3420 Assignment #4 - Fall 2023

Name(s): David Ehi-Bello and Jethro Ashemuke

Live Loki link(s): CREATE ACCOUNT PAGE

ADD ENTRY PAGE

LOG IN PAGE

FORGOT PASSWORD PAGE

RESET PASSWORD PAGE

MAIN PAGE

EDIT LIST ITEM PAGE

VIEW LIST ITEM PAGE

DELETE LIST ITEM PAGE

PUBLIC LIST PAGE

SEARCH PAGE

Rubric

Component	Grade
Edit List Validation	/4
Register Validation	/4
Delete confirmation	/3
Details modal	/5
Copy Public Link to Clipboard	/3
Unique Username	/3
Password Strength	/3
Show Password *	/3
Limiting Description Field *	/3
Star Rating *	/3
Code Quality (tidyness, validity, efficiency, etc)	/4
Documentation	/3

Component	Grade
Testing	/3
Bonus	/3.5
Deductions (readability, submission guidelines, originality)	
Total	/35

Things to consider for Bonus Marks (if any)

Code & Testing

Put your code and screenshots here, **with proper heading organization**. You don't need to include html/php code (or testing) for any pages that aren't affected by your javascript for this assignment.

PHP Pages that incorporate Javascript

Register Page

HTML/PHP

```
<?php
include "./includes/library.php";
//Connect to Database
$pdo = connectdb();


//Retrieve Data
$username = $_POST['username'] ?? null;
$name = $_POST['name'] ?? null;
$email = $_POST['email'] ?? null;
$password = $_POST['password'] ?? null;




// Declare empty array to add errors too
$errors = array();


if ($_SERVER['REQUEST_METHOD'] === 'POST') {


    /* Validation from previous assignment is commented out so that your JavaScript can
   * be responsible for it instead */
  /* ---------------------------------------------------------------------------
```

```php
//Validate variables
if (empty($username)) {
    $errors[] = 'Username is required';
}
if (empty($name)) {
    $errors[] = 'Name is required';
}
if (empty($email)) {
    $errors[] = 'Email is required';
}
if (empty($password)) {
    $errors[] = 'Password is required';
}




//Validate username
$similar_username = get_username($pdo, $username);
if ($similar_username !== null) {
    $errors[] = 'There is already a similar username';
}
--------------------------------------------------------------------------- */






//Insert record into database if no recorded errors
if (count($errors) === 0) {
    $encrypted_password = password_hash($password, PASSWORD_DEFAULT);
    $stmt = $pdo->prepare("INSERT INTO User_data (Username, Name, Email, Password) VALUES (?,?,?,?)");
    $stmt->execute([$username, $name, $email, $encrypted_password]);
    if ($stmt->rowCount() === 1) {
        $user_id = $pdo->LastInsertId();
        //start session
        session_start();
        // Put the username and user ID into the session array
        $_SESSION['username'] = $username;
        $_SESSION['user_id'] = $user_id ;
        // Redirect to index..php
        header('Location: index.php');
        exit(); // Make sure to stop execution after redirection
    } else {
        // Records do not match, set an error
        $errors[] = "Invalid record, cannot insert into database.";
    }
}
}

?>
```

```
<!DOCTYPE html>
<html lang="en">


<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <script src="https://kit.fontawesome.com/4d41a90315.js"
crossorigin="anonymous"></script>
    <link rel="stylesheet" href="./styles/main.css">
    <script defer src="./scripts/create-account.js"></script>
    <title>Create Account</title>
</head>


<body>

    <div class="split-layout">
     <div class="left-half">
        <h1 id="asty">ASTY</h1>
        <?php include './includes/nav.php' ?>
     </div>


        <div class="right-half">
     <nav>
                <div class="backtrack">
            <ul class="no-bullets">
                <li><a href="./join.php" style="color: grey;">Join</a></li>
                <li>></li>
                <li><a href="./create-account.php" style="color:  navy;">Create
Account</a></li>
            </ul>
                </div>
        </nav>




      <main>
        <h2 id="create-account">Create Account</h2>


        <!-- Code below is to collect users data(username, name, email, password)
-->
        <form id="form" method="post" novalidate >


                <div>
                <label for="username">Username  </label>
                <input type="text" placeholder="Enter username" name="username"
```

```
id="username" required class="input-box" >
                <div class="error"></div>
                </div>


                <div>
                <label for="nam">Name </label>
                <input type="text" placeholder="Enter name" id="name" name="name"
required class="input-box">
                <div class="error"></div>
                </div>


                <div>
                <label>Email </label>
                <input type="email" placeholder="Enter email" id="email"
name="email" required class="input-box" >
                <div class="error"></div>
                </div>


                <div>
                <label>Password </label>
                <input type="password" placeholder="Enter password" id="password"
name="password" required class="input-box">
                <input type="checkbox" id="show-password"
onclick="togglePasswordVisibility()">
                <label for="show-password">Show Password</label>
                <div class="error"></div>
                </div>


                <div>
               <button type="submit">Submit</button>
                </div>


                <div class="ch-remember">
                    Remember me:
                <input type="checkbox" class="defaultcheckbox" name="checkbox1"
checked="checked">
                </div>

        </form>

      </main>

      <?php include './includes/footer.php' ?>
</div>
</div>
</body>
```

```
</html>
```

Edit list item page

HTML/PHP

```
<?php
// Include the database connection file
include "./includes/library.php";

// Connect to Database
$pdo = connectdb();

// Check if the list item ID is provided in the URL
if (isset($_GET['id']) && !empty($_GET['id'])) {
    $itemId = $_GET['id'];

    // Fetch data from the database based on the list item ID
    $stmt = $pdo->prepare("SELECT * FROM User_entry WHERE entry_id = ?");
    $stmt->execute([$itemId]);
    $result = $stmt->fetch(PDO::FETCH_ASSOC);

    if (!$result) {
        // Handle invalid list item ID (redirect to an error page or main page)
        header("Location: index.php");
        exit();
    }

    // Check if the user owns the list item
    $userId = 1;
    if ($result['user_id'] != $userId) {
        // Handle unauthorized access (redirect to an error page or main page)
        header("Location: index.php");
        exit();
    }
} else {
    // Handle missing list item ID (redirect to an error page or main page)
    header("Location: index.php");
    exit();
}

// Handle form submission
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    // Retrieve and sanitize form data
    $listName = $_POST["list"];
    $itemName = $_POST["gotoasummerfestival"];
    $state = isset($_POST["state"]) ? $_POST["state"] : '';
    $created = $_POST["item-start"];
    $completed = $_POST["item-Completion"];
    $description = $_POST["description"];
    $rating = isset($_POST["rating"]) ? (int)$_POST["rating"] : 0;

    // Update data in the User_entry table
    $stmt = $pdo->prepare("UPDATE User_entry SET list_name = ?, item_name = ?, item_description = ?, options = ?, completion_status = ?, created = ?, completed = ?, rating = ?, WHERE entry_id = ?");
    $stmt->execute([$listName, $itemName, $description, 'private', $state, $created, $completed, $rating,  $itemId]);

    // Redirect to the main page after successful submission
    header("Location: index.php");
    exit();
}
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <script src="https://kit.fontawesome.com/4d41a90315.js" crossorigin="anonymous"></script>
    <link rel="stylesheet" href="./styles/main.css">
    <script defer src="./scripts/edit.js"></script>
    <title>Edit List Item</title>
</head>

<body>
    <div class="split-layout">
        <div class="left-half">
        <h1 id="asty">ASTY</h1>

        <!-- Navigation-->
        <?php include './includes/nav2.php' ?>
        </div>

            <div class="right-half">
                <nav>
                <div class="backtrack">
                    <ul>
                        <li><a href="./index.php" style="color: grey;">Main</a></li>
                        <li>></li>
                        <li><a href="./edit-item.php" style="color:  navy;">Edit enttry</a></li>
                    </ul>
                </div>
            </nav>



        <main>
<!-- Code below is for user to edit list item -->
        <h2 id="edit-entry">Edit Entry</h2>
        <form method="post" id="edit-form">
        <div>
        <label for="list">Bucket list </label>
        <select name="list" id="list">
            <option value="0" <?php echo ($result['list_name'] == '0') ?
'selected' : ''; ?>>Select one</option>
            <option value="Summer Bucket list" <?php echo ($result['list_name'] ==
'Summer Bucket list') ? 'selected' : ''; ?>>Summer Bucket list</option>
            <option value="College Bucket list" <?php echo ($result['list_name']
== 'College Bucket list') ? 'selected' : ''; ?>>College bucket list</option>
        </select>
        <div class="error"></div>
    </div>

    <div>
        <label class="edit-
label">Name&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</label>
        <input type="text" placeholder="Go to a summer festival"
name="gotoasummerfestival" required class="input-edit" value="<?php echo
$result['item_name']; ?>">
        <div class="error"></div>
    </div>

    <div>
        <label class="edit-label">State&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</label>

        <div class="radio-buttons">
            <input type="radio" id="in-progress" name="state" value="In-Progress"
<?php echo ($result['completion_status'] == 'In-Progress') ? 'checked' : ''; ?>>
            <label for="in-progress">In-Progress</label>
        </div>

        <div class="radio-buttons">
            <input type="radio" id="completed" name="state" value="Completed" <?
php echo ($result['completion_status'] == 'Completed') ? 'checked' : ''; ?>>
            <label for="completed">Completed</label>
        </div>
        <div class="error"></div>
    </div>

    <div>
        <div>
            <label class="edit-label">Created&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
</label>
            <input type="date" id="start" name="item-start" value="<?php echo
$result['created']; ?>" min="2018-01-01" max="2025-12-31" required class="input-
edit">
        </div>

        <div>
            <label class="edit-label">Completed</label>
            <input type="date" id="completion" name="item-Completion" value="<?php
echo $result['completed']; ?>" min="2018-01-01" max="2025-12-31" required
class="input-edit">
```

```
        </div>
        <div class="error"></div>
    </div>

    <div>
        <label class="edit-label">Description : </label>
        <textarea rows="10" cols="50" name="description"><?php echo $result['item_description']; ?></textarea>
        <div class="error"></div>
    </div>

    <div>
        <label for="rating">Rating: </label>
        <div name="star-rating" id="sta-rating" class="star-rating">
        <?php
        // Loop to generate stars based on the current rating
        for ($i = 1; $i <= 5; $i++) {
            $checked = ($i == $result['rating']) ? 'checked' : '';
            echo "<input type='radio' id='star{$i}' name='rating' value='{$i}' {$checked} />";
            echo "<label for='star{$i}' title='{$i} stars'>{$i}</label>";
        }
        ?>
        </div>
        <div class="error"></div>
    </div>



    <div>
        <label class="edit-label">Details : </label>
        <textarea rows="10" cols="50" name="details"></textarea>
        <div id="character-counter"></div>
        <div class="error"></div>
    </div>

    <div>
        <label for="myfile">Image </label>
        <input type="File" id="myfile" name="myFile">
        <div class="error"></div>
    </div>

    <div>
        <button type="submit">Submit</button>
    </div>
        </form>

    </main>

    <?php include './includes/footer.php' ?>
    </div>
</div>

</body>
</html>
```

View list item page

HTML/PHP

```
<?php
// Include the database connection file
include "./includes/library.php";

// Connect to Database
$pdo = connectdb();

// Check if the list item ID is provided in the URL
if (isset($_GET['id']) && !empty($_GET['id'])) {
    $itemId = $_GET['id'];

    // Fetch data from the database based on the list item ID
    $stmt = $pdo->prepare("SELECT * FROM User_entry WHERE entry_id = ?");
    $stmt->execute([$itemId]);
    $result = $stmt->fetch(PDO::FETCH_ASSOC);

    if (!$result) {
        // Handle invalid list item ID (redirect to an error page or main page)
        header("Location: index.php");
        exit();
    }
} else {
    // Handle missing list item ID (redirect to an error page or main page)
    header("Location: index.php");
    exit();
}
?>

<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <script src="https://kit.fontawesome.com/4d41a90315.js"
crossorigin="anonymous"></script>
    <link rel="stylesheet" href="./styles/main.css">
    <title>View List Item</title>
</head>

<body>

    <div class="split-layout">
```

```
        <div class="right-half">
            <nav>
                <div class="backtrack">
                    <ul class="no-bullets">
                        <li><a href="./index.php" style="color: grey;">Main</a>
</li>
                        <li>></li>
                        <li><a href="./view-item.php" style="color:  navy;">List
Item</a></li>
                    </ul>
                </div>
            </nav>

            <main>
                <!-- Code below contains information about a bucket list item -->
                <h2 id="go-summer"><?php echo $result['item_name']; ?
>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<a href="./edit-item.php?id=<?php echo $itemId; ?
>"><i class="fa-solid fa-pen-to-square"></i></a> &nbsp;<a href=""><i class="fa-
solid fa-trash"></i></a>&nbsp;<a href=""><i class="fa-solid fa-backward"></i></a>
</h2>

                <div class="itemss">
                    <div class="item-details">
                        <fieldset class="stress">
                            <p data-label="List:"><a href="./Summer.html"><?php
echo $result['list_name']; ?></a></p>
                        </fieldset>
                    </div>

                    <div class="item-details">
                        <fieldset class="stress">
                            <p data-label="Completion:"><?php echo
$result['completed']; ?></p>
                        </fieldset>
                    </div>

                    <div class="item-details">
                        <fieldset class="stress">
                            <p data-label="Created on:"><?php echo
$result['created']; ?></p>
                        </fieldset>
                    </div>
                </div>

                <p class="custom-paragraph"><?php echo
$result['item_description']; ?></p>

                <img src="./img/<?php echo $result['image']; ?>" alt="<?php echo
$result['item_name']; ?>" width="700" height="480">

                <div class="viewitemrating">
                    <ul class="no-bullets">
                        <?php
                        $rating = $result['rating'];
                        for ($i = 0; $i < $rating; $i++) {
                            echo '<li><i class="fa-solid fa-star"></i></li>';
                        }
                        for ($i = $rating; $i < 5; $i++) {
                            echo '<li><i class="fa-regular fa-star"></i></li>';
                        }
                        ?>
                    </ul>
                </div>

            </main>

            <?php include './includes/footer.php' ?>
        </div>
    </div>

</body>
</html>
```

Main Page

HTML/PHP

```
<?php
// Include the database connection file
include "./includes/library.php";

// Connect to Database
$pdo = connectdb();

// Start the session
session_start();

// Get the user ID from the session
$userId = $_SESSION['user_id'];

// Fetch data from the User_entry table
$stmt = $pdo->query("SELECT * FROM User_entry");
$entries = $stmt->fetchAll(PDO::FETCH_ASSOC);

?>

<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <script src="https://kit.fontawesome.com/4d41a90315.js"
```

```
crossorigin="anonymous"></script>
    <link rel="stylesheet" href="./styles/main.css">
    <script defer src="./scripts/model.js"></script>
    <title>Main</title>
</head>

<body>
    <div class="split-layout">
        <div class="left-half">
            <h1 id="asty">ASTY</h1>
            <?php include './includes/nav2.php' ?>

        </div>

        <div class="right-half">
            <main>
                <h1 id="bucket-list">Bucket Lists</h1>

                <?php
                // Group entries by list_name
                $groupedEntries = [];
                foreach ($entries as $entry) {
                    $groupedEntries[$entry['list_name']][] = $entry;
                }

                // Loop through each list
                foreach ($groupedEntries as $listName => $listEntries) {
                    echo '<div class="summer-list">';
                    echo '<h2><span>' . $listName . '&nbsp;&nbsp;&nbsp;</span></h2>';

                    echo '<ul>';

                    // Loop through each entry in the list
                    foreach ($listEntries as $entry) {
                        echo '<li>';
                        echo '<h3>' . $entry['item_name'] . '&nbsp;<a href="./view-item.php?id=' . $entry['entry_id'] . '" class="view-item-link" data-item-id=' . $entry['entry_id'] . '"><i class="fa-solid fa-eye"></i></a><a href="./edit-item.php?id=' . $entry['entry_id'] . '"><i class="fa-solid fa-pen-to-square"></i></a><a href="./delete-item.php?id=' . $entry['entry_id'] . '" class="delete-item-link" data-item-id=' . $entry['entry_id'] . '"><i class="fa-solid fa-trash"></i></a></h3>';
                        echo '<p>' . $entry['item_description'] . '</p>';
                        echo '</li>';
                    }

                    echo '</ul>';
                    echo '</div>';
                }
                ?>
            </main>

            <?php include './includes/footer.php' ?>
        </div>
    </div>
</body>

</html>
```

Delete list Item page

HTML/PHP

```php
<?php
// Include the database connection file
include "./includes/library.php";

// Connect to Database
$pdo = connectdb();

// Start the session
session_start();

// Check if an entry_id is provided in the URL
if (isset($_GET['id'])) {
    $entryId = $_GET['id'];

    // Fetch the entry from the User_entry table
    $stmt = $pdo->prepare("SELECT * FROM User_entry WHERE entry_id = ?");
    $stmt->execute([$entryId]);
    $entry = $stmt->fetch(PDO::FETCH_ASSOC);

    // Check if the entry exists and the user owns it
    if ($entry && $entry['user_id'] == $_SESSION['user_id']) {
        // Delete the entry from the database
        $stmt = $pdo->prepare("DELETE FROM User_entry WHERE entry_id = ?");
        $stmt->execute([$entryId]);

        // Redirect to the main page after deletion
        header('Location: index.php');
        exit();
    } else {
        // Entry not found or user does not own it, handle accordingly
        echo 'Entry not found or you do not have permission to delete.';
    }
} else {
    // No entry_id provided in the URL
    echo 'Invalid request.';
}
?>
```

Delete account page

HTML/PHP

```php
<?php
// Include the database connection file
include "./includes/library.php";

// Start the session
session_start();

// Check if the user is logged in
if (!isset($_SESSION['user_id'])) {
    // Redirect to the login page if the user is not logged in
    header("Location: login.php");
    exit();
}

// Connect to Database
$pdo = connectdb();

// Get the user ID from the session
$userID = $_SESSION['user_id'];

// Delete all data associated with the user
try {
    // Delete entries associated with the user from the User_entry table
    $stmtEntries = $pdo->prepare("DELETE FROM User_entry WHERE user_id = ?");
    $stmtEntries->execute([$userID]);

    // Delete the user account data from the User_data table
    $stmtUserData = $pdo->prepare("DELETE FROM User_data WHERE id = ?");
    $stmtUserData->execute([$userID]);

    // Destroy the session
    session_destroy();

    // Redirect to the login page after successful deletion
    header("Location: login.php");
    exit();
} catch (PDOException $e) {
    // Handle the exception, you might want to log it or display an error message
    echo "Error: " . $e->getMessage();
}
?>
```

JAVASCRIPT pages

Create-account.js (USED FOR REGISTER PAGE(create-account.php))

Javascript

```
"use strict";

document.addEventListener("DOMContentLoaded", function () {
    validateForm();
    function validateForm() {
const form = document.getElementById('form');
const username = document.getElementById('username');
const name = document.getElementById('name');
const email = document.getElementById('email');
const password = document.getElementById('password');


form.addEventListener('submit', e => {
    e.preventDefault();

    validateInputs();
});

const setError = (element, message) => {
    const inputControl = element.parentElement;
    const errorDisplay = inputControl.querySelector('.error');

    errorDisplay.innerText = message;
    inputControl.classList.add('error');
    inputControl.classList.remove('success')
}

const setSuccess = element => {
    const inputControl = element.parentElement;
    const errorDisplay = inputControl.querySelector('.error');

    errorDisplay.innerText = '';
    inputControl.classList.add('success');
    inputControl.classList.remove('error');
};

const isValidEmail = email => {
    const re = /^(([^<>()[\]\\.,;:\s@"]+(\.[^<>()[\]\\.,;:\s@"]+)*)|(".+"))@((\[[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\])|(([a-zA-Z\-0-9]+\.)+[a-zA-Z]{2,}))$/;
    return re.test(String(email).toLowerCase());
}

const validateInputs = () => {
    const usernameValue = username.value.trim();
    const nameValue = name.value.trim();
    const emailValue = email.value.trim();
    const passwordValue = password.value.trim();

    let formIsValid = true;
    if(usernameValue === '') {
        setError(username, 'Username is required');
        formIsValid = false;
    } else {
        setSuccess(username);
    }

    if(nameValue === '') {
        setError(name, 'name is required');
        formIsValid = false;
    } else {
        setSuccess(name);
    }

    if(emailValue === '') {
        setError(email, 'Email is required');
        formIsValid = false;
    } else if (!isValidEmail(emailValue)) {
        setError(email, 'Provide a valid email address');
        formIsValid = false;
    } else {
        setSuccess(email);
    }

    if(passwordValue === '') {
        setError(password, 'Password is required');
        formIsValid = false;
    } else if (passwordValue.length < 8 ) {
        setError(password, 'Password must be at least 8 character.')
        formIsValid = false;
    } else {
        setSuccess(password);
    }

    if (formIsValid) {
        form.submit();
    }

};
}



});



function togglePasswordVisibility() {
    const passwordInput = document.getElementById('password');
    const showPasswordCheckbox = document.getElementById('show-password');

   // Toggle the type attribute of the password input
   passwordInput.type = showPasswordCheckbox.checked ? 'text' : 'password';
```

```
    }

```

edit.js (USED FOR edit list item PAGE(edit-item.php))

Javascript

```
"use strict";

document.addEventListener("DOMContentLoaded", function () {


    // Function to validate the form
    function validateForm() {
        // Reset previous error messages
        resetErrors();


        // Validate each input
        let isValid = true;


        // Validate list selection
        const list = document.getElementById("list").value;
        if (list === '0') {
            displayError("list", "Please select a bucket list.");
            isValid = false;
        }


        // Validate name
        const itemName = document.getElementById("gotoasummerfestival").value;
        if (!itemName.trim()) {
            displayError("gotoasummerfestival", "Please enter the name.");
            isValid = false;
        }


        // Validate date format
        const createdDate = document.getElementById("start").value;
        const completedDate = document.getElementById("completion").value;


        if (!isValidDateFormat(createdDate)) {
            displayError("item-start", "Invalid date format. Please use YYYY-MM-
DD.");
            isValid = false;
        }


        if (!isValidDateFormat(completedDate)) {
            displayError("item-Completion", "Invalid date format. Please use YYYY-MM-DD.");
            isValid = false;
        }


        // Validate description
        const description = document.getElementById("description").value;
        if (!description.trim()) {
            displayError("description", "Please enter a description.");
            isValid = false;
        }


        // Validate rating
        const rating = document.getElementById("rating").value;
        if (rating === '0') {
            displayError("rating", "Please select a rating.");
            isValid = false;
        }


         // Validate details
         const details = document.getElementById("details").value;
         if (!description.trim()) {
             displayError("details", "Please enter a description.");
             isValid = false;
         }


        return isValid;
    }


    // Event listener for form submission
    document.getElementById("edit-form").addEventListener("submit", function (event) {
        if (!validateForm()) {
            // Prevent form submission if validation fails
            event.preventDefault();
        }
    });


    // Function to display an error message
    function displayError(field, message) {
        const errorSpan = document.querySelector(`#${field} + .error`);
        errorSpan.textContent = message;
    }


    // Function to reset error messages
    function resetErrors() {
        const errorSpans = document.querySelectorAll(".error");
        errorSpans.forEach((span) => (span.textContent = ""));
    }


    // Function to validate date format (YYYY-MM-DD)
    function isValidDateFormat(dateString) {
        const dateFormatRegex = /^\d{4}-\d{2}-\d{2}$/;
        return dateFormatRegex.test(dateString);
    }









 // rating field star system implementation
    const starRating = document.getElementById("star-rating");
    const ratingInputs = starRating.querySelectorAll("input[name='rating']");
    const errorDisplay = document.querySelector(".error");

    // Event listener for rating inputs
    ratingInputs.forEach((input) => {
        input.addEventListener("change", function () {
            resetErrors();
            const selectedRating = this.value;
            console.log("Selected Rating:", selectedRating);
        });
    });

    function resetErrors() {
        errorDisplay.textContent = "";
    }




});

// WORD LIMIT ON DETAILS implementation
document.addEventListener("DOMContentLoaded", function () {
    const descriptionTextarea =
document.querySelector('textarea[name="details"]');
    const characterCounter = document.querySelector('#character-counter');

    // Set the initial character count
    updateCharacterCount();

    // Add an input event listener to the description textarea
    descriptionTextarea.addEventListener('input', function () {
        updateCharacterCount();
    });
    function updateCharacterCount() {
        const maxLength = 2500;
        const currentLength = descriptionTextarea.value.length;
        const charactersLeft = maxLength - currentLength;

        // Display the character count
        characterCounter.textContent = `${charactersLeft} characters left`;

        // Change the color based on the remaining characters
        if (charactersLeft >= 0) {
            characterCounter.style.color = 'black'; // or any color you prefer
        } else {
            characterCounter.style.color = 'red'; // or any color you prefer for exceeded limit
        }
    }
});
```

modal.js (USED FOR main PAGE(index.php), view item page(view-item.php), delete item (delete-item.php), delete account page (delete-account.php))

Javascript

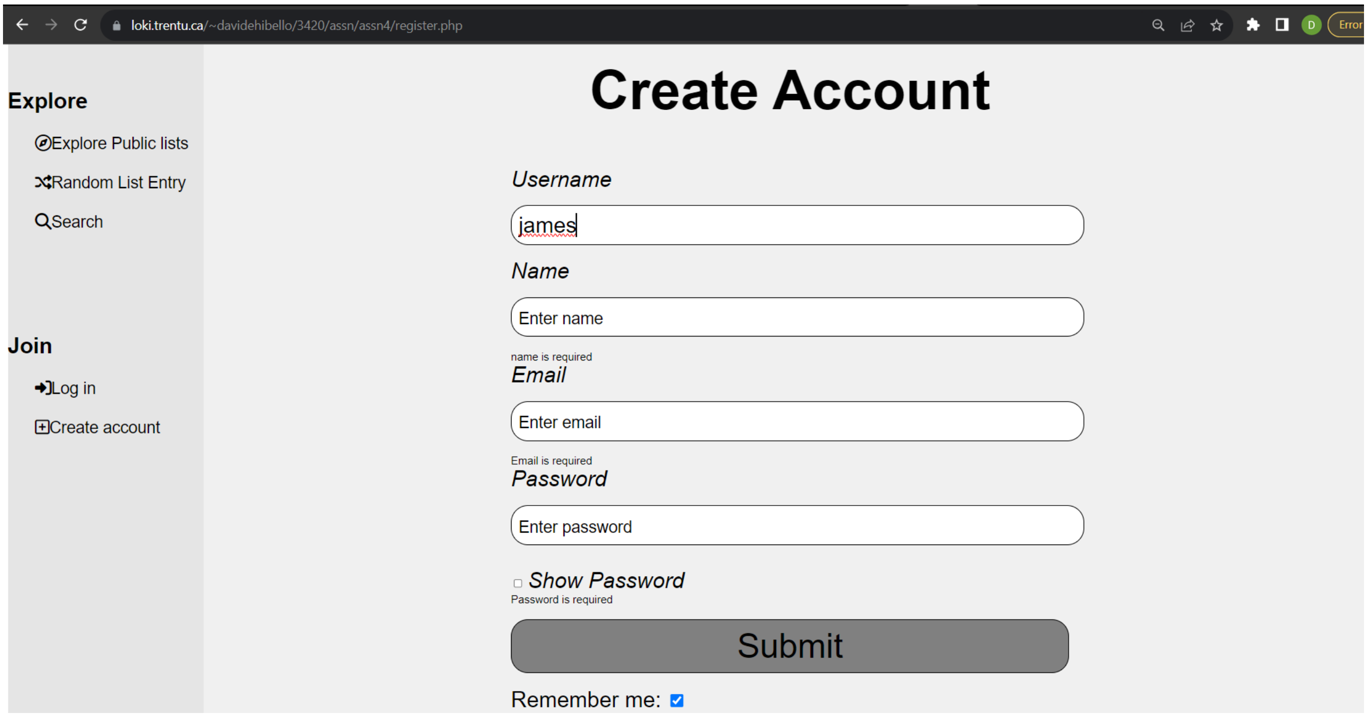
```



document.addEventListener("DOMContentLoaded", function () {

     // JAVASCRIPT TO VIEW LIST ITEMS IN MODEL WINDOW
    const items = document.querySelectorAll('.view-item-link');

    items.forEach(item => {
        item.addEventListener('click', function (event) {
            event.preventDefault();
            const itemId = this.getAttribute('data-item-id');
            openModal(itemId);
        });
    });

    function openModal(itemId) {
        // Fetch data from the server using AJAX
        fetch(`view-item.php?id=${itemId}`)
            .then(response => response.text())
            .then(data => {
                // Create a modal
                const modal = document.createElement('div');
                modal.classList.add('modal');
                modal.innerHTML = data;
```

```
               // Add styles to center the modal
            modal.style.position = 'fixed';
            modal.style.top = '50%';
            modal.style.left = '50%';
            modal.style.transform = 'translate(-50%, -50%)';

                // Append the modal to the body
                document.body.insertAdjacentElement('beforeend', modal);

                // Close modal when clicking outside of it
                modal.addEventListener('click', function (event) {
                    if (event.target === modal) {
                        closeModal();
                    }
                });

                // Close modal when pressing the ESC key
                document.addEventListener('keydown', function (event) {
                    if (event.key === 'Escape') {
                        closeModal();
                    }
                });
            })
            .catch(error => {
                console.error('Error fetching data:', error);
            });
    }

    function closeModal() {
        const modal = document.querySelector('.modal');
        if (modal) {
            modal.remove();
        }
    }



        // JAVASCRIPT TO CONFIRM THE DELETION OF AN ITEM
        const deleteLinks = document.querySelectorAll('.delete-item-link');

        deleteLinks.forEach(link => {
            link.addEventListener('click', function (event) {
                event.preventDefault();

                const itemId = this.getAttribute('data-item-id');
                const confirmation = confirm('Are you sure you want to delete this item?');

                if (confirmation) {
                    // If user clicks OK, proceed with deletion
                    window.location.href = `./delete-item.php?id=${itemId}`;
                }
            });
        });
```

```
// JAVASCRIPT TO CONFIRM THE DELETION OF AN ACCOUNT
console.log("Model.js loaded");

const deleteAccountLinks = document.querySelectorAll('.delete-account-link');

deleteAccountLinks.forEach(link => {
    link.addEventListener('click', function (event) {
        event.preventDefault();

        console.log("Delete account link clicked");

        const confirmation = confirm('Are you sure you want to delete your
account?');

        console.log("Confirmation dialog result:", confirmation);

        if (confirmation) {
            console.log("User confirmed. Proceeding with account deletion.");
            // If user clicks OK, proceed with account deletion
            window.location.href = `./delete-account.php`;
        } else {
            console.log("User canceled account deletion.");
        }
      });
  });


});
```

Testing

VALIDATION FOR register form



Create Account

Username

james

Name

Enter name

name is required

Email

Enter email

Email is required

Password

Enter password

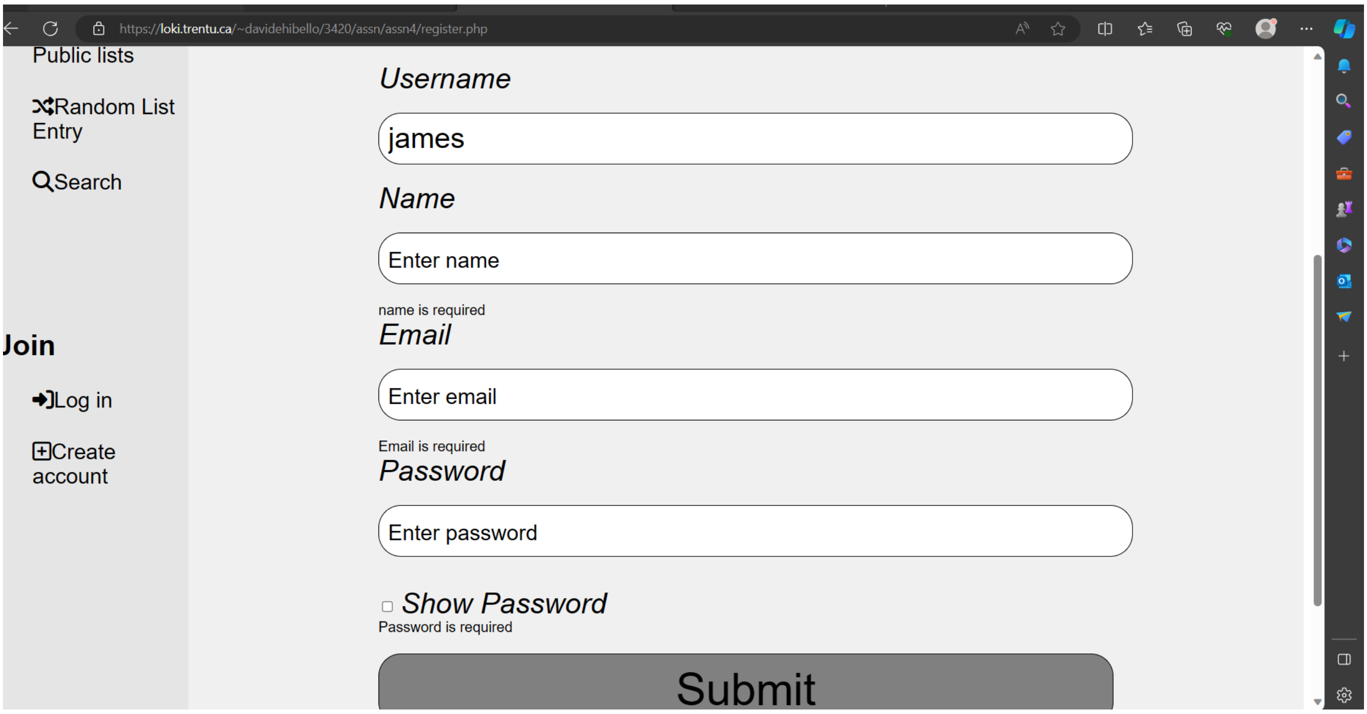
□ Show Password

Password is required

Submit

Remember me: ☑

CROSS BROWSER TESTING



https://loki.trentu.ca/~davidehibello/3420/assn/assn4/register.php
Public lists
Random List Entry
Search
Join
Log in
Create account

Username

james

Name

Enter name

name is required

Email

Enter email

Email is required

Password

Enter password

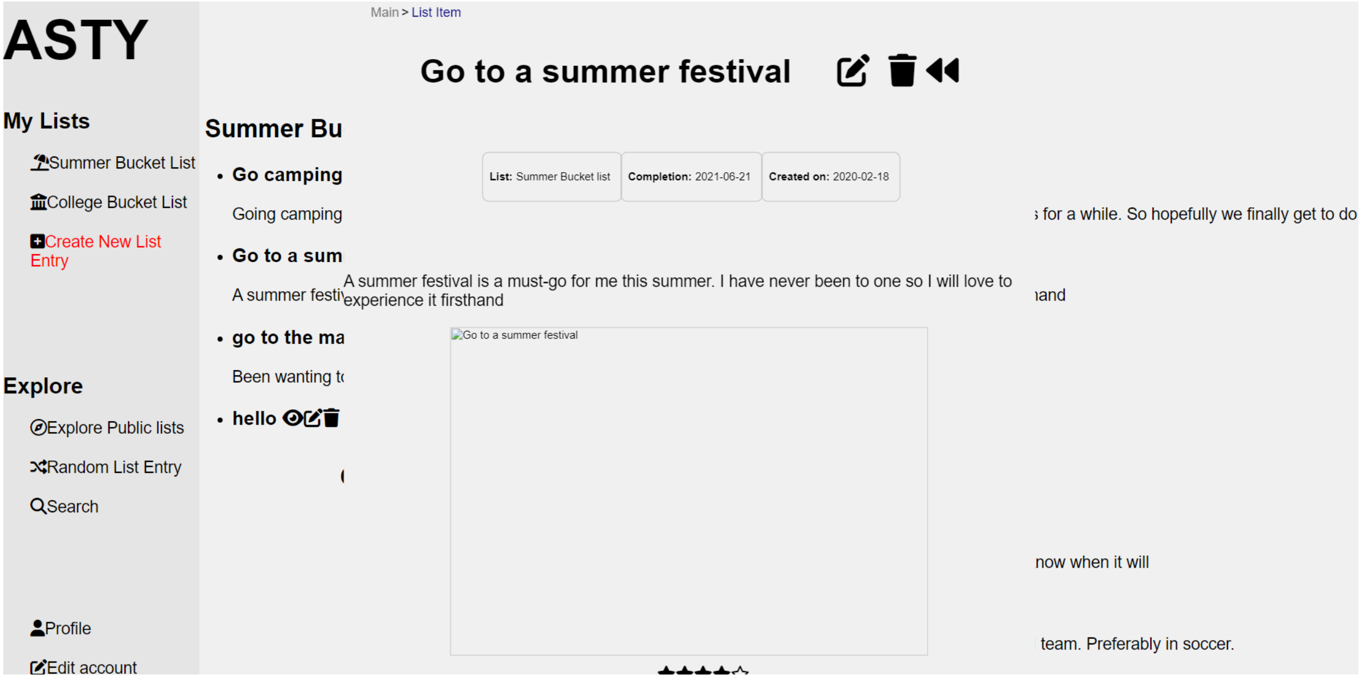
□ Show Password

Password is required

Submit

VALIDATION FOR Edit list item form

VIEW ITEM PAGE IN modal window



Main > List Item

ASTY

Go to a summer festival

My Lists

Summer Bucket List

College Bucket List

Create New List Entry

Summer Bu

- Go camping

Going camping

- Go to a sum

A summer festi

- go to the ma

Been wanting t

- hello

List: Summer Bucket list | Completion: 2021-06-21 | Created on: 2020-02-18

for a while. So hopefully we finally get to do

A summer festival is a must-go for me this summer. I have never been to one so I will love to experience it firsthand

Go to a summer festival

Explore

Explore Public lists

Random List Entry

Search

now when it will

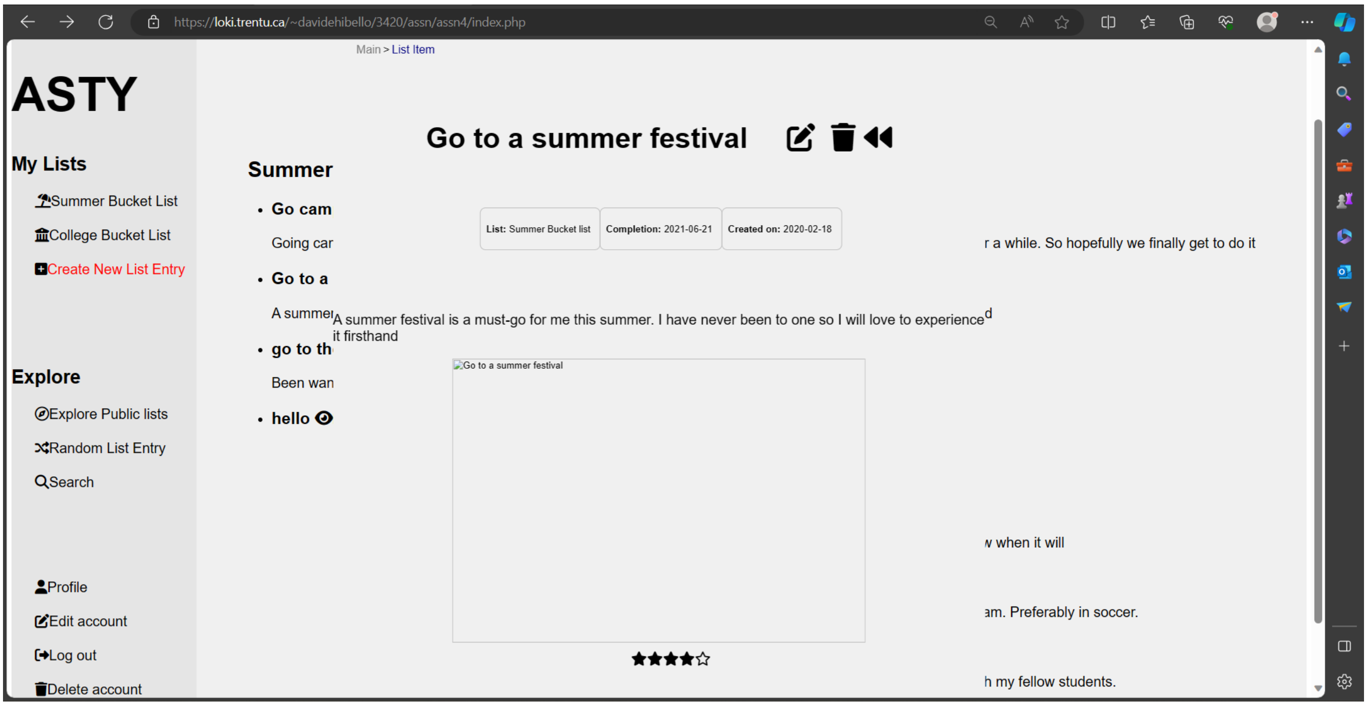
Profile

Edit account

team. Preferably in soccer.

★★★★☆

CROSS BROWSER TESTING



https://loki.trentu.ca/~davidehibello/3420/assn/assn4/index.php

Main > List Item

ASTY

Go to a summer festival

My Lists

Summer Bucket List

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Create New List Entry

Summer

- Go cam

Going car

- Go to a

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- go to th

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Explore

Explore Public lists

Random List Entