racer Profile, along with a search icon. On the left sidebar, there are buttons for Register, Login, and Admin Page, and links for Recent Events (St. Francis Trail Run, Boar AR, The Deviant Wolfe AR), Gift Certificates, and Contact Us!. The main content area displays the user's profile information: Username: eugeneb, First Name: , Last Name: , User ID: 2118, Gender: , Years of Experience: , Race History: , Team History: , Racer Bio: , and Preferred Race Types: . It also shows that the user is logged in and their user role is a standard user.

Username: eugeneb
First Name:
Last Name:
User ID: 2118
Gender:
Years of Experience:
Race History:
Team History:
Racer Bio:
Preferred Race Types:

You are logged in

User Role:

[EDIT PROFILE](#) [DELETE PROFILE](#)

You are logged in as eugeneb
[click here to log out](#)

Racer Profile Page viewed as administrator (full privileges):

The screenshot shows the FLX Adventures website's profile page for an administrator named reaglin. The top navigation bar includes links for About, Events, Rankings, Photos, and Racer Profile, along with a search icon. On the left sidebar, there are buttons for Register, Login, and Admin Page, and links for Recent Events (St. Francis Trail Run, Boar AR, The Deviant Wolfe AR), Gift Certificates, and Contact Us!. The main content area displays the user's profile information: Username: reaglin, First Name: Ron, Last Name: Eaglin, User ID: 1, Gender: , Years of Experience: , Race History: , Team History: , Racer Bio: , and Preferred Race Types: . It also shows that the user is logged in and their user role is an administrator. A yellow banner at the bottom of the page indicates that the user is logged in as an administrator with full administrator privileges. The page also features an Admin Panel with buttons for Create User, Edit User, and Delete User.

Username: reaglin
First Name: Ron
Last Name: Eaglin
User ID: 1
Gender:
Years of Experience:
Race History:
Team History:
Racer Bio:
Preferred Race Types:

You are logged in

User Role: administrator

[EDIT PROFILE](#) [DELETE PROFILE](#)

You are logged in as an administrator with full administrator privileges.

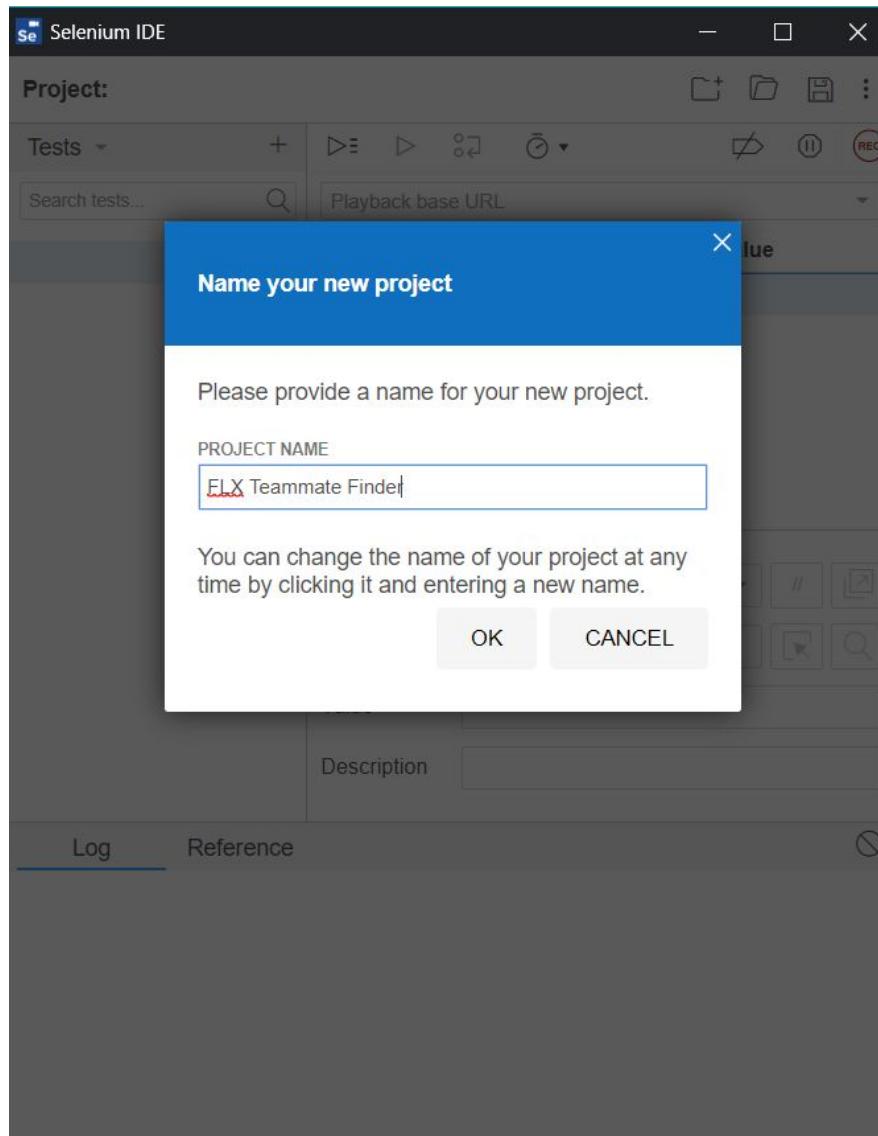
Admin Panel

[CREATE USER](#) [EDIT USER](#) [DELETE USER](#)

D. Test Plan

The testing plan for FLX Teammate Finder consists of general debugging and the use of test cases in Selenium IDE for browser testing and PHPUnit for testing in the PHPStorm IDE. Additionally, a debugger such as XDebug is used for debugging.

Selenium IDE



The screenshot shows a web application interface with a dark header bar at the top containing navigation links: ABOUT FLX ADVENTURES ▾, EVENTS ▾, RANKINGS, PHOTOS!, RACER PROFILE, and a magnifying glass icon for search.

User Profile Section:

- REGISTER** button (green)
- Social media icons: Facebook, Twitter, YouTube, Instagram
- RECENT EVENTS:**
 - St. Francis Trail Run
 - Boar AR
 - The Deviant Wolfe AR
- Gift Certificates**
- LOGIN** section:
 - You are logged in as reaglin
 - [click here to log out](#)
- Contact Us!**
- Subscribe to our Newsletter**
- Admin Page**

User details displayed on the right:

- Username: reaglin
- First Name: Ron
- Last Name: Eaglin
- User ID: 1
- Gender:
- Years of Experience:
- Race History:
- Team History:
- Racer Bio:
- Preferred Race Types:

Log-in status:

- You are logged in
- User Role: administrator

Action buttons:

- EDIT PROFILE**
- DELETE PROFILE**

Admin Panel Section:

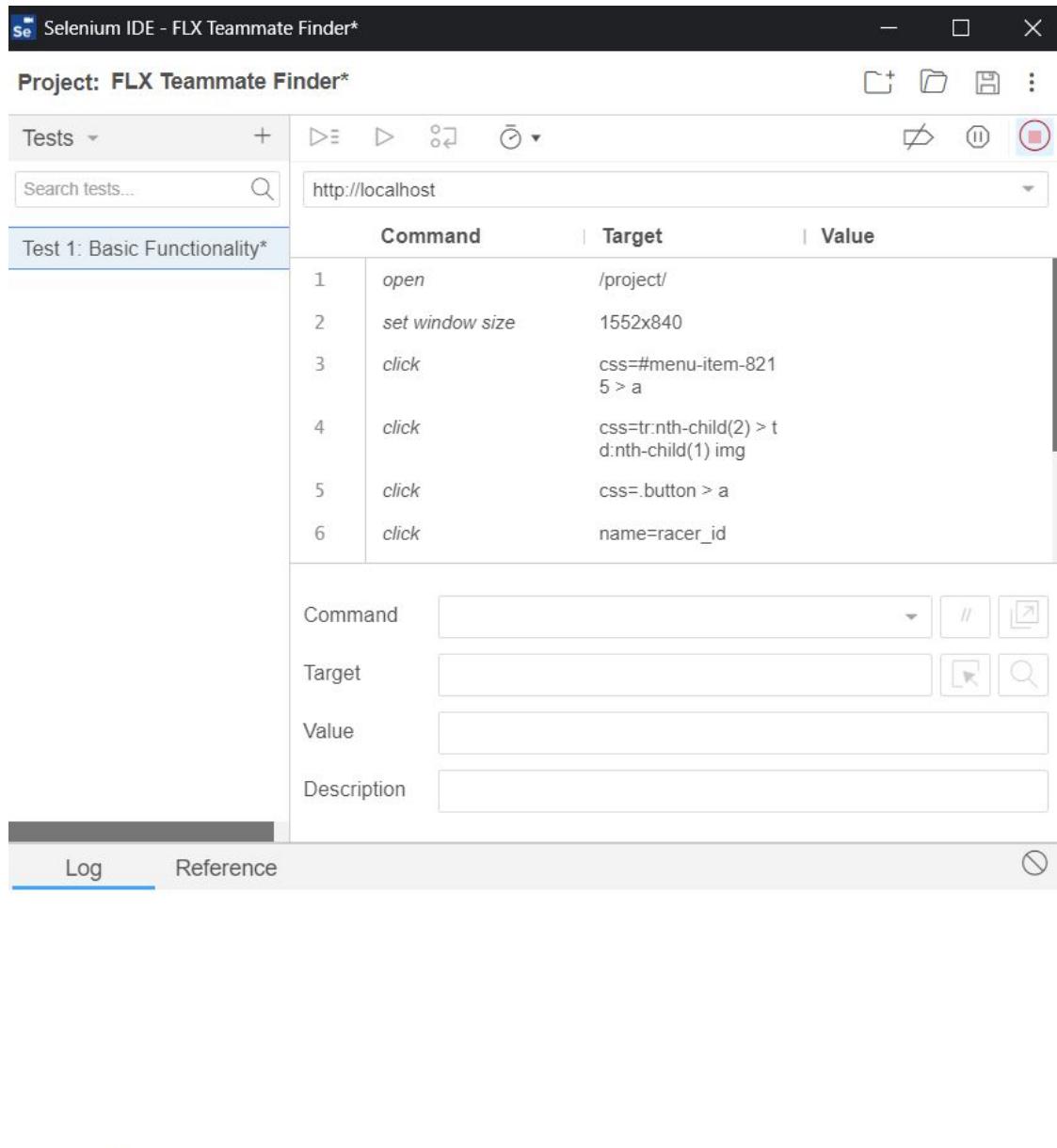
You are logged in as an administrator with full administrator privileges.

Admin Panel

Action buttons:

- CREATE USER**
- EDIT USER**
- DELETE USER**

A red message bubble in the bottom right corner says: **Selenium IDE is recording...**



PHPUnit

```
run: StackTest
Tests passed: 1 of 1 test - 5 ms
Test Results
5ms Testing started at 3:33 PM ...
C:\xampp\php\php.exe C:/xampp/vendor/phpunit/phpunit/phpunit --no-configuration --filter testcase1 --test-suffix testcase1.php C:/xampp/htdocs
PHPUnit 9.1.3 by Sebastian Bergmann and contributors.

Time: 00:02.235, Memory: 4.00 MB
OK (1 test, 5 assertions)

Process finished with exit code 0
```

Externally added files can be added to Git
View Files Always Add Don't Ask Again

PHPUnit with XDebug

```
Debug: StackTest
Debugger Console
Tests passed: 1 of 1 test - 5 ms
Test Results
5ms Testing started at 3:35 PM ...
C:\xampp\php\php.exe -dxdebug.remote_enable=1 -dxdebug.remote_mode=req -dxdebug.remote_port=9000 -dxdebug.remote_host=127.0.0.1 C:/xampp/vend
PHPUnit 9.1.3 by Sebastian Bergmann and contributors.

Time: 00:02.157, Memory: 4.00 MB
OK (1 test, 5 assertions)

Process finished with exit code 0
```

Externally added files can be added to Git
View Files Always Add Don't Ask Again

E. Development Timeline

Phase I - Teammate Finder Profile System

Objective: Build the Teammate Finder Profile Page System

Components: Landing page for UI, profile button, three PHP pages for CRUD system, MySQL database, WordPress framework, and the FLX Adventure Team Racing WordPress theme and website.

Start: 04/14/2020

Completion: 04/28/2020

Phase II - Teammate Finder Search System

Objective: Build the Teammate Finder Search Page System

Components: Landing page for UI, search button, PHP page for search functionality, MySQL database, WordPress framework, and the FLX Adventure Team Racing WordPress theme and website.

Start: 04/28/2020

Completion: 05/02/2020

Phase III - Integration

Objective: Integrate both systems into the FLX Adventure Racing website.

Components: Teammate Finder Profile System, Teammate Finder Search System, FLX Adventure Team Racing website, WordPress framework.

Start: 05/02/2020

Completion: 05/04/2020

Phase IV - Testing

Objective: Test and debug the complete FLX Teammate Finder system.

Components: FLX Teammate Finder System, PHPUnit, Selenium, XDebug.

Start: 05/04/2020

Completion: 05/06/2020

Phase V - Deployment

Objective: Deploy the FLX Adventure Racing website with the fully integrated FLX Teammate Finder to a remote web host.

Components: WordPress Duplicator, FileZilla, web host.

Start: 05/06/2020

Completion: 05/06/2020

F. Teammate Finder Profile Page

The Teammate Finder profile is stored in a user-defined table row in the FLX Teammate Finder table in the FLX Adventure Racing database. The currently logged in user may create one Teammate Finder profile for him or herself by entering their racer history and preferences into a form and submitting the form to create the profile. Once the profile is created, the user will be redirected to their profile page to view, edit, or deactivate their profile. Users cannot delete their own profiles, but once they deactivate their profile it can no longer be viewed by anyone without administrator privileges until they reactivate it. While active, the users profile will be visible to other users who are currently logged in, but will not be visible to guest users or users that are not logged in. The Teammate Finder Search Page will use filters to compare racer profile information and run queries to retrieve a list of racers from the Teammate Finder database using the search filter shown in the previous section.

The Teammate Finder profile page will display the following fields which can be created, edited, and deleted by the owner of the profile if that user is logged in.

- First Name
- Last Name
- Gender
- Email Address
- Years of Experience
- Race History
- Team History
- Preferred Race Type(s)
- Racer Biography

Administrator accounts will be able to view an administrator panel on the bottom of the page, which allows full CRUD access to all users including the deletion of data from the database.

I. Development

Teammate Finder Create Profile Page Code

WordPress Main Page (teammate-finder-create-profile)

```
<form action="/project/page-teammatefinder.php" method="post" name="form">
<p>Create Teammate Finder Profile</p>
```

```

<p><input name="first_name" required="" type="text" placeholder="First Name" /><br />
<input name="last_name" required="" type="text" placeholder="Last Name" /><br />
<input name="gender" required="" type="text" placeholder="Gender" /><br />
<input name="email_address" required="" type="text" placeholder="Email Address" /><br />
<input name="years_experience" required="" type="number" placeholder="Years of Experience" /><br />
<input name="race_history" required="" type="text" placeholder="Prior Races" /><br />
<input name="prior_teams" required="" type="text" placeholder="Prior Teams" /><br />
<textarea style="margin-top: 5px; width: 200px; height: 80px;" name="racer_bio" required="" placeholder="Racer Profile / Bio"></textarea></p>
<p><label for="race_preference">Preferred Race Types:</label><br />
<select id="race_preference" style="height: 100px; width: 200px;" multiple="multiple" name="race_preference">
<option value="all">All Race Types</option>
<option value="sprint">Sprint</option>
<option value="sport">Sport</option>
<option value="elite">Elite</option>
<option value="relay">Relay</option>
<option value="family">Family</option>
<option value="run-paddle">Run-Paddle</option>
<option value="obstacle">Obstacle Course</option></select></p>
<p><input name="show" type="submit" value="Create Profile" /></p>
</form>

```

PHP Create Profile (page-teammatefinder.php)

```

<?php

$location = $_SERVER['DOCUMENT_ROOT'];

include($location . '/project/wp-config.php');
include($location . '/project/wp-load.php');
include($location . '/project/wp-includes/pluggable.php');

global $wpdb;

$uid = get_current_user_id();
$racer_id      = $uid;
$first_name    = sanitize_text_field($_POST['first_name']);
$last_name     = sanitize_text_field($_POST['last_name']);
$gender        = sanitize_text_field($_POST['gender']);
$email_address = sanitize_text_field($_POST['email_address']);
$years_experience = sanitize_text_field($_POST['years_experience']);
$race_history   = sanitize_text_field($_POST['race_history']);
$prior_teams    = sanitize_text_field($_POST['prior_teams']);
$race_preference = sanitize_text_field($_POST['race_preference']);
$racer_bio      = sanitize_text_field($_POST['racer_bio']);

$wpdb->insert('flx_teammate_finder'
 ,array('racer_id'      => $uid
 , 'first_name'    => $first_name
 , 'last_name'     => $last_name
 , 'email_address' => $email_address
 , 'gender'        => $gender
 , 'years_experience' => $years_experience
 , 'race_history'  => $race_history
 , 'prior_teams'   => $prior_teams
);

```

```

        , 'race_preference' => $race_preference
        , 'racer_bio' => $racer_bio
    )
);

wp_redirect( site_url() . '/page-teammatefinder-profile-create.php'); exit;
?>

```

PHP Profile Management Page (page-teammatefinder-profile-create.php)

```

<?php

$location = $_SERVER['DOCUMENT_ROOT'];

include($location . '/project/wp-config.php');
include($location . '/project/wp-load.php');
include($location . '/project/wp-includes/pluggable.php');

global $wpdb;

get_header(); ?>

<style>

.site-content .entry-header,
.site-content .entry-content,
.site-content .entry-summary,
.site-content .entry-meta,
.page-content,
.hentry,
.entry-content {
    max-width: 1260px !important;
}

.site-content {
    margin-right:20px; !important;
}

</style>

<?php
// Start the Loop.
while ( have_posts() ) : the_post();
    // Include the page content template.
    get_template_part( 'content', 'page' );
    // If comments are open or we have at least one comment, load up the comment template.
    if ( comments_open() || get_comments_number() ) {
        comments_template();
    }
endwhile;
?>

<div id="main-content" class="main-content">
    <div id="content" class="site-content" role="main">
<?php

$user = wp_get_current_user();

```

```

if (is_user_logged_in()) {
    $uid = get_current_user_id();
    $ufo = get_userdata($uid);
    $username = $ufo->user_login;
    $first_name = $ufo->first_name;
    $last_name = $ufo->last_name;
    $results = $wpdb->get_results("
        select racer_id
        ,first_name
        ,last_name
        ,email_address
        ,years_experience
        ,gender
        ,race_history
        ,race_preference
        ,prior_teams
        ,racer_bio
        from flx_teammate_finder WHERE racer_id = $uid
    ");
}

foreach ( $results as $result ) {
    echo '<h2>FLX Teammate Finder</h2><h3>Racer Profile</h3><br /><p>';
    echo '<option value="'. $result->racer_id .'>Racer ID: ' . ($result->racer_id) . '</option>';
    echo '<option value="'. $result->racer_id .'>First Name: ' . ($result->first_name) . '</option>';
    echo '<option value="'. $result->racer_id .'>Last Name: ' . ($result->last_name) . '</option>';
    echo '<option value="'. $result->racer_id .'>Email Address: ' . ($result->email_address) . '</option>';
    echo '<option value="'. $result->racer_id .'>Years of Experience: ' . ($result->years_experience) . '</option>';
    echo '<option value="'. $result->racer_id .'>Gender: ' . ($result->gender) . '</option>';
    echo '<option value="'. $result->racer_id .'>Race History: ' . ($result->race_history) . '</option>';
    echo '<option value="'. $result->racer_id .'>Race Preference: ' . ($result->race_preference) . '</option>';
    echo '<option value="'. $result->racer_id .'>Team History: ' . ($result->prior_teams) . '</option>';
    echo '<option value="'. $result->racer_id .'>Racer Profile: ' . ($result->racer_bio) . '</option>';
    ';
    echo '</p>';
    echo "<div class='button' style='width: 100px; display: inline-block; margin: 10px;'>Edit Profile</div>";
    echo "<div class='button' style='width: 100px; display: inline-block; margin: 10px;'>Delete Profile</div>";
    echo '<br />';
}
if (in_array("administrator", $user->roles)) {
    echo "<br /><div class='container' style='text-align: center; margin: 20px; padding: 20px;
        background: orange;'>You are logged in as an administrator with full administrator privileges. <br />";
    echo "<h3>Admin Panel</h3>";
    echo "<br /><div class='button' style='width: 100px; display: inline-block; margin: 10px;'>Create User</div>";
    echo "<div class='button' style='width: 100px; display: inline-block; margin: 10px;'>Edit User</div>";
    echo "<div class='button' style='width: 100px; display: inline-block; margin: 10px;'>Delete User</div></div>";
}
else {
    echo "<br />You are logged in as a racer with standard user privileges.";
}
}
else {
    echo "<br />You are not logged in.";
}
?>
    </div>
</div>

```

```
<?php  
get_sidebar();  
get_footer();
```

II. Testing

Teammate Finder Create Profile Page

The screenshot shows a web page titled "TEAMMATE FINDER – CREATE PROFILE". On the left, there is a sidebar with links for "REGISTER", "RECENT EVENTS" (listing St. Francis Trail Run, Boar AR, and The Deviant Wolfe AR), "Gift Certificates", "LOGIN" (logged in as reaglin, with a link to log out), "Contact Us!", "Subscribe to our Newsletter", and "Admin Page". The main content area contains a form for creating a profile, including fields for First Name, Last Name, Gender, Email Address, Years of Experience, Prior Races, Prior Teams, and a Racer Profile / Bio. Below these fields is a dropdown menu for "Preferred Race Types" with options like All Race Types, Sprint, Sport, Elite, and Relay. At the bottom of the form are two buttons: "CREATE PROFILE" and "EDIT". To the right of the form, there is a sidebar titled "Tweets" from the account @flxadventures. It displays three tweets: one from Jan 21, 2020, one from Jan 18, 2020, and one from Jan 17, 2020. Each tweet includes a small profile picture, the tweet text, and interaction icons.

All fields that are already stored as racer info in other tables, such as prior races and teams, are automatically transferred into the Teammate Finder table from other tables rather than being entered manually by the user.

Teammate Finder Profile Management Page

The screenshot displays two main sections of the FLX Teammate Finder website:

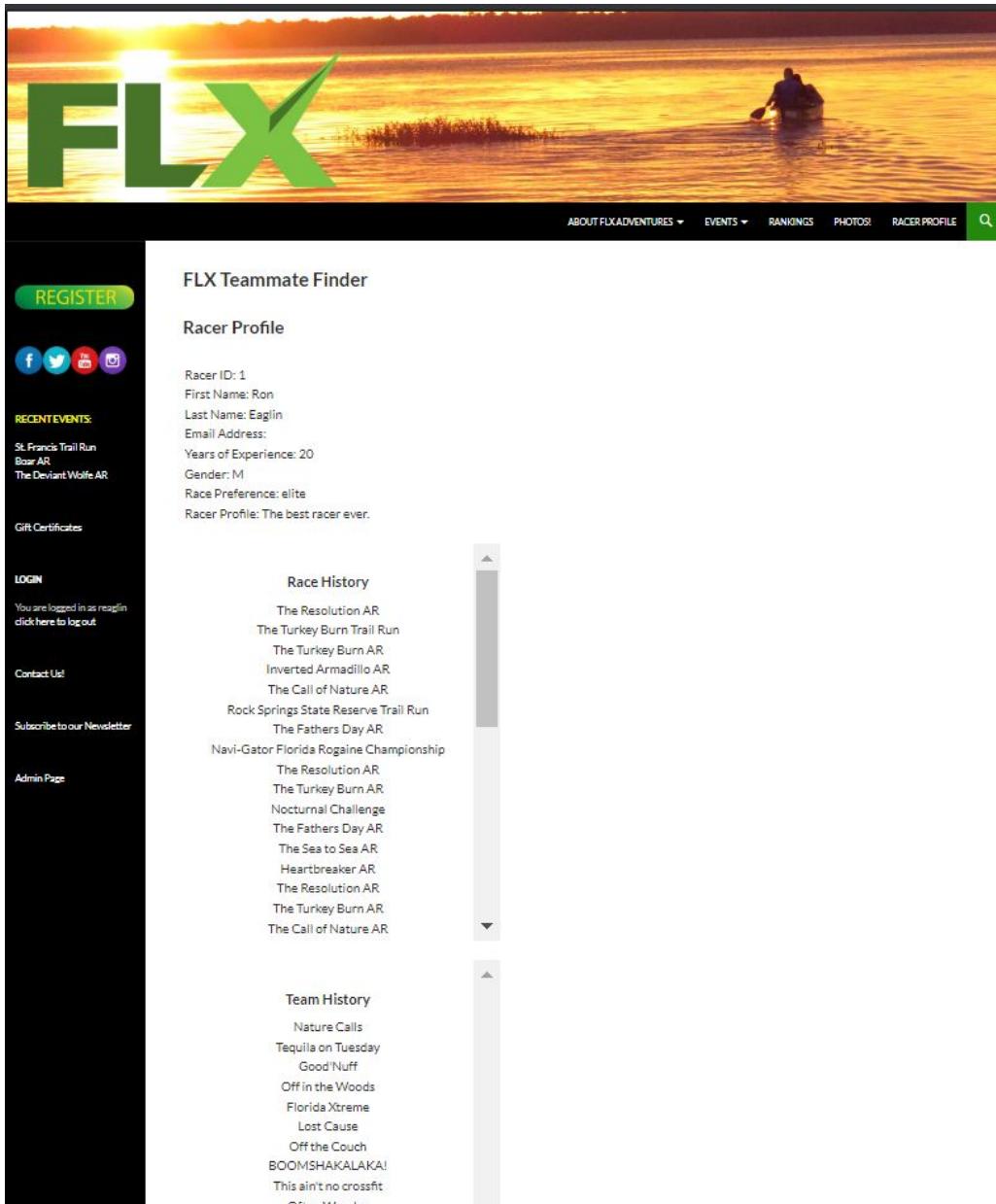
Racer Profile Section:

- Header:** Includes a "REGISTER" button, social media icons (Facebook, Twitter, YouTube, Instagram), and navigation links for "ABOUT FLX ADVENTURES", "EVENTS", "RANKINGS", "PHOTOS", "RACER PROFILE", and a search icon.
- Title:** "FLX Teammate Finder" and "Racer Profile".
- Data:**
 - Racer ID: 1
 - First Name: Ron
 - Last Name: Eaglin
 - Email Address: (not visible)
 - Years of Experience: 20
 - Gender: M
 - Race History: Boar AR 2020, Howl at the Moon 2019
 - Race Preference: elite
 - Team History: The Best Racers
 - Racer Profile: The best racer ever.
- Buttons:** "EDIT PROFILE" and "DELETE PROFILE" in green boxes.

Admin Panel Section:

- Message:** "You are logged in as an administrator with full administrator privileges."
- Title:** "Admin Panel".
- Buttons:** "CREATE USER", "EDIT USER", and "DELETE USER" in green boxes.

The above example uses fictional data created for testing purposes. Actual data in the Teammate Finder Profile that already exists in the Racer Profile will be extracted from the Racer Profile rather than entered manually. An example of this is shown in the snapshots below. The Race History and Team History will be in a collapsable format to neatly fit into the page without elongation (not shown below).



FLX

ABOUT FLXADVENTURES ▾ EVENTS ▾ RANKINGS PHOTOS RACER PROFILE

REGISTER

RECENT EVENTS:

St. Francis Trail Run
Bear AR
The Deviant Wolfe AR

Gift Certificates

LOGIN
You are logged in as [readlin](#) click here to [log out](#)

Contact Us!

Subscribe to our Newsletter

Admin Page

FLX Teammate Finder

Racer Profile

Racer ID: 1
First Name: Ron
Last Name: Eaglin
Email Address:
Years of Experience: 20
Gender: M
Race Preference: elite
Racer Profile: The best racer ever.

Race History

The Resolution AR
The Turkey Burn Trail Run
The Turkey Burn AR
Inverted Armadillo AR
The Call of Nature AR
Rock Springs State Reserve Trail Run
The Fathers Day AR
Navi-Gator Florida Rogaine Championship
The Resolution AR
The Turkey Burn AR
Nocturnal Challenge
The Fathers Day AR
The Sea to Sea AR
Heartbreaker AR
The Resolution AR
The Turkey Burn AR
The Call of Nature AR

Team History

Nature Calls
Tequila on Tuesday
Good'Nuff
Off in the Woods
Florida Xtreme
Lost Cause
Off the Couch
BOOMSHAKALAKA!
This ain't no crossfit
[Open Wunder](#)

The screenshot shows a user profile page with two main sections: "Race History" and "Team History".

Race History

- The Resolution AR
- The Turkey Burn Trail Run
- The Turkey Burn AR
- Inverted Armadillo AR
- The Call of Nature AR
- Rock Springs State Reserve Trail Run
- The Fathers Day AR
- Navi-Gator Florida Rogaine Championship
- The Resolution AR
- The Turkey Burn AR
- Nocturnal Challenge
- The Fathers Day AR
- The Sea to Sea AR
- Heartbreaker AR
- The Resolution AR
- The Turkey Burn AR
- The Call of Nature AR

Team History

- Nature Calls
- Tequila on Tuesday
- Good'Nuff
- Off in the Woods
- Florida Xtreme
- Lost Cause
- Off the Couch
- BOOMSHAKALAKA!
- This ain't no crossfit
- Often Wonder
- Ron Eaglin
- Chub Solo
- Mustang Ron and the Hamjoes
- Mojitos on Monday - Sausage Edition
- Almost Good'Nuff
- Control'd KAOS
- Bueller Bueller

At the bottom of the profile section are two buttons: "EDIT PROFILE" and "DELETE PROFILE".

An orange "Admin Panel" overlay is displayed at the bottom of the screen. It contains the message: "You are logged in as an administrator with full administrator privileges." Below this is the title "Admin Panel". At the bottom of the overlay are three buttons: "CREATE USER", "EDIT USER", and "DELETE USER".

G. Teammate Search

The search feature is a key component of the Teammate Finder that will allow a racer to search for potential teammates based on multiple criteria. The criteria will allow the user to filter search results to locate the appropriate teammate based on the users preferences.

Criteria:

- First Name
- Last Name
- Gender
- Years of Experience
- Prior Race
- Prior Team
- Preferred Race Type(s)
- Racer Bio Keyword

The search system consists of two pages, a WordPress page for the search interface and a PHP page to process the search and display the results. The PHP page currently displays the result of each matching field as the full name of the racer. Below each racer's name is a link to that racer's Teammate Finder Profile page. While all of the racer's public information can be found on the Teammate Finder Profile page, the search results page will be expanded upon to include more information in the results and will also be formatted to display the results in a more structured fashion.

I. Development

Code: WordPress Search Page (teammate-finder-search)

```
<form action="/project/page-teammatefinder-search.php" method="post" name="form">
<p>Search for a teammate by</p>
<p><input name="first_name" type="text" placeholder="First Name" /><br />
<input name="last_name" type="text" placeholder="Last Name" /><br />
<input name="gender" type="text" placeholder="Gender" /><br />
<input name="years_experience" type="number" placeholder="Years of Experience" /><br />
<input name="prior_race" type="text" placeholder="Prior Race" /><br />
<input name="prior_team" type="text" placeholder="Prior Team" />
<input name="racer_bio" type="text" placeholder="Racer Bio/Characteristics" /><br />
/></p><p><label for="race_type">Race Type:</label><br /><select id="race_type" name="race_type">
<option value="all">All Race Types</option><option value="sprint">Sprint</option>
<option value="sport">Sport</option><option value="elite">Elite</option><option value="relay">Relay</option><option value="family">Family</option>
<option value="run-paddle">Run-Paddle</option>
<option value="obstacle">Obstacle Course</option>
</select></p></p>
<p><input name="show" type="submit" value="Show Racers" /></p></form>
```

Code: Teammate Finder Search Results Page (page-teammatefinder-search.php)

```

<?php

$location = $_SERVER['DOCUMENT_ROOT'];

include($location . '/project/wp-config.php');
include($location . '/project/wp-load.php');
include($location . '/project/wp-includes/pluggable.php');

global $wpdb;

get_header(); ?>

<style>

.site-content .entry-header,
.site-content .entry-content,
.site-content .entry-summary,
.site-content .entry-meta,
.page-content,
.hentry,
.entry-content {
    max-width: 1260px !important;
}

.site-content {
    margin-right:20px; !important;
}

</style>

<?php
// Start the Loop.
while ( have_posts() ) : the_post();
    // Include the page content template.
    get_template_part( 'content', 'page' );
    // If comments are open or we have at least one comment, load up the comment template.
    if ( comments_open() || get_comments_number() ) {
        comments_template();
    }
 endwhile;
?>

<div id="main-content" class="main-content">
    <div id="content" class="site-content" role="main">
<?php

$first_name      = sanitize_text_field($_POST['first_name']);
$last_name       = sanitize_text_field($_POST['last_name']);
$gender          = sanitize_text_field($_POST['gender']);
$email_address   = sanitize_text_field($_POST['email_address']);
$years_experience = sanitize_text_field($_POST['years_experience']);
$race_history    = sanitize_text_field($_POST['race_history']);
$prior_teams     = sanitize_text_field($_POST['prior_teams']);
$race_preference = sanitize_text_field($_POST['race_preference']);
$racer_bio       = sanitize_text_field($_POST['racer_bio']);

$results = $wpdb->get_results("select racer_id

```

```

,first_name
,last_name
from flx_teammate_finder
where REPLACE(first_name, "", "") LIKE '%$first_name%'
and REPLACE(last_name, "", "") LIKE '%$last_name%'
and REPLACE(years_experience, "", "") LIKE '%$years_experience%'
and REPLACE(race_preference, "", "") LIKE '%$race_preference%'
and REPLACE(race_history, "", "") LIKE '%$race_history%'
and REPLACE(prior_teams, "", "") LIKE '%$prior_teams%'
and REPLACE(racer_bio, "", "") LIKE '%$racer_bio%'
");

echo 'Results: ';
foreach ($results as $result) {
    echo '<option value="'. $result->racer_id.'">' .($result->first_name).' '.($result->last_name).'
        </option><a href="http://localhost/project/page-teammatefinder-profile-create.php?'. $result->racer_id.'">View Racer Profile</a>';
}
?>
</div>

</div>

<?php
get_sidebar();
get_footer();

```

II. Testing

WordPress Search Page

REGISTER

[f](#) [t](#) [y](#) [i](#)

RECENT EVENTS:

- St. Francis Trail Run
- Boar AR
- The Deviant Wolfe AR

GIFT CERTIFICATES

LOGIN

You are logged in as reaglin
[click here to log out](#)

Contact Us!

Subscribe to our Newsletter

Admin Page

ABOUT FLX ADVENTURES ▾

EVENTS ▾

RANKINGS

PHOTOS!

RACER PROFILE

SEARCH

TEAMMATE FINDER – SEARCH

Search for a teammate by

First Name
Last Name
Gender
Years of Experience
Prior Race
Racer Bio/Characteristic
Prior Team

Race Type:

All Race Types ▾

All Race Types

Sprint

Sport

Elite

Relay

Family

Run-Paddle

Obstacle Course

SHOW RACERS

EDIT

Tweets by @flxadventures

FL Xtreme Adventure @flxadventures facebook.com/flxadventures/...

Jan 21, 2020

FL Xtreme Adventure @flxadventures Just a few shots from today's Resolution AR. I'll have a few more to post later.

Jan 18, 2020

FL Xtreme Adventure @flxadventures At Silver Lake Campground. Just finished setting out the last few controls for tomorrow's Resolution AR...

Jan 17, 2020

FL Xtreme Adventure Embed View on Twitter

Tweets by @flxadventures

Race Type:

All Race Types ▾

All Race Types

Sprint

Sport

Elite

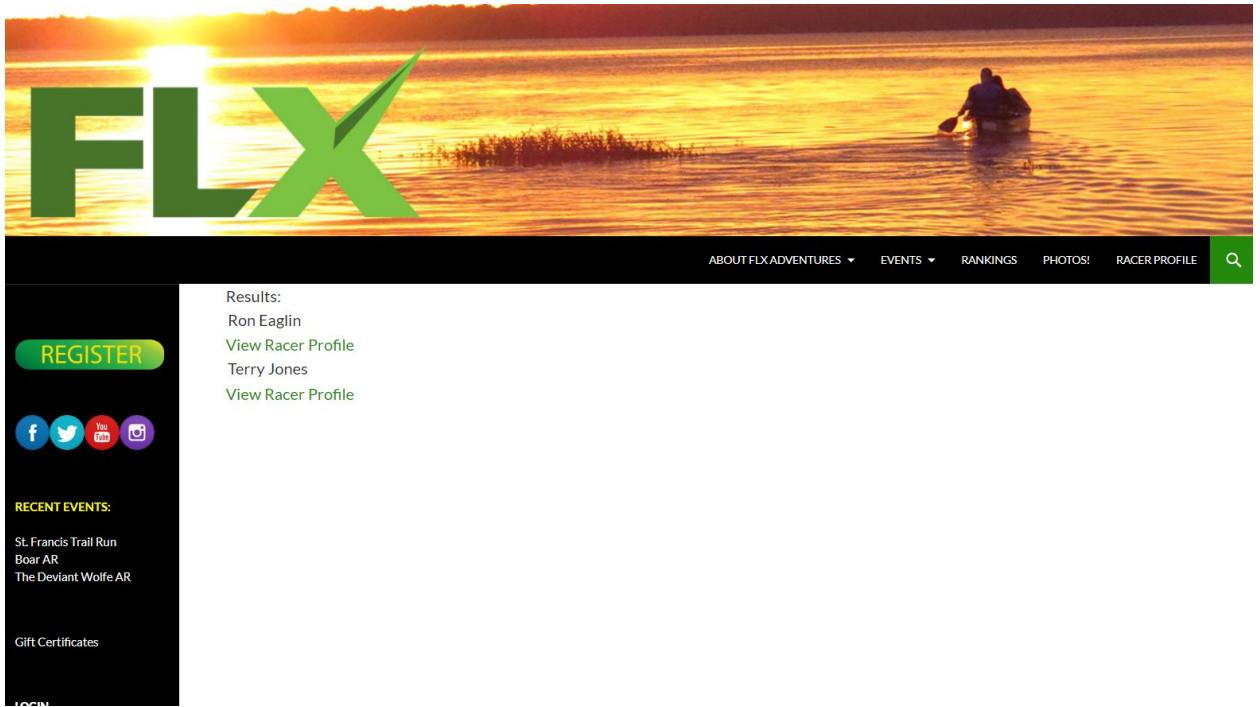
Relay

Family

Run-Paddle

Obstacle Course

PHP Results Page (page-teammatefinder-search.php)



H. FLX Teammate Finder

1. Integration

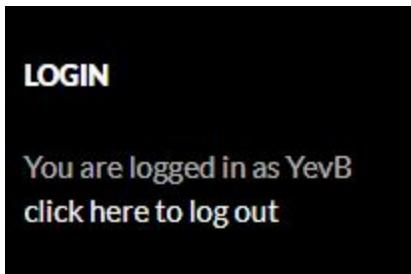
With the completion of both the Teammate Finder Profile System and the Teammate Finder Search System, the integration of these two subsystems is documented below.

User Documentation

To navigate to the Teammate Finder Profile, the user must go to the FLX Adventure Racing website, log in, click on “Racer Profile”, and click on “Teammate Finder Profile”, where the user will either be shown their Teammate Finder profile or will be prompted to create one if no profile exists. This process is documented below.

Accessing Teammate Finder Profile:

Step 1: Login



Step 2: Click on Racer Profile button.

The screenshot shows the FLX Adventures website. The header features a large green "FLX" logo with a stylized "X" on the right, set against a background of a sunset over water with a person in a boat. Below the logo is a navigation bar with links: "ABOUT FLXADVENTURES", "EVENTS", "RANKINGS", "PHOTOS", "RACER PROFILE", and a search icon. A green "REGISTER" button is visible on the left. The main content area has a white background with the text "FLORIDA XTREME EVENT CALENDAR" and a "Tweets by @flxadventures" feed. A green box highlights the "RACER PROFILE" button in the bottom-left corner of the main content area.

Step 3: Click on “Teammate Finder Profile” link.

The screenshot shows the FLX Adventures website. The header features a large green 'FLX' logo over a sunset background with two people in a boat. The navigation bar includes links for 'ABOUT FLX ADVENTURES', 'EVENTS', 'RANKINGS', 'PHOTOS', 'RACER PROFILE', and a search icon. On the left, a sidebar has a 'REGISTER' button, social media icons (Facebook, Twitter, YouTube, Instagram), 'RECENT EVENTS' (St. Francis Trail Run, Boar AR, The Deviant Wolfe AR), and a 'Gift Certificates' link. The main content area is titled 'RACER PROFILE' and lists several options: 'My Races', 'My Teams', 'My Race Credits', 'My Personal Info', 'Register for a Race!', 'Change Password', 'Other Racers Profiles', and 'Teammate Finder Profile'. To the right, a 'Tweets by @flxadventures' sidebar shows two tweets from the official account.

Tweets by @flxadventures

FL Xtreme Adventure @flxadventures facebook.com/flxadventures/...

Just a few shots from today's Resolution AR. I'll have a few more to post later.

Jan 21, 2020

FL Xtreme Adventure @flxadventures

Just a few shots from today's Resolution AR. I'll have a few more to post later.

Jan 18, 2020

- [Teammate Finder Profile](#)

Step 4: If you already have a Teammate Finder profile, then your profile will be displayed on this page. Otherwise, you will be prompted to create a new profile.

The website features a large, stylized green 'FLX' logo in the upper left corner. A navigation bar at the top includes links for 'ABOUT FLX ADVENTURES', 'EVENTS', 'RANKINGS', 'PHOTOS', 'RACER PROFILE', and a search icon. On the left side, there's a sidebar with a 'REGISTER' button, social media icons for Facebook, Twitter, YouTube, and Instagram, and sections for 'RECENT EVENTS' (listing 'St. Francis Trail Run', 'Boar AR', and 'The Deviant Wolfe AR') and 'Gift Certificates'. The main content area displays a message: 'You do not have a Teammate Finder profile. Please click the button below to create one.' with a 'CREATE PROFILE' button.

CREATE PROFILE

Step 5: Create Profile

REGISTER

RECENT EVENTS:

- St. Francis Trail Run
- Boar AR
- The Deviant Wolfe AR

GIFT CERTIFICATES

LOGIN

You are logged in as YevB
[click here to log out](#)

CONTACT US!

Subscribe to our Newsletter

TEAMMATE FINDER – CREATE PROFILE

Create Teammate Finder Profile

Name: Yevgeniy

Surname: Borts

Gender: M

Email: eugene_borts@daytonas

Age: 0

Experience: Beginner with no racing experience.

Preferred Race Types:

- All Race Types
- Sprint
- Sport
- Elite
- Relay

CREATE PROFILE

Tweets by @flxadventures

FL Xtreme Adventure @flxadventures facebook.com/flxadventures/...

Just a few shots from today's Resolution AR. I'll have a few more to post later.

At Silver Lake Campground. Just finished setting out the last few controls for tomorrow's Resolution AR...

Embed View on Twitter

CREATE PROFILE

Step 6: Return to Teammate Finder Profile page to view profile (the user is automatically redirected after creating the profile).

The screenshot shows a user profile page for a racer named Yevgeniy. The top navigation bar includes links for About FLX Adventures, Events, Rankings, Photos, Racer Profile, and a search icon. On the left, there's a sidebar with a Register button, social media icons (Facebook, Twitter, YouTube, Instagram), Recent Events (St. Francis Trail Run, Boar AR, The Deviant Wolfe AR), Gift Certificates, Login (logged in as YevB), Contact Us, Subscribe to our Newsletter, and Leaderboard. The main content area displays the Racer Profile for Yevgeniy, showing details like Racer ID: 2117, First Name: Yevgeniy, Last Name: Borts, Email Address: eugene_borts@daytonastate.edu, Years of Experience: 0, Gender: M, Race Preference: all, and Racer Profile: Beginner with no racing experience. Below this are sections for Race History and Team History, each with an Edit Profile and Deactivate Profile button. A message at the bottom states "You are logged in as a racer with standard user privileges."

ABOUT FLX ADVENTURES ▾ EVENTS ▾ RANKINGS PHOTOS! RACER PROFILE

REGISTER

f t y i

RECENT EVENTS:

St. Francis Trail Run
Boar AR
The Deviant Wolfe AR

GIFT CERTIFICATES

LOGIN

You are logged in as YevB
[click here to log out](#)

CONTACT US!

SUBSCRIBE TO OUR NEWSLETTER

LEADERBOARD

FLX Teammate Finder

Racer Profile

Racer ID: 2117
First Name: Yevgeniy
Last Name: Borts
Email Address: eugene_borts@daytonastate.edu
Years of Experience: 0
Gender: M
Race Preference: all
Racer Profile: Beginner with no racing experience.

Race History

Team History

EDIT PROFILE **DEACTIVATE PROFILE**

You are logged in as a racer with standard user privileges.

Navigating to the Teammate Finder Search Page

Step 1: Mouse over Events, FLXRacers(year), and Adventure Races

FLX

ABOUT FLX ADVENTURES ▾ EVENTS ▾ RANKINGS PHOTOS! RACER PROFILE

REGISTER

RECENT EVENTS:

- St. Francis Trail Run
- Boar AR
- The Deviant Wolfe AR

Gift Certificates

FLORIDA XTREME EVENT CALENDAR

EDIT

REGISTER FOR A RACE!

FLX RACES (2020) ► ADVENTURE RACES

FLX RACES (2019) ► TRAIL RUNS

FLX RACES (2018) ► Jan 21, 2020

FLX RACES (2017) ► Jan 21, 2020

FLX RACES (2016) ► Jan 21, 2020

FLX RACES (2015) ► Jan 21, 2020

FLX RACES (2014) ► Jan 18, 2020

VOLUNTEER

Step 2: Click on a race.

ABOUT FLX ADVENTURES ▾ **EVENTS** ▾ RANKINGS PHOTOS! RACER PROFILE

BOAR
ADVENTURE RACE

Boar AR
March 21, 2020

River Forest Campground,

Come join us in the Ocala National Forest for a race designed for maximum fun and excitement.

FATHER'S DAY
ADVENTURE RACE

The Fathers Day AR
June 21, 2020

Little Big Econ State Forest

It wouldn't feel like Father's Day if we were not racing in the woods!

Step 3: Scroll down to the “Looking for a Team?” section and click on the “Help Me Find A Team” button.

Please print and fill out the [FLX Race Waiver](#) (one per racer) and bring on race day, this will greatly speed up the check-in process.

Looking for a Team?

If you are looking for a team to join, or looking to find some teammates, please feel free to post a message on the [Florida Adventure Racing](#) Facebook page or use the Teammate Finder feature below.

HELP ME FIND A TEAM

Volunteers!

We are always looking for volunteers to help at our events. If you (or a friend or family member) are interested/available please email us at volunteer@flxadventures.com.

Step 4: Search for teammates using the search filters or click “Show Racers” to browse all racers with a currently active Teammate Finder profile.

The screenshot shows the FL Xtreme Adventure website. At the top, there's a decorative banner with a yellow and orange gradient. Below it is a black navigation bar with links for "ABOUT FLX ADVENTURES", "EVENTS", "RANKINGS", "PHOTOS", "RACER PROFILE", and a magnifying glass icon for search. On the left side, there's a sidebar with a "REGISTER" button, social media icons for Facebook, Twitter, YouTube, and Instagram, and sections for "RECENT EVENTS" (St. Francis Trail Run, Boar AR, The Deviant Wolfe AR), "Gift Certificates", "LOGIN" (with a note about being logged in as reagin and a link to log out), "Contact Us!", and "Subscribe to our Newsletter". The main content area is titled "TEAMMATE FINDER – SEARCH" and contains a form for searching by First Name, Last Name, Gender, Years of Experience, Prior Race, Racer Bio/Characteristic, and Prior Team. It also includes a dropdown for "Race Type" set to "All Race Types" and a "SHOW RACERS" button. To the right of the main content, there's a sidebar titled "Tweets" from the @fixadventures account. It shows three tweets: one from Jan 21, 2020, one from Jan 18, 2020, and one from Jan 17, 2020.

RECENT EVENTS:

- St. Francis Trail Run
- Boar AR
- The Deviant Wolfe AR

Gift Certificates

LOGIN

You are logged in as reagin
click here to log out

Contact Us!

Subscribe to our Newsletter

REGISTER

Search for a teammate by

First Name

Last Name

Gender

Years of Experience

Prior Race

Racer Bio/Characteristic

Prior Team

Race Type:
All Race Types ▾

SHOW RACERS

Tweets by @fixadventures ①

FL Xtreme Adventure @fixadventures facebook.com/fixadventures/...

Jan 21, 2020

FL Xtreme Adventure @fixadventures Just a few shots from today's Resolution AR. I'll have a few more to post later.

Jan 18, 2020

FL Xtreme Adventure @fixadventures At Silver Lake Campground. Just finished setting out the last few controls for tomorrow's Resolution AR...

Jan 17, 2020

FL Xtreme Adventure @fixadventures

Step 5: Select a potential teammate by clicking on the “View Racer Profile” link to view that racers Teammate Finder profile.

The screenshot shows the FLX Adventures website. The header features a large green 'FLX' logo with a diagonal cut through the 'X'. Below the logo is a black navigation bar with the text 'ABOUT FLX ADVENTURES ▾'. On the left side, there's a sidebar with a 'REGISTER' button and social media icons for Facebook, Twitter, YouTube, and Instagram. The main content area is titled 'Results' and lists several racers with their names and 'View Racer Profile' links. A sidebar on the left also lists 'RECENT EVENTS' and a 'Gift Certificates' link.

Results

Ron Eaglin
[View Racer Profile](#)

Yevgeniy Borts
[View Racer Profile](#)

Eugene Borts
[View Racer Profile](#)

Terry Jones
[View Racer Profile](#)

RECENT EVENTS:

St. Francis Trail Run
Boar AR
The Deviant Wolfe AR

[Gift Certificates](#)

Step 6: Use the information on the racer profile page to contact a racer, or use the contact button (not yet implemented).

Racer Profile

Racer ID: 1

First Name: Ron

Last Name: Eaglin

Email Address: rr@aol.com

Years of Experience: 25

Gender: M

Race Preference: all

Racer Profile: Top racer

Race History

The Resolution AR

The Turkey Burn Trail Run

The Turkey Burn AR

Inverted Armadillo AR

The Call of Nature AR

Rock Springs State Reserve Trail Run

The Fathers Day AR

Navi-Gator Florida Rogaine Championship

The Resolution AR

The Turkey Burn AR

Nocturnal Challenge

The Fathers Day AR

The Sea to Sea AR

Database

The FLX Teammate Finder uses the FLX Adventure Racing database for the FLX Adventure Racing website. The major addition made to the database by FLX Teammate Finder is the `flx_teammate_finder` table, which can be viewed below.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	racer_id	int(11)			No	None		Change	Drop ▾ More
2	first_name	varchar(100)	utf8mb4_general_ci		No	None		Change	Drop ▾ More
3	last_name	varchar(100)	utf8mb4_general_ci		No	None		Change	Drop ▾ More
4	email_address	varchar(100)	utf8mb4_general_ci		No	None		Change	Drop ▾ More
5	phone_number	varchar(50)	utf8mb4_general_ci		Yes	NULL		Change	Drop ▾ More
6	gender	varchar(50)	utf8mb4_general_ci		Yes	NULL		Change	Drop ▾ More
7	years_experience	int(4)			No	None		Change	Drop ▾ More
8	race_history	varchar(1000)	utf8mb4_general_ci		Yes	NULL		Change	Drop ▾ More
9	race_preference	varchar(200)	utf8mb4_general_ci		Yes	NULL		Change	Drop ▾ More
10	racer_bio	varchar(255)	utf8mb4_general_ci		Yes	NULL		Change	Drop ▾ More
11	prior_teams	varchar(1000)	utf8mb4_general_ci		Yes	NULL		Change	Drop ▾ More
12	active	bit(1)			Yes	1		Change	Drop ▾ More

		racer_id	first_name	last_name	email_address	phone_number	gender	years_experience	race_history	race_preference	racer_bio	prior_teams	active
	<input type="checkbox"/> Edit Copy Delete	1	Ron	Eaglin	r@aol.com	NULL	M	25	The Resolution AR, The Turkey Burn Trail Run, The ...	all	Top racer	Nature Calls, Tequila on Tuesday, GoodNuff, Off i...	1
	<input type="checkbox"/> Edit Copy Delete	2117	Yevgeniy	Borts	eugene_borts@daytonastate.edu	NULL	M	0	all			Beginner with no racing experience.	1
	<input type="checkbox"/> Edit Copy Delete	2118	Eugene	Borts	mafila@gmail.com	NULL	M	0	all			Beginner with no race history	1
	<input type="checkbox"/> Edit Copy Delete	5000	Terry	Jones	tjones@gmail.com	NULL	M	7	none	family		Part-time racer	none

The active field is a bit which can be either 1 or 0. When a Teammate Finder profile is created, the active field is automatically set to 1. Only racers with an active value of 1 will be displayed in the Teammate Finder search and browse system. If a racer does not wish to participate in the Teammate Finder, that racer may click the Deactivate Profile button on the Teammate Finder Profile page, which will set the active bit to 0 and will no longer display the racer's profile until it is activated again. Only an administrator can delete a racer profile from the table.

Profile Deactivation

Code: Deactivation/Activation Toggle Page (page-teammatefinder-profile-deactivate.php)

```
<?php

$location = $_SERVER['DOCUMENT_ROOT'];

include($location . '/project/wp-config.php');
include($location . '/project/wp-load.php');
include($location . '/project/wp-includes/pluggable.php');
```

```
global $wpdb;

$uid = get_current_user_id();

$results = $wpdb->get_results("
    select active
    from flx_teammate_finder WHERE racer_id = $uid
");

foreach ($results as $result) {
    if ($result->active > 0) {
        $wpdb->update('flx_teammate_finder'
            , array('active' => 0
            )
            , array('racer_id' => $uid
            ));
    } elseif ($result->active < 1) {
        $wpdb->update('flx_teammate_finder'
            , array('active' => 1
            )
            , array('racer_id' => $uid
            ));
    }
}

wp_redirect( site_url().'/page-teammatefinder-profile-create.php' . $racer_id . '/'); exit;
```

Results: Teammate Finder Profile Deactivation

The Lighter Knot AR
The Ultimate Outdoors Race
The Fathers Day AR
The Resolution AR

Team History

Nature Calls
Tequila on Tuesday
Good'Nuff
Off in the Woods
Florida Xtreme
Lost Cause
Off the Couch
BOOMSHAKALAKA!
This ain't no crossfit
Often Wonder
Ron Eaglin
Chub Solo
Mustang Ron and the Hamjoes
Mojitos on Monday - Sausage Edition
Almost Good'Nuff
Control'd KAOS
Bueller Bueller

[EDIT PROFILE](#)

[DEACTIVATE PROFILE](#)

DEACTIVATE PROFILE

	racer_id	first_name	last_name	email_address	phone_number	gender	years_experience	race_history	race_preference	racer_bio	prior_teams	active	
<input type="checkbox"/>	2117	Yevgeniy	Borts	eugene_borts@daytonastate.edu	NULL	M	0	all		Beginner with no racing experience.	1	  	
<input type="checkbox"/>	2118	Eugene	Borts	mafila@gmail.com	NULL	M	0	all		Beginner with no race history.	1	  	
<input checked="" type="checkbox"/>	5000	Terry	Jones	tjones@gmail.com	NULL	M	7	none	family	Part-time racer	none	1	  
<input type="checkbox"/>	1	Ron	Eaglin	r@aol.com	NULL	M	25	The Resolution AR, The Turkey Burn Trail Run, The ...	all	Top racer	Nature Calls, Tequila on Tuesday, Good'Nuff, Off i...	0	  



ABOUT FLX ADVENTURES ▾ EVENTS ▾ RANKINGS PHOTOS! RACER PROFILE SEARCH

REGISTER

[f](#) [t](#) [y](#) [i](#)

RECENT EVENTS:

St. Francis Trail Run
Boar AR
The Deviant Wolfe AR

[Gift Certificates](#)

LOGIN

You are logged in as reaglin
[click here to log out](#)

Results

Yevgeniy Borts
[View Racer Profile](#)

Eugene Borts
[View Racer Profile](#)

Terry Jones
[View Racer Profile](#)

Team History

Nature Calls
Tequila on Tuesday
Good'Nuff
Off in the Woods
Florida Xtreme
Lost Cause
Off the Couch
BOOMSHAKALAKA!
This ain't no crossfit
Often Wonder
Ron Eaglin
Chub Solo
Mustang Ron and the Hamjoes
Mojitos on Monday - Sausage Edition
Almost Good'Nuff
Control'd KAOS
Bueller Bueller

[EDIT PROFILE](#)

[ACTIVATE PROFILE](#)

ACTIVATE PROFILE

		racer_id	first_name	last_name	email_address	phone_number	gender	years_experience	race_history	race_preference	racer_bio	prior_teams	active
<input type="checkbox"/>	Edit Copy Delete	1	Ron	Eaglin	rr@aol.com	NULL	M	25	The Resolution AR, The Turkey Burn Trail Run, The ...	all	Top racer	Nature Calls, Tequila on Tuesday, GoodNuff, Off i...	1
<input type="checkbox"/>	Edit Copy Delete	2117	Yevgeniy	Borts	eugene_borts@daytonastate.edu	NULL	M	0		all		Beginner with no racing experience.	1
<input type="checkbox"/>	Edit Copy Delete	2118	Eugene	Borts	mafia@gmail.com	NULL	M	0		all		Beginner with no race history.	1
<input type="checkbox"/>	Edit Copy Delete	5000	Terry	Jones	tjones@gmail.com	NULL	M	7	none	family	Part-time racer	none	1



ABOUT FLX ADVENTURES ▾ EVENTS ▾ RANKINGS PHOTOS! RACER PROFILE Q

[REGISTER](#)

RECENT EVENTS:

- [St. Francis Trail Run](#)
- [Boar AR](#)
- [The Deviant Wolfe AR](#)

[Gift Certificates](#)

LOGIN

You are logged in as reaglin [click here to log out](#)

Results

Ron Eaglin
[View Racer Profile](#)

Yevgeniy Borts
[View Racer Profile](#)

Eugene Borts
[View Racer Profile](#)

Terry Jones
[View Racer Profile](#)

Ron Eaglin
[View Racer Profile](#)

Viewing Racer Profiles

The racer profile page (page-teammatefinder-profile-create.php) can show either the users Teammate Finder profile or the Teammate Finder profile of a different racer, depending on the URL being used. The URL's linked from the Teammate Finder search

results page contain the ID of each racer in the URL, which is how it knows which racer profile to display. If the URL is used without any racer ID added at the end of it, it will display the current users Teammate Finder profile. When viewing another racer's profile, the "Edit Profile" and "Deactivate Profile" buttons are no longer visible.

The screenshot shows a website interface with a dark theme. On the left, a sidebar contains a green 'REGISTER' button, social media icons for Facebook, Twitter, YouTube, and Instagram, a 'RECENT EVENTS:' section listing 'St. Francis Trail Run', 'Boar AR', and 'The Deviant Wolfe AR', a 'Gift Certificates' link, a 'LOGIN' section stating 'You are logged in as reaglin click here to log out', and a 'Contact Us!' link. The main content area has a black header with 'ABOUT FLD' and a white 'Results' section containing five entries: 'Ron Eaglin' with a 'View Racer Profile' link, 'Yevgeniy Borts' with a 'View Racer Profile' link, 'Eugene Borts' with a 'View Racer Profile' link, 'Bob Tester' with a 'View Racer Profile' link, and 'Bob Tester Jr.' with a 'View Racer Profile' link. The 'View Racer Profile' links are colored green.

RESULTS

Ron Eaglin
[View Racer Profile](#)

Yevgeniy Borts
[View Racer Profile](#)

Eugene Borts
[View Racer Profile](#)

Bob Tester
[View Racer Profile](#)

Bob Tester Jr.
[View Racer Profile](#)

localhost/project/page-teammatefinder-profile-create.php?page=2120

ABOUT FLX ADVENTURES ▾ EVENTS ▾ RANKINGS PHOTOS! RACER PROFILE 

FLX Teammate Finder

Racer Profile

Racer ID: 2120
 First Name: Bob
 Last Name: Tester Jr.
 Email Address: btesterjr@yahoo.com
 Years of Experience: 1
 Gender: M
 Race Preference: all

Racer Profile: Son of Bob Tester. New racer with one year of experience. Young, fit, ex-Marine with great stamina and strength. Winner of three endurance contests and a one-time participant of the World Sauna Championship in Finland.

Race History

Team History

N/A

You are logged in as reaglin
[click here to log out](#)

Contact Us!

Subscribe to our Newsletter

Admin Page

You are logged in as an administrator with full administrator privileges.



ABOUT FLX ADVENTURES ▾ EVENTS ▾ RANKINGS PHOTOS! RACER PROFILE 

RACER PROFILE

REGISTER

[!\[\]\(2aaf496ec9dc5cd7a03d320a4d358218_img.jpg\)](#) [!\[\]\(9515401b9c002ce6bc161cbb92032750_img.jpg\)](#) [!\[\]\(5cd7c2d80f9cd25d5bfc8456b9b4c284_img.jpg\)](#) [!\[\]\(6ee88c73eece1e375a6b3a80f5418682_img.jpg\)](#)

RECENT EVENTS:
 St. Francis Trail Run
 Boar AR
 The Deviant Wolfe AR

GIFT CERTIFICATES

LOGIN
 You are logged in as reaglin
[click here to log out](#)

CONTACT US!

SUBSCRIBE TO OUR NEWSLETTER

[!\[\]\(d25f0a2c7c38c10942e21c04b85a7ebc_img.jpg\) EDIT](#)

- [My Races](#)
- [My Teams](#)
- [My Race Credits](#)
- [My Personal Info](#)
- [Other Racers Profiles](#)
- [Teammate Finder Profile](#)
- [Register for a Race!](#)
- [Change Password](#)

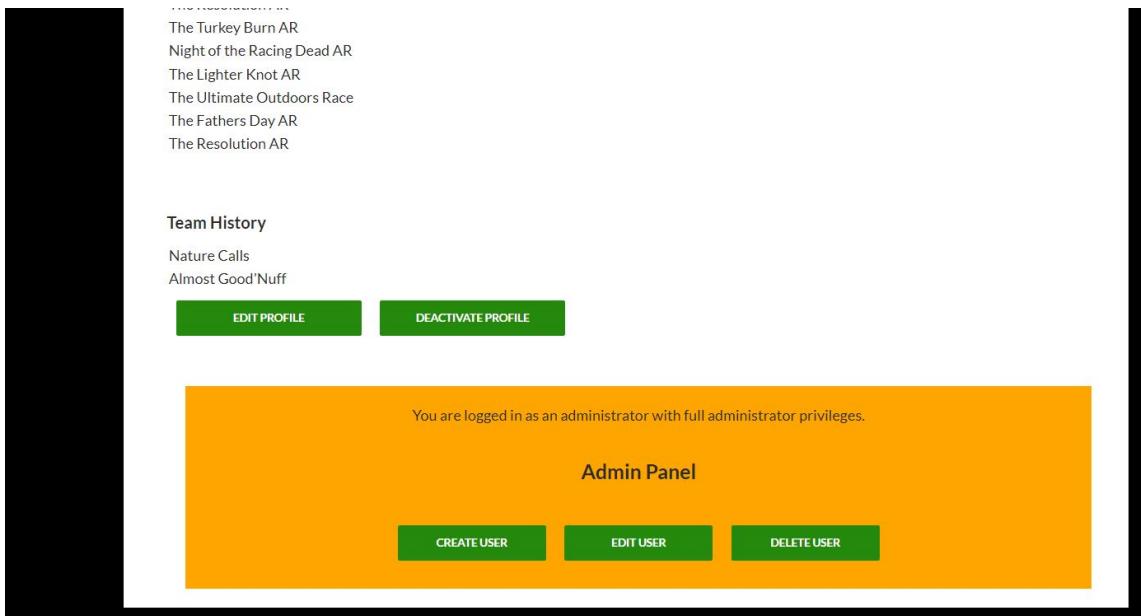
Tweets by @flxadventures    

FL Xtreme Adventure @flxadventures facebook.com/flxadventures/...
 Jan 21, 2020

FL Xtreme Adventure @flxadventures Just a few shots from today's Resolution AR. I'll have a few more to post later.
 Jan 18, 2020

FL Xtreme Adventure @flxadventures At Silver Lake Campground. Just finished setting out the last few controls for tomorrow's Resolution AR...
 Jan 17, 2020

localhost/project/page-teammatefinder-profile-create.php/



Page Structure

WordPress Pages

Teammate Finder - Create Profile (teammate-finder-create-profile)

Teammate Finder - Edit Profile (teammate-finder-edit-profile)

Teammate Finder - Search (teammate-finder-search)

Teammate Finder - Admin Page (teammate-finder-admin-page) **[Admin only]**

CRUD Test (No longer connected to the Teammate Finder system) **[Admin only]**

PHP Pages

Teammate Finder - Create Profile (page-teammatefinder.php)

Teammate Finder - Delete Profile (page-teammatefinder-delete.php) **[Admin only]**

Teammate Finder - View Profile (page-teammatefinder-profile-create.php)

Teammate Finder - Deactivate Profile (page-teammatefinder-profile-deactivate.php)

Teammate Finder - Search (page-teammatefinder-search.php)

Teammate Finder - Update Profile (page-teammatefinder-update.php)

Teammate Finder - Old View Profile Page used for early testing
(page-teammatefinder-read.php) (Outdated/Obsolete)

Page Relationships

Operation	WordPress UI Page	Linked PHP Page
Create Profile	teammate-finder-create-profile	Page-teammatefinder.php
Edit Profile	teammate-finder-edit-profile	page-teammatefinder-update.php
Delete Profile	teammate-finder-admin-page	page-teammatefinder-delete.php
Search For Teammates	teammate-finder-search	page-teammatefinder-search.php
View Profile	None (UI is coded in PHP page)	page-teammatefinder-profile-create.php
Deactivate Profile	None (UI is coded in page-teammatefinder-profile-cre ate.php)	page-teammatefinder-profile-deactivate.php

2. Final Code

Code: WordPress Pages

Teammate Finder - Create Profile (teammate-finder-create-profile)

```
<form action="/project/page-teammatefinder.php" method="post" name="form">
<p>Create Teammate Finder Profile</p>
<p><input name="first_name" required="" type="text" placeholder="First Name" /><br />
<input name="last_name" required="" type="text" placeholder="Last Name" /><br />
<input name="gender" required="" type="text" placeholder="Gender" /><br />
<input name="email_address" required="" type="text" placeholder="Email Address" /><br />
<input name="years_experience" required="" type="number" placeholder="Years of Experience" /><br />
<textarea style="margin-top: 5px; width: 200px; height: 80px;" name="racer_bio" required="" placeholder="Racer
Profile / Bio"></textarea></p>
<p><label for="race_preference">Preferred Race Types:</label><br />
```

```

<select id="race_preference" style="height: 100px; width: 200px;" multiple="multiple"
name="race_preference"><option value="all">All Race Types</option>
<option value="sprint">Sprint</option>
<option value="sport">Sport</option>
<option value="elite">Elite</option>
<option value="relay">Relay</option>
<option value="family">Family</option>
<option value="run-paddle">Run-Paddle</option>
<option value="obstacle">Obstacle Course</option></select></p><p>
<input name="show" type="submit" value="Create Profile" /></p>
</form>

```

Teammate Finder - Edit Profile (teammate-finder-edit-profile)

```

<h1>FLX Teammate Finder</h1>
<h3>Edit Racer Profile</h3>
<form action="/project/page-teammatefinder-update.php" method="post" name="form">
<input name="first_name" required="" type="text" placeholder="Enter First Name" /><br />
<input name="last_name" required="" type="text" placeholder="Enter Last Name" /><br />
<input name="email_address" required="" type="text" placeholder="Enter Email Address" /><br />
<input name="years_experience" required="" type="number" placeholder="Enter Years of Experience" /><br />
<input name="race_history" required="" type="text" placeholder="Prior Races" /><br />
<input name="prior_teams" required="" type="text" placeholder="Prior Teams" /><br />
<input name="racer_bio" required="" type="text" placeholder="Racer Info" /><br />
<input name="race_preference" required="" type="text" placeholder="Race Preference" /><br />
<input name="update" type="submit" value="Update" />
</form>

```

Teammate Finder - Search (teammate-finder-search)

```

<form action="/project/page-teammatefinder-search.php" method="post" name="form">
<p>Search for a teammate by</p>
<p><input name="first_name" type="text" placeholder="First Name" /><br />
<input name="last_name" type="text" placeholder="Last Name" /><br />
<input name="gender" type="text" placeholder="Gender" /><br />
<input name="years_experience" type="number" placeholder="Years of Experience" /><br />
<input name="prior_race" type="text" placeholder="Prior Race" /><br />
<input name="racer_bio" type="text" placeholder="Racer Bio/Characteristics" /><br />
<input name="prior_team" type="text" placeholder="Prior Team" /></p>
<p><label for="race_type">Race Type:</label><br />
<select id="race_type" name="race_type">
<option value="all">All Race Types</option>
<option value="sprint">Sprint</option>
<option value="sport">Sport</option>
<option value="elite">Elite</option>
<option value="relay">Relay</option>
<option value="family">Family</option>
<option value="run-paddle">Run-Paddle</option>
<option value="obstacle">Obstacle Course</option></select></p></p>
<p><input name="show" type="submit" value="Show Racers" /></p>
</form>

```

Teammate Finder - Admin Page (teammate-finder-admin-page)

```
<h2>FLX Teammate Finder</h2>
<h4>Administrator Control Panel</h4>
<p> </p><p>Create</p>
<form action="/project/page-teammatefinder.php" method="post" name="form">
<input name="racer_id" required="" type="number" placeholder="Enter Racer ID" /><br />
<input name="first_name" required="" type="text" placeholder="Enter First Name" /><br />
<input name="last_name" required="" type="text" placeholder="Enter Last Name" /><br />
<input name="email_address" required="" type="text" placeholder="Enter Email Address" /><br />
<input name="years_experience" required="" type="number" placeholder="Enter Years of Experience" /><br />
<input name="racer_bio" required="" type="text" placeholder="Racer Info" /><br />
<input name="race_preference" required="" type="text" placeholder="Race Preference" /><br />
<input name="submit" type="submit" value="Submit" /></form><p> </p><p>Read</p><form
action="/project/page-teammatefinder-search.php" method="post" name="form"><p>
<input name="show" type="submit" value="Show Racers" /></p><p> </p><p>Update</p>
</form>
<form action="/project/page-teammatefinder-update.php" method="post" name="form">
<input name="racer_id" required="" type="number" placeholder="Enter Racer ID" /><br />
<input name="first_name" required="" type="text" placeholder="Enter First Name" /><br />
<input name="last_name" required="" type="text" placeholder="Enter Last Name" /><br />
<input name="email_address" required="" type="text" placeholder="Enter Email Address" /><br />
<input name="years_experience" required="" type="number" placeholder="Enter Years of Experience" /><br />
/><input name="race_history" required="" type="text" placeholder="Prior Races" /><br />
<input name="prior_teams" required="" type="text" placeholder="Prior Teams" /><br />
<input name="racer_bio" required="" type="text" placeholder="Racer Info" /><br />
<input name="race_preference" required="" type="text" placeholder="Race Preference" /><br />
<input name="active" required="" type="number" placeholder="Active" /><br />
<input name="update" type="submit" value="Update" /></form><p> </p>
<p>Delete</p>
<form action="/project/page-teammatefinder-delete.php" method="post" name="form">
<input name="racer_id" required="" type="number" placeholder="Enter Racer ID" /><br />
<input name="delete" type="submit" value="Delete" />
</form>
```

Final Code: PHP Pages

There is one naming issue among the PHP files which should be noted. The page containing the code to create a profile is called page-teammatefinder.php, while the page containing the code to view the profile and view profile options is called page-teammatefinder-create.php. This naming error may cause some confusion if not taken into account.

Profile Create Page (page-teammatefinder.php)

```

<?php

$location = $_SERVER['DOCUMENT_ROOT'];

include($location . '/project/wp-config.php');
include($location . '/project/wp-load.php');
include($location . '/project/wp-includes/pluggable.php');

global $wpdb;

if (is_user_logged_in()) {
    if (in_array("administrator", $user->roles)) {
        $uid = sanitize_text_field($_POST['racer_id']);
    } else {
        $uid = get_current_user_id();
    }

    $racer_id = $uid;
    $first_name = sanitize_text_field($_POST['first_name']);
    $last_name = sanitize_text_field($_POST['last_name']);
    $gender = sanitize_text_field($_POST['gender']);
    $email_address = sanitize_text_field($_POST['email_address']);
    $years_experience = sanitize_text_field($_POST['years_experience']);
    $race_preference = sanitize_text_field($_POST['race_preference']);
    $racer_bio = sanitize_text_field($_POST['racer_bio']);

    $racer_id = get_flx_racer_id();

    $races_racer_id = urldecode($wp_query->query_vars['racerid']);

    // set races_racer_id
    if (empty($races_racer_id)) {
        $races_racer_id = $racer_id;
    }

    $teams = $wpdb->get_results("
        select t.team_id
            ,t.team_name
        from flx_teams t
            ,flx_team_registrations tr
            ,flx_team_registration_racers trr
            ,flx_racers r
        where t.team_id = tr.team_id
            and trr.team_registration_id = tr.team_registration_id
            and r.racer_id = trr.racer_id
            and r.racer_id = " . $racer_id . "
        group by t.team_id
            ,t.team_name;
    ");

    $races = $wpdb->get_results("
        select ra.race_id
            ,ra.race_name
            ,rt.race_type
            ,ra.race_date
            ,ra.race_webpage_slug
            ,tr.team_registration_id
    ");
}

```

```

,t.team_name
from flx_races ra
,flx_race_types rt
,flx_team_registrations tr
,flx_team_registration_racers trr
,flx_teams t
where ra.race_id = tr.race_id
and rt.race_type_id = tr.race_type_id
and t.team_id = tr.team_id
and tr.team_registration_id = trr.team_registration_id
and trr.racer_id = " . $races_racer_id . "
group by ra.race_id
,ra.race_name
,rt.race_type
,ra.race_date
,t.team_name
UNION
select ra.race_id
,ra.race_name
,rt.race_type
,ra.race_date
,ra.race_webpage_slug
,tr.team_registration_id
,t.team_name
from flx_races ra
,flx_race_types rt
,flx_team_registrations tr
,flx_teams t
where ra.race_id = tr.race_id
and rt.race_type_id = tr.race_type_id
and t.team_id = tr.team_id
and tr.created_by = " . $races_racer_id . "
group by ra.race_id
,ra.race_name
,rt.race_type
,ra.race_date
,t.team_name
order by 4 desc
");
$r = "";
foreach ($races as $race) {
    $r .= "$race->race_name, ";
}
$t = "";
foreach ($teams as $team) {
    $t .= "$team->team_name, ";
}
$wpdb->insert('flx_teammate_finder'
, array('racer_id' => $uid
, 'first_name' => $first_name
, 'last_name' => $last_name
, 'email_address' => $email_address
, 'gender' => $gender
, 'years_experience' => $years_experience
, 'race_history' => $r

```

```

        , 'prior_teams' => $t
        , 'race_preference' => $race_preference
        , 'racer_bio' => $racer_bio
    )
)
);
}
else {
    echo "<br />You are not logged in. Please log in to use this feature.";
}

wp_redirect( site_url().'/page-teammatefinder-profile-create.php'); exit;

?>

```

PHP Profile Update Page (page-teammatefinder-update.php)

```

<?php

$location = $_SERVER['DOCUMENT_ROOT'];

include($location . '/project/wp-config.php');
include($location . '/project/wp-load.php');
include($location . '/project/wp-includes/pluggable.php');

global $wpdb;

$racer_id      = sanitize_text_field($_POST['racer_id']);
$first_name     = sanitize_text_field($_POST['first_name']);
$last_name      = sanitize_text_field($_POST['last_name']);
$email_address  = sanitize_text_field($_POST['email_address']);
$years_experience = sanitize_text_field($_POST['years_experience']);
$race_history   = sanitize_text_field($_POST['race_history']);
$prior_teams   = sanitize_text_field($_POST['prior_teams']);
$racer_bio       = sanitize_text_field($_POST['racer_bio']);
$race_preference = sanitize_text_field($_POST['race_preference']);
$active          = sanitize_text_field($_POST['active']);

if (is_user_logged_in()) {
    $uid = get_current_user_id();
    $user = wp_get_current_user();
    if (in_array("administrator", $user->roles)) {
        $wpdb->update('flx_teammate_finder'
            , array('racer_id' => $uid
                    , 'first_name' => $first_name
                    , 'last_name' => $last_name
                    , 'email_address' => $email_address
                    , 'years_experience' => $years_experience
                    , 'race_history' => $race_history
                    , 'prior_teams' => $prior_teams
                    , 'racer_bio' => $racer_bio
                    , 'race_preference' => $race_preference
                    , 'active' => $active
                )
            , array('racer_id' => $racer_id
        );
    }
}

```

```

        )
    );
    wp_redirect( site_url().'/page-teammatefinder-read.php' . $raceid . '/'); exit;
}

else if ($racer_id == $uid) {
    $wpdb->update('flx_teammate_finder'
        , array('racer_id' => $uid
            , 'first_name' => $first_name
            , 'last_name' => $last_name
            , 'email_address' => $email_address
            , 'years_experience' => $years_experience
        )
        , array('racer_id' => $racer_id
        )
    );
    wp_redirect( site_url().'/page-teammatefinder-read.php' . $racer_id . "/"); exit;
}

else {
    echo "You do not have sufficient privileges.";
}
}

?>

```

Teammate Finder Delete Profile Page (page-teammatefinder-delete.php) [Admin Only]

```

<?php

$location = $_SERVER['DOCUMENT_ROOT'];

include($location . '/project/wp-config.php');
include($location . '/project/wp-load.php');
include($location . '/project/wp-includes/pluggable.php');

global $wpdb;

$racer_id = sanitize_text_field($_POST['racer_id']);

if (is_user_logged_in()) {
    $uid = get_current_user_id();
    $user = wp_get_current_user();
    if (in_array("administrator", $user->roles)) {
        $wpdb->delete('flx_teammate_finder'
            , array('racer_id' => $uid
            )
        );
        wp_redirect( site_url().'/page-teammatefinder-read.php' . $raceid . '/'); exit;
    }
    else if ($racer_id == $uid) {
        $wpdb->delete('flx_teammate_finder'
            , array('racer_id' => $uid

```

```

        )
    );
    wp_redirect( site_url().'/page-teammatefinder-read.php' . $racer_id . '/');
    exit;
}
else {
    echo "<p>You do not have sufficient privileges to perform this action.</p>";
}
else {
    echo "<p>You do not have sufficient privileges to perform this action.</p>";
}
?>

```

Teammate Finder Deactivate/Activate Profile Page (page-teammatefinder-profile-deactivate.php)

```

<?php

$location = $_SERVER['DOCUMENT_ROOT'];

include($location . '/project/wp-config.php');
include($location . '/project/wp-load.php');
include($location . '/project/wp-includes/pluggable.php');

global $wpdb;

$uid = get_current_user_id();

$results = $wpdb->get_results("
    select active
    from flx_teammate_finder WHERE racer_id = $uid
");

foreach ($results as $result) {
    if ($result->active > 0) {
        $wpdb->update('flx_teammate_finder'
            , array('active' => 0
            )
            , array('racer_id' => $uid
            ));
    } elseif ($result->active < 1) {
        $wpdb->update('flx_teammate_finder'
            , array('active' => 1
            )
            , array('racer_id' => $uid
            ));
    }
}

wp_redirect( site_url().'/page-teammatefinder-profile-create.php' . $racer_id . '/');
exit;

```

Teammate Finder Profile Management Page (page-teammatefinder-profile-create.php)

```
<?php

$location = $_SERVER['DOCUMENT_ROOT'];

include($location . '/project/wp-config.php');
include($location . '/project/wp-load.php');
include($location . '/project/wp-includes/pluggable.php');

global $wpdb;

get_header();
?>

<style>

.site-content .entry-header,
.site-content .entry-content,
.site-content .entry-summary,
.site-content .entry-meta,
.page-content,
.hentry,
.entry-content {
    max-width: 1260px !important;
}

.site-content {
    margin-right:20px; !important;
}

</style>

<?php
// Start the Loop.
while ( have_posts() ) : the_post();
// Include the page content template.
get_template_part( 'content', 'page' );
// If comments are open or we have at least one comment, load up the comment template.
if ( comments_open() || get_comments_number() ) {
    comments_template();
}
endwhile;
?>

<div id="main-content" class="main-content">
    <div id="content" class="site-content" role="main">
<?php

// Login check
if (is_user_logged_in()) {
    $page = $_GET['page'];
    if ($page == null) {
        $uid = get_current_user_id();
    }
    else {
```

```

    $uid = $page;
}

$user = wp_get_current_user();
$racerid = get_current_user_id();
$ufo = get_userdata($uid);
$username = $ufo->user_login;
$first_name = $ufo->first_name;
$last_name = $ufo->last_name;
$profilecheck = $wpdb->query("SELECT racer_id FROM flx_teammate_finder WHERE racer_id='$racerid'");
if ($profilecheck < 1){
    echo "<br />You do not have a Teammate Finder profile. Please click the button below to create one.";
    echo "<a href='http://localhost/project/teammate-finder-create-profile/'>
        <br /><div class='button' style='width: 100px; display: inline-block; margin: 10px;'>Create Profile</div></a>";
}
// Get results
$results = $wpdb->get_results(
    select racer_id
        ,first_name
        ,last_name
        ,email_address
        ,years_experience
        ,gender
        ,race_history
        ,race_preference
        ,prior_teams
        ,racer_bio
        ,active
    from flx_teammate_finder WHERE racer_id = $uid
);

$racer_id = get_flx_racer_id();

// Output each result
foreach ( $results as $result )
{
    echo '<h1>FLX Teammate Finder: Racer Profile</h1><h3>Racer: '.$ufo->user_login.'</h3><p>';
    echo '<option value="'.$.result->racer_id.'">
        Racer ID: '.$result->racer_id.'</option>
    <option value="'.$.result->racer_id.'">First Name: '.$result->first_name.'</option>
    <option value="'.$.result->racer_id.'">Last Name: '.$result->last_name.'</option>
    <option value="'.$.result->racer_id.'">Email Address: '.$result->email_address.'</option>
    <option value="'.$.result->racer_id.'">Years of Experience: '.$result->years_experience.'</option>
    <option value="'.$.result->racer_id.'">Gender: '.$result->gender.'</option>
    <option value="'.$.result->racer_id.'">Race Preference: '.$result->race_preference.'</option>
    <div class="column" style="max-height: 800px; max-width: 80%; overflow-y: scroll; text-wrap: normal;">
        <h5>Profile Summary:</h5> '.$result->racer_bio.'
    </div>';
    echo '
        <h5>Race History:</h5> '.$result->race_history.'
        <br /><br /><h5>Team History:</h5> '.$result->prior_teams.'
    </div><br /><br />';
    // User Control Panel
    if ($uid == $racerid) {
        echo "<a href='http://localhost/project/teammate-finder-edit-profile/'><div class='button'
            style='width: 140px; display: inline-block; margin: 10px; text-align: center;'>Edit Profile</div></a>";

        if ($result->active > 0) {
            echo "<a href='/project/page-teammatefinder-profile-deactivate.php'><div class='button' style='width: 140px;

```

```

        display: inline-block; margin: 10px; text-align: center;'>Deactivate Profile</div></a>";
    }
} elseif ($result->active < 1) {
    echo "<a href='/project/page-teammatefinder-profile-deactivate.php'><div class='button'
    style='width: 140px; display: inline-block; margin: 10px; text-align: center;'>Activate Profile</div></a>";
}
}
echo '<br />';
}
// Role check
if (in_array("administrator", $user->roles)) {
    echo "<br /><div class='container' style='text-align: center; margin: 20px; padding: 20px;
    background: orange;'>You are logged in as an administrator with full administrator privileges. <br />";
    // Admin control panel
    echo "<h3>Admin Panel</h3>";
    echo "<br /><a href='http://localhost/project/teammate-finder-admin-page/'>
<div class='button' style='width: 100px; display: inline-block; margin: 10px;'>Create User</div>";
    echo "<div class='button' style='width: 100px; display: inline-block; margin: 10px;'>Edit User</div>";
    echo "<div class='button' style='width: 100px; display: inline-block; margin: 10px;'>Delete User</div></a>
</div>";
}
else {
    echo "<br /><p style='margin-left: 15vw;'>You are logged in as a racer with standard user privileges.</p>";
}
}
else {
    echo "<br />You are not logged in. Please log in to view this page.";
}
}
?>
    </div>

    </div>

<?php
get_sidebar();
get_footer();

```

3. Final Results

The final results of the code can be viewed in the snapshots below.

The screenshot shows the FLX Adventures website. At the top, there's a banner with the letters 'FLX' in large green letters against a background of a sunset or sunrise over water. Below the banner is a dark navigation bar with links for 'ABOUT FLX ADVENTURES', 'EVENTS', 'RANKINGS', 'PHOTOS', 'RACER PROFILE', and a search icon. On the left side, there's a sidebar with a 'REGISTER' button and social media icons for Facebook, Twitter, YouTube, and Instagram. Below that are sections for 'RECENT EVENTS', 'Gift Certificates', 'LOGIN' (showing 'You are logged in as reagin click here to log out'), and a 'Subscribe to our Newsletter' link. The main content area is titled 'RACER PROFILE' and contains two columns of links:

Left Column	Right Column
<ul style="list-style-type: none">My RacesMy TeamsMy Race CreditsMy Personal Info	<ul style="list-style-type: none">Register for a Race!Change Password
	<ul style="list-style-type: none">Other Racers ProfilesTeammate Finder ProfileSearch for Teammates

Below the links is an 'EDIT' button. To the right, there's a 'Tweets' section from the @flxadventures Twitter account, showing three tweets with profile pictures, names, and dates:

- Jan 21, 2020 - FL Xtreme Adventure (@flxadventures) posted: Just a few shots from today's Resolution AR. I'll have a few more to post later.
- Jan 18, 2020 - FL Xtreme Adventure (@flxadventures) posted: At Silver Lake Campground. Just finished setting out the last few controls for tomorrow's Resolution AR...
- Jan 17, 2020 - FL Xtreme Adventure (@flxadventures) posted: ...

Rules, Gear, Waiver

Please click to read the [Event Rules](#).

Please click to read the [Mandatory Gear](#).

Please print and fill out the [FLX Race Waiver](#) (one per racer) and bring on race day, this will greatly speed up the check-in process.

Looking for a Team?

If you are looking for a team to join, or looking to find some teammates, please feel free to post a message on the [Florida Adventure Racing Facebook page](#) or use the Teammate Finder feature below.

[HELP ME FIND A TEAM](#)



ABOUT FLX ADVENTURES ▾ EVENTS ▾ RANKINGS PHOTOS! RACER PROFILE SEARCH

REGISTER

f t y i

RECENT EVENTS:

St. Francis Trail Run
Boar AR
The Deviant Wolfe AR

Gift Certificates

LOGIN

You are logged in as reaglin
[click here to log out](#)

Contact Us!

FLX Teammate Finder: Racer Profile

Racer: reaglin

Racer ID: 1
First Name: Ron
Last Name: Eaglin
Email Address: rr@aol.com
Years of Experience: 25
Gender: M
Race Preference: all

Profile Summary:
Top racer

Race History:
The Resolution AR, The Turkey Burn Trail Run, The Turkey Burn AR, Inverted Armadillo AR, The Call of Nature AR, Rock Springs State Reserve Trail Run, The Fathers Day AR, Navi-Gator Florida Rogaine Championship, The Resolution AR, The Turkey Burn AR, Nocturnal Challenge, The Fathers Day AR, The Sea to Sea AR, Heartbreaker AR, The Resolution AR, The Turkey Burn AR, The Call of Nature AR, The Lighter Knot AR, The Earth Day AR



ABOUT FLX ADVENTURES ▾ **EVENTS ▾** **RANKINGS** **PHOTOS!** **RACER PROFILE** **SEARCH**

REGISTER

RECENT EVENTS:
St. Francis Trail Run
Boar AR
The Deviant Wolfe AR

GIFT CERTIFICATES

LOGIN
You are logged in as reaglin
[click here to log out](#)

Contact Us!

FLX Teammate Finder: Racer Profile

Racer: reaglin

Racer ID: 1
First Name: Ron
Last Name: Eaglin
Email Address: rr@aol.com
Years of Experience: 25
Gender: M
Race Preference: all

Profile Summary:

Top racer

Race History:

The Resolution AR, The Turkey Burn Trail Run, The Turkey Burn AR, Inverted Armadillo AR, The Call of Nature AR, Rock Springs State Reserve Trail Run, The Fathers Day AR, Navi-Gator Florida Rogaine Championship, The Resolution AR, The Turkey Burn AR, Nocturnal Challenge, The Fathers Day AR, The Sea to Sea AR, Heartbreaker AR, The Resolution AR, The Turkey Burn AR, The Call of Nature AR, The Lighter Knot AR, The Earth Day AR

ABOUT FLX ADVENTURES ▾ **EVENTS ▾** **RANKINGS** **PHOTOS!** **RACER PROFILE** **SEARCH**

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Admin Page

RESOLUTION AR, THE TURKEY BURN AR, NOCTURNAL CHALLENGE, THE FATHERS DAY AR, THE SEA TO SEA AR, HEARTBREAKER AR, THE RESOLUTION AR, THE TURKEY BURN AR, THE CALL OF NATURE AR, THE LIGHTER KNOT AR, THE EARTH DAY AR, HONTOON RUNABOUT, HONTOON RUNABOUT, HEARTBREAKER AR, THE RESOLUTION AR, THE TURKEY BURN AR, THE LIGHTER KNOT AR, THE BEAR AR, THE ULTIMATE OUTDOORS RACE, ADVENTURE BIKE (SANTOS), THE FATHERS DAY AR, THE BLUE RIDGE AR, ADVENTURE RUN (LBE), THE EARTH DAY AR, FLX/SUNCOAST ORIENTEERING CHALLENGE, ADVENTURE RUN (F.A.M.), THE RESOLUTION AR, THE TURKEY BURN AR, NIGHT OF THE RACING DEAD AR, THE LIGHTER KNOT AR, THE ULTIMATE OUTDOORS RACE, THE FATHERS DAY AR, THE RESOLUTION AR,

Team History:

Nature Calls, Tequila on Tuesday, Good'Nuff, Off in the Woods, Florida Xtreme, Lost Cause, Off the Couch, BOOMSHAKALAKA! This ain't no crossfit, Often Wonder, Ron Eaglin, Chub Solo, Mustang Ron and the Hamjoes, Mojitos on Monday - Sausage Edition, Almost Good'Nuff, Control'd KAOS, Bueller Bueller,

EDIT PROFILE **DEACTIVATE PROFILE**

You are logged in as an administrator with full administrator privileges.

Admin Panel

CREATE USER **EDIT USER** **DELETE USER**

The screenshot shows the FLX Adventures website. At the top is a large banner with the letters "FLX" in green and yellow. Below the banner is a black navigation bar with links: ABOUT FLXADVENTURES, EVENTS, RANKINGS, PHOTOS, RACER PROFILE, and a search icon.

The main content area has a white background. On the left, there's a sidebar with social media icons (Facebook, Twitter, YouTube, Instagram) and sections for RECENT EVENTS (St. Francis Trail Run, Boar AR, The Deviant Wolfe AR), GIFT CERTIFICATES, LOGIN (logged in as reaglin, click here to log out), CONTACT US!, and SUBSCRIBE TO OUR NEWSLETTER.

The central part of the page is titled "TEAMMATE FINDER - EDIT PROFILE". Below it is the heading "FLX Teammate Finder".

A form titled "Edit Racer Profile" is displayed, containing fields for Enter First Name, Enter Last Name, Enter Email Address, Enter Years of Experience, Prior Races, Prior Teams, Racer Info, and Race Preference. A green "UPDATE" button is at the bottom of the form.

On the right side, there is a "Tweets" section from the @ftxadventures Twitter account, showing three tweets from January 2020:

- Jan 21, 2020: Just a few shots from today's Resolution AR. I'll have a few more to post later.
- Jan 18, 2020: At Silver Lake Campground. Just finished setting out the last few controls for tomorrow's Resolution AR...
- Jan 17, 2020: At Silver Lake Campground. Just finished setting out the last few controls for tomorrow's Resolution AR...

This screenshot shows the same FLX Adventures website, but the main content area is titled "TEAMMATE FINDER ADMIN PAGE".

The sidebar on the left remains the same, featuring the "REGISTER" button, social media icons, RECENT EVENTS, GIFT CERTIFICATES, LOGIN, CONTACT US!, and SUBSCRIBE TO OUR NEWSLETTER.

The central part of the page is titled "FLX Teammate Finder" and "Administrator Control Panel".

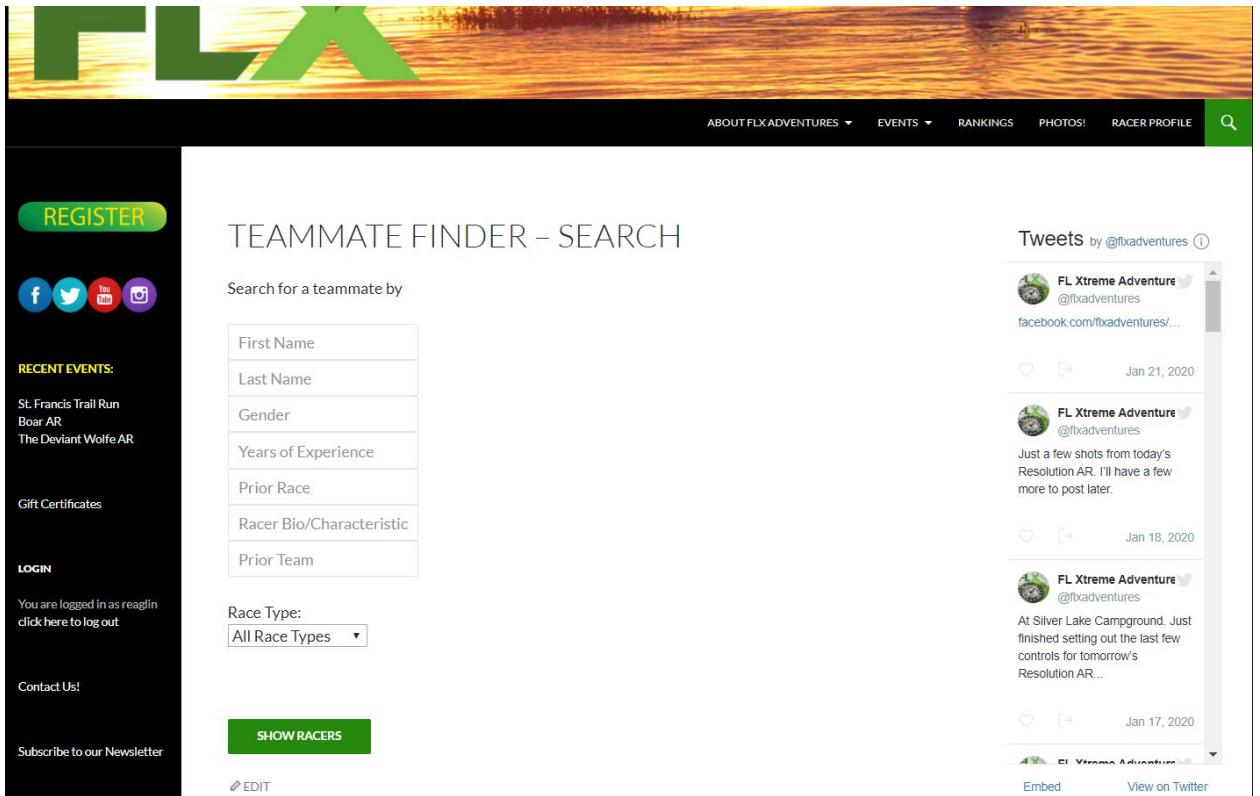
Under "Administrator Control Panel", there are two sections: "Create" and "Read".

The "Create" section contains a form with fields for Enter Racer ID, Enter First Name, Enter Last Name, Enter Email Address, Enter Years of Experience, Racer Info, and Race Preference. A green "SUBMIT" button is at the bottom of this form.

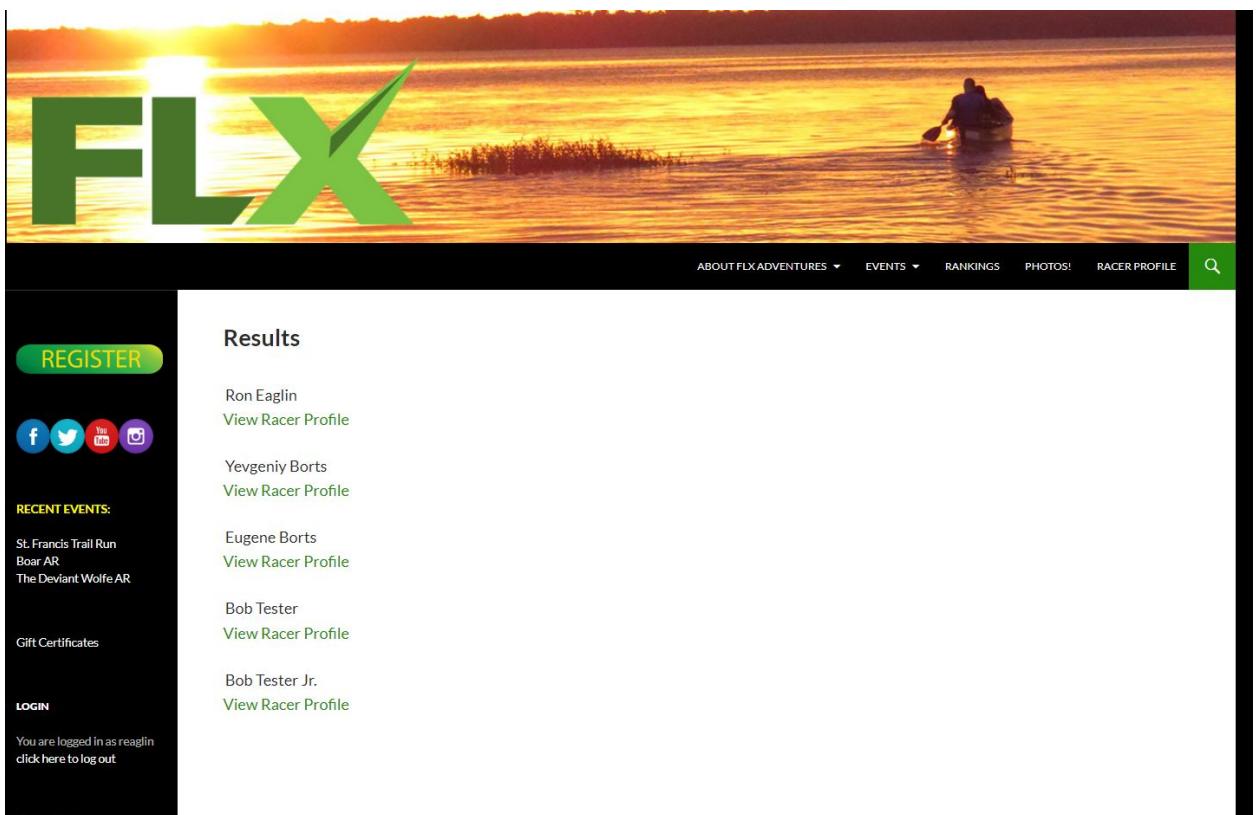
The "Read" section contains a green "SHOW RACERS" button.

On the right side, there is a "Tweets" section from the @ftxadventures Twitter account, showing three tweets from January 2020:

- Jan 21, 2020: Just a few shots from today's Resolution AR. I'll have a few more to post later.
- Jan 18, 2020: At Silver Lake Campground. Just finished setting out the last few controls for tomorrow's Resolution AR...
- Jan 17, 2020: At Silver Lake Campground. Just finished setting out the last few controls for tomorrow's Resolution AR...



The screenshot shows the FLX Adventures website's Teammate Finder search interface. At the top, there's a large green 'FLX' logo with a yellow sunset background. The navigation bar includes links for 'ABOUT FLX ADVENTURES', 'EVENTS', 'RANKINGS', 'PHOTOS!', 'RACER PROFILE', and a search icon. On the left sidebar, there are buttons for 'REGISTER', social media links (Facebook, Twitter, YouTube, Instagram), 'RECENT EVENTS' (St. Francis Trail Run, Boar AR, The Deviant Wolfe AR), 'Gift Certificates', 'LOGIN' (logged in as reaglin, with a link to log out), 'Contact Us!', and 'Subscribe to our Newsletter'. The main content area has a heading 'TEAMMATE FINDER – SEARCH' and a sub-heading 'Search for a teammate by'. It features several input fields: 'First Name', 'Last Name', 'Gender', 'Years of Experience', 'Prior Race', 'Racer Bio/Characteristic', and 'Prior Team'. Below these is a dropdown menu for 'Race Type' set to 'All Race Types'. A 'SHOW RACERS' button is at the bottom of the search form, along with an 'EDIT' link. To the right, a 'Tweets' section from the @flxadventures Twitter account shows three recent posts with small images, likes, and retweet counts.

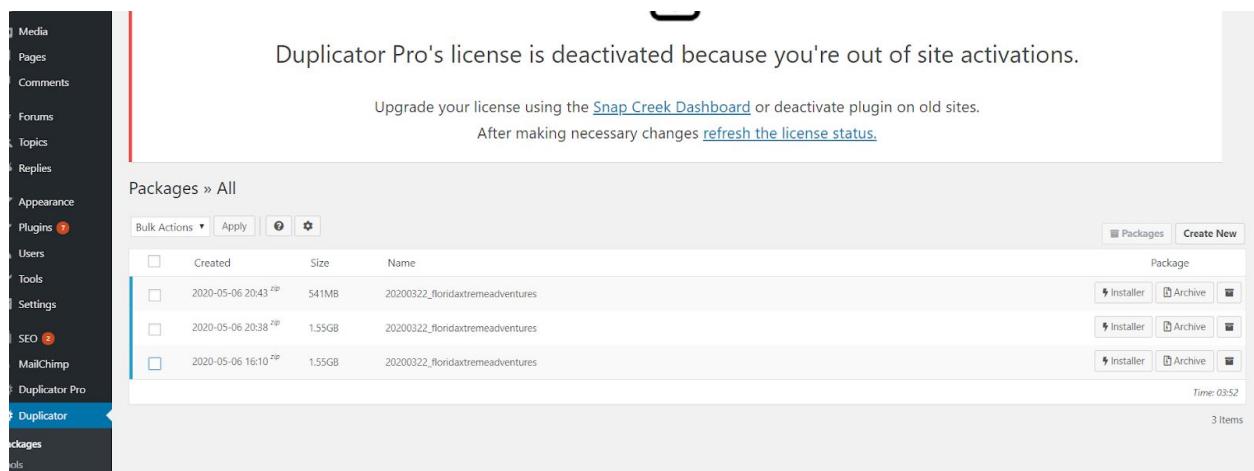


The screenshot shows the FLX Adventures website's results page. The top features the same green 'FLX' logo with a sunset background and the navigation bar. The left sidebar includes 'REGISTER', social media links, 'RECENT EVENTS' (St. Francis Trail Run, Boar AR, The Deviant Wolfe AR), 'Gift Certificates', 'LOGIN' (logged in as reaglin, with a link to log out), and a 'Results' section. The 'Results' section lists five racers with their names and 'View Racer Profile' links: Ron Eaglin, Yevgeniy Borts, Eugene Borts, Bob Tester, and Bob Tester Jr. The rest of the page is blank white space.

4. Deployment

The deployment of the FLX Teammate Finder is performed through the use of Duplicator in WordPress. An archive and installer are created by the Duplicator plugin, which is then uploaded to the web host at <http://flxclone.windermereroadies.com/> via FTP through [ftp.windermereroadies.com](ftp://windermereroadies.com) [[ftp.windermereroadies.com](ftp://windermereroadies.com)].

The final deployed project may be viewed at <http://flxclone.windermereroadies.com/>



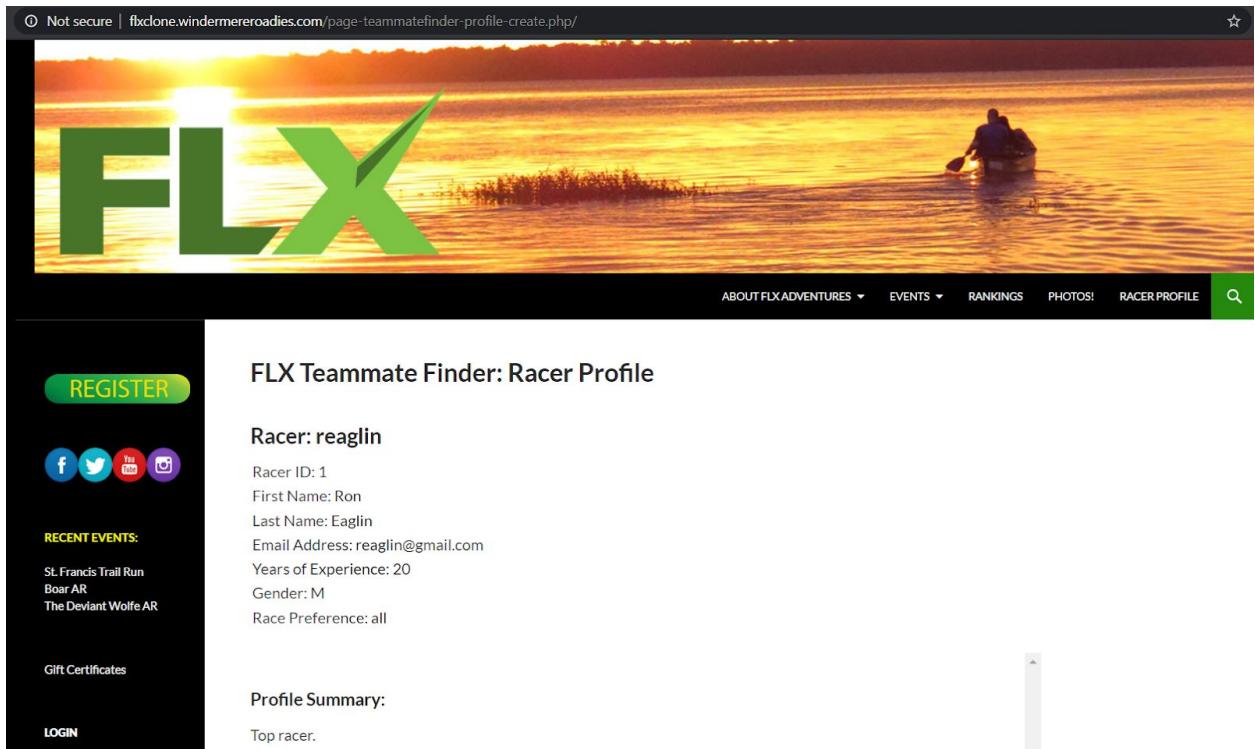
A screenshot of the Duplicator Pro plugin interface in a WordPress admin dashboard. The left sidebar shows standard WordPress menu items like Media, Pages, Comments, etc., followed by a 'Duplicator Pro' section containing 'Duplicator', 'Packages', and 'Tools'. The main content area has a header message: 'Duplicator Pro's license is deactivated because you're out of site activations.' It includes instructions to 'Upgrade your license using the [Snap Creek Dashboard](#) or deactivate plugin on old sites.' Below this is a table titled 'Packages » All' showing three recent packages:

	Created	Size	Name	Package
<input type="checkbox"/>	2020-05-06 20:43 ^{ZIP}	541MB	20200322_floridaxtremeadventures	Installer Archive Edit
<input type="checkbox"/>	2020-05-06 20:38 ^{ZIP}	1.55GB	20200322_floridaxtremeadventures	Installer Archive Edit
<input type="checkbox"/>	2020-05-06 16:10 ^{ZIP}	1.55GB	20200322_floridaxtremeadventures	Installer Archive Edit

At the bottom right of the table, it says 'Time: 03:52' and '3 Items'.

Deployment Complete

Deployment has been completed and additional bug fixes have been made. The Teammate Finder is now live at <http://flxclone.windermereroadies.com/>



I. Git Commit Log

00000000000000000000000000000000
f21d6d4b8677859c21bd641080da2cdc8fdefe2d Eugene Borts
<eugene_borts@daytonastate.edu> 1583541523 -0500

commit (initial): Initializing

f21d6d4b8677859c21bd641080da2cdc8fdefe2d 6c9aef81af8e826a383816d3f848826b28eb9cf1
Eugene Borts <eugene_borts@daytonastate.edu> 1584397253 -0400

commit: Added a test button labelled "Help Me Find a Team" on the Boar AR 2020 page.

6c9aef81af8e826a383816d3f848826b28eb9cf1 d3c009af80831d6441baa94ed5b74326580e8e93
Eugene Borts <eugene_borts@daytonastate.edu> 1584407494 -0400

commit: Added a test page to test database connection in preparation for CRUD page creation.

d3c009af80831d6441baa94ed5b74326580e8e93 5f9f4cb3a7286621b7c1d9ff17e9a550b4e605ad
Eugene Borts <eugene_borts@daytonastate.edu> 1584407927 -0400

commit: Successfully created a php page to insert row of data into the fix_teammate_finder table in the MySQL database.

5f9f4cb3a7286621b7c1d9ff17e9a550b4e605ad aae40e86d2160690dc34e3f65574bc979f20f8df
Eugene Borts <eugene_borts@daytonastate.edu> 1584755184 -0400

**commit: Created page-teammatefinder.php to begin working on CRUD implementation.
Designated page-teammatefinder.php as create page to insert data into SQL table.
Finished create page. Successfully tested create page. Created
page-teammatefinder-read.php.**

aae40e86d2160690dc34e3f65574bc979f20f8df 6cef5ec89ea0aec310a03652b3a6da7c0f138f69
Eugene Borts <eugene_borts@daytonastate.edu> 1584824252 -0400

**commit: Completed page-teammatefinder-read.php and successfully tested read
functionality.**

6cef5ec89ea0aec310a03652b3a6da7c0f138f69 d7017678367d409ecd7fb321f878cbc468d492f8
Eugene Borts <eugene_borts@daytonastate.edu> 1584827231 -0400

**commit: Linked "Help Me Find A Team" button on Boar AR 2020 page to CRUD Test page.
Created page-teammatefinder-update.php used to process the update portion of the CRUD
Test page and display the new results.**

d7017678367d409ecd7fb321f878cbc468d492f8
b78663eb947070f32bd28c4ee03ba91151e2e876 Eugene Borts
<eugene_borts@daytonastate.edu> 1584841259 -0400

**commit: Completed and successfully tested page-teammatefinder-update.php. Completed
all front-end code on the CRUD Test page. Added redirect to
page-teammatefinder-read.php to display tables after update is completed.**

b78663eb947070f32bd28c4ee03ba91151e2e876
b982132e91870e8c006f83ac891694be9161424e Eugene Borts
<eugene_borts@daytonastate.edu> 1584841960 -0400

**commit: Completed and successfully tested page-teammatefinder-delete.php. Added
redirect to page-teammatefinder-read.php to display tables after delete is completed.**

b982132e91870e8c006f83ac891694be9161424e
c7c5e87753559089d470a1f734f38b9c7bb2314c Eugene Borts
<eugene_borts@daytonastate.edu> 1584842766 -0400

**commit: Added redirect to page-teammatefinder.php to display tables after row creation is
completed.**

c7c5e87753559089d470a1f734f38b9c7bb2314c cc29a8debbf177055bdafb07f11af0f5a6c25abb
YevgeniyB <mafila@gmail.com> 1587083985 -0400

commit: Updated page-teammatefinder-read.php to include WordPress template. Created new pages page-teammatefinder-profile-create.php and page-teammatefinder-search.php. Created a login check and an output for displaying user info to page-teammatefinder-profile-create.php.

cc29a8debbf177055bdafb07f11af0f5a6c25abb 5ccecbc557348106f7fc278fb091af8977847e4e
YevgeniyB <mafila@gmail.com> 1587780100 -0400

commit: Created Racer Profile page and administrator panel for page-teammatefinder-profile-create.php. Added security layer to page-teammatefinder-profile-create.php, page-teammatefinder-delete.php, and page-teammatefinder-update.php.

5ccecbc557348106f7fc278fb091af8977847e4e 8b24eb901cb7e548c102e97bdf77fab5cd9eee97
YevgeniyB <mafila@gmail.com> 1588017203 -0400

commit: Added PHPUnit testing capabilities.

8b24eb901cb7e548c102e97bdf77fab5cd9eee97 19cba889b109187c7944f085319058c07ef7f8d2
YevgeniyB <mafila@gmail.com> 1588132732 -0400

commit: Updated all teammate finder pages. Updated page-teammatefinder.php to create a racer profile based on the ID of the user currently logged in and redirect to the users profile management page. Updated profile management page to display full profile.

19cba889b109187c7944f085319058c07ef7f8d2 898feafdb2a2e4a8d5901f3d79df8a0f3d2c4faa
YevgeniyB <mafila@gmail.com> 1588555574 -0400

commit: Updated page-teammatefinder-profile-create.php to include list of prior races and teams. Created search system in page-teammatefinder-search.php and added minimalistic output display. Updated page-teammatefinder.php to automatically transfer prior race and team data from other tables when creating a Teammate Finder racer profile.

898feafdb2a2e4a8d5901f3d79df8a0f3d2c4faa b2c5af8b8d3fd2be80e5e2664170dff91fd857c
YevgeniyB <mafila@gmail.com> 1588620664 -0400

commit: Began integration phase and added new links to the FLX Adventure Racing website. Updated page-teammatefinder-profile-create.php and page-teammatefinder-search.php. Changes include minor UI changes, bug fixes, adding a profile check to check if the user has a Teammate Finder profile, and adding a prompt for the user to create a profile if none is found.

b2c5af8b8d3fd2be80e5e2664170dff91fd857c f88824db21f301d337e856c7f324880dc343ec09
YevgeniyB <mafila@gmail.com> 1588643574 -0400

commit: Created page-teammatefinder-profile-deactivate.php for the activation/deactivation of the users racer profile and added a link to it from the Deactivate button on the page-teammatefinder-profile-create.php page. The

page-teammatefinder-search.php has been updated to only display racer profiles that are active. Minor bug fixes have also been made to page-teammatefinder-profile-create.php.

f88824db21f301d337e856c7f324880dc343ec09 f8554c95aa80b37214134eaa0ccbbdc1c459fea4 YevgeniyB <mafila@gmail.com> 1588643935 -0400

commit: Fixed a bug in page-teammatefinder-profile-deactivate.php that prevented it from working. Deactivation is now functioning again.

f8554c95aa80b37214134eaa0ccbbdc1c459fea4 87bb03a53426daca1dce19adabaf7034fadd6acb YevgeniyB <mafila@gmail.com> 1588735832 -0400

commit: Updated page-teammatefinder-update.php to update all fields in the fix_teammate_finder table. Added a URL check to page-teammatefinder-profile-create.php to show any racer profile. Updated page-teammatefinder-search.php to check if the user is logged in and hide the content from guest users.

87bb03a53426daca1dce19adabaf7034fadd6acb
63b53f2d9d3a65c6e2e3c9d913dc38858a80110 YevgeniyB <mafila@gmail.com> 1588746367 -0400

commit: Updated page-teammatefinder.php, page-teammatefinder-profile-create.php, and page-teammatefinder-search.php to automatically determine the security level of the user and perform the appropriate actions. Fixed multiple bugs in page-teammatefinder-search.php that prevented some of the search filters from working. Updated the WordPress administrator page for Teammate Finder and created a new page for racers to edit their own profiles, which has been linked to page-teammatefinder.php.

63b53f2d9d3a65c6e2e3c9d913dc38858a80110
67495c539ebf90c3e7cf5b192b511b65d1e5f21c YevgeniyB <mafila@gmail.com> 1588811086 -0400

commit: Minor fixes and removed unused code.

67495c539ebf90c3e7cf5b192b511b65d1e5f21c
770140082e0c4d8330d956e97e09497720356767 YevgeniyB <mafila@gmail.com> 1588811748 -0400

commit: Added comments. Completed integration.

770140082e0c4d8330d956e97e09497720356767
4182610237c1bb8f1d03e3684957746ba2e6faff YevgeniyB <mafila@gmail.com> 1588916604 -0400

commit: Deployment, debugging, and final testing completed. Bug fixes have been made to all pages.

IV. Progress Reports

A. Progress Report I

Phase I and Phase II of the development timeline have been completed. The completion of these phases marks the beginning of the integration stage of the development timeline, now that both the Teammate Finder Profile System and the Teammate Finder Search System are in a fully operational and functional state. Development is currently undergoing Phase III, which is the integration of both systems into a single unified subsystem of the FLX Adventure Racing website. Once Phase III is completed, the final debugging and testing stage of Phase IV will commence, followed by the deployment of the system in Phase V.

Phase 1	Phase 2	Phase 3	Phase 4	Phase 5
Profile	Search	Integration	Testing	Deployment
Complete	Complete	In Progress	Pending	Pending

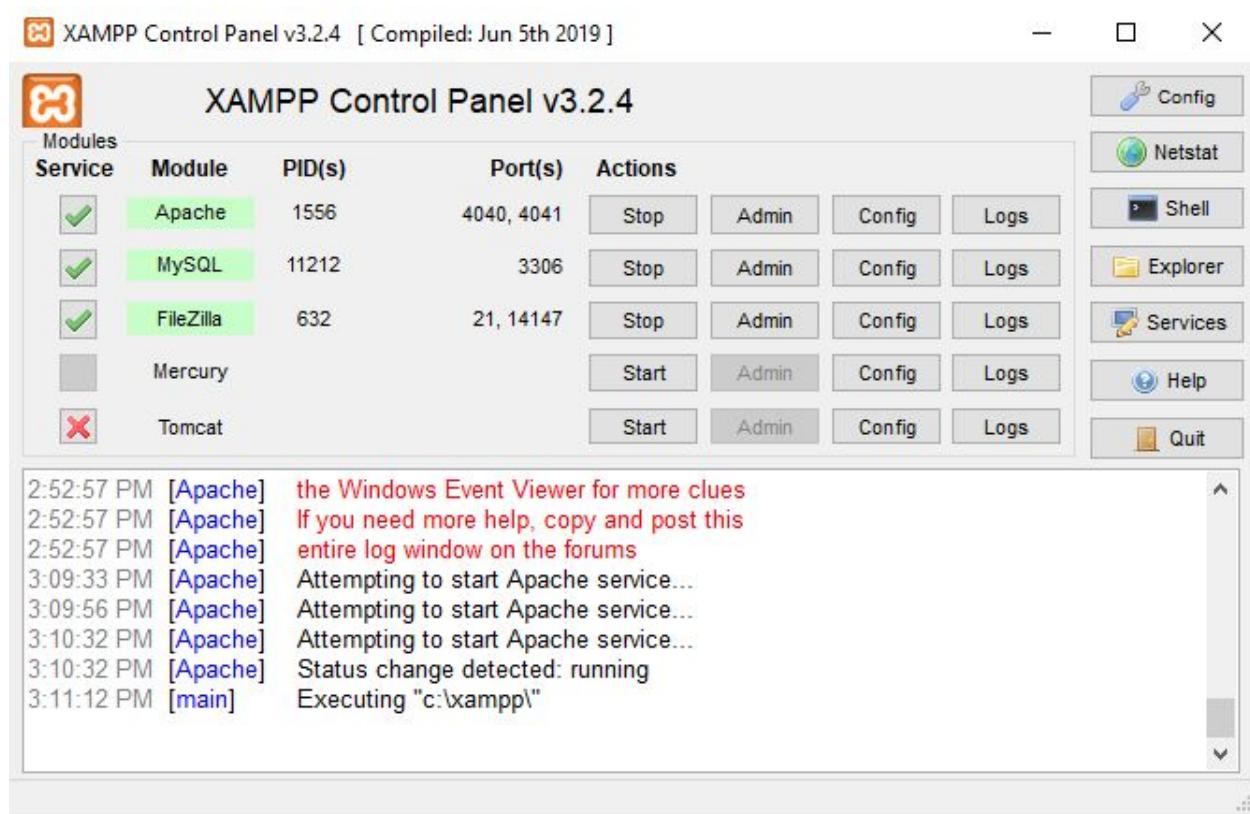
B. Progress Report II

Integration is complete and the application has completed testing while awaiting deployment.

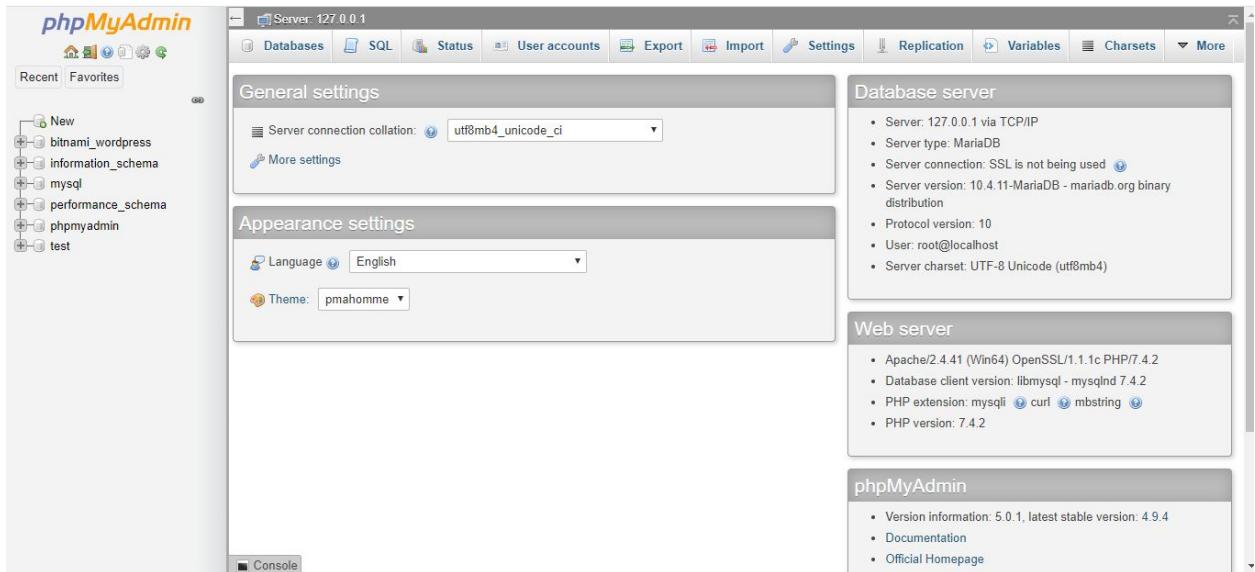
Phase 1	Phase 2	Phase 3	Phase 4	Phase 5
Profile	Search	Integration	Testing	Deployment
Complete	Complete	Completed	In Progress	In Progress

V. Resources

Stack selection: XAMPP



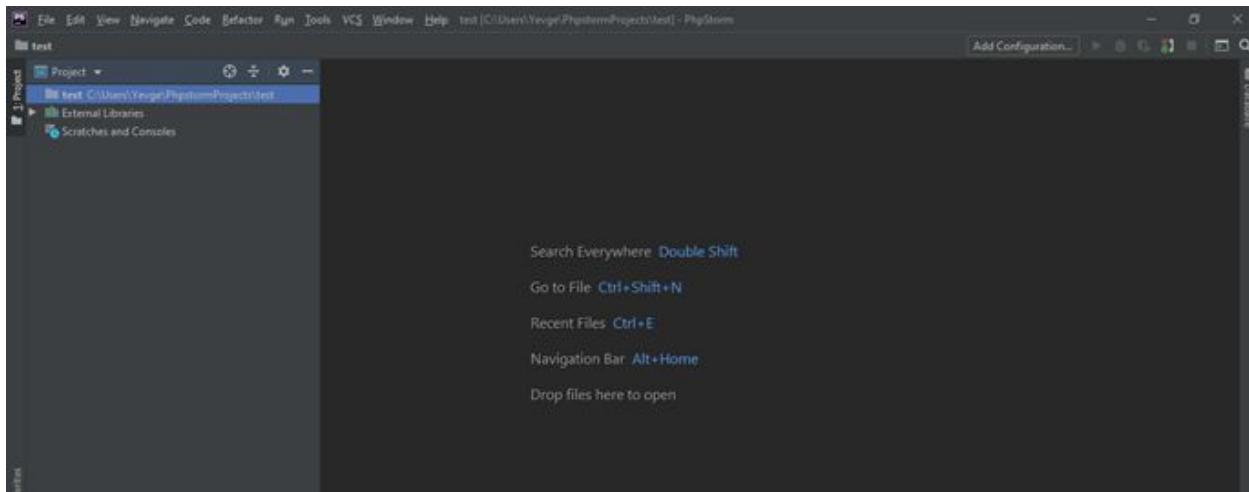
Database Administration: Phpmyadmin



Framework: Wordpress

The screenshot shows a WordPress website with the title 'Hello world!'. The page has a light beige background. At the top, there's a header with the site name 'websys2' and a 'Sample Page' link. On the right, there's a search bar with a magnifying glass icon. Below the header, the main content area features a large heading 'Hello world!', followed by a sub-heading 'UNCATEGORIZED'. Below the heading, there's a timestamp 'February 10, 2020' and a comment count '1 Comment'. At the bottom of the content area, there's a message: 'Welcome to WordPress. This is your first post. Edit or delete it, then start writing!'.

IDE: PhpStorm



Version Control:

Git

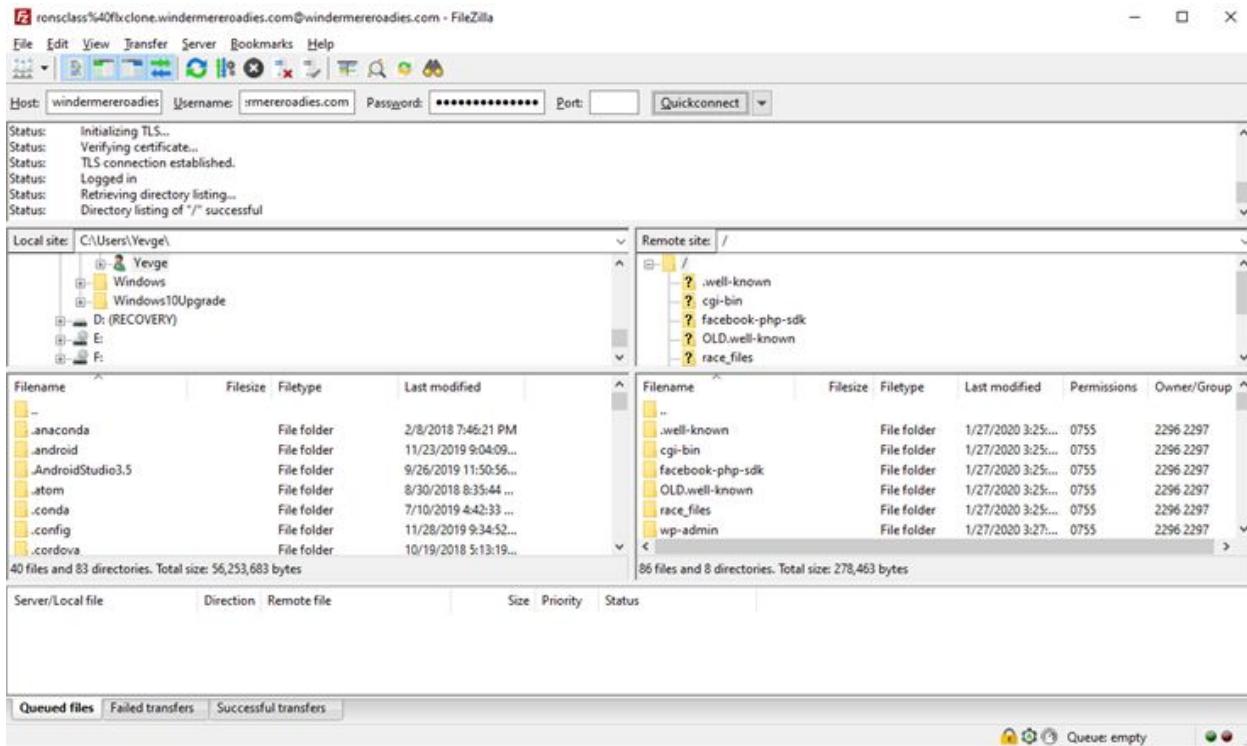
A screenshot of a terminal window titled 'MINGW64:/c/Users/Yevge'. The window shows a command-line interface with the prompt 'Yevge@LAPTOP-N4N80KJ6 MINGw64 ~ (master) \$'. The terminal is otherwise empty, indicating a clean repository.

Github

<https://github.com/YevgeniyBorts>

Host: [ftp.windermereroadies.com](ftp://ftp.windermereroadies.com) [ftp.windermereroadies.com]

FTP connection using FileZilla:



Local Development Environment

The FLX Adventure Racing Website is running on localhost using XAMPP.

localhost:4040/project/ Incognito



FLX

ABOUT FLX ADVENTURES ▾ EVENTS ▾ RANKINGS PHOTOS! RACER PROFILE

REGISTER

f t y i

RECENT EVENTS:

The Deviant Wolfe AR
The Resolution AR
The Turkey Burn Trail Run

localhost:4040/project/

FLORIDA XTREME EVENT CALENDAR



Tweets by @flxadventures ⓘ

FL Xtreme Adventure @flxadventures facebook.com/flxadventures/...

Jan 21, 2020

FL Xtreme Adventure @flxadventures Just a few shots from today's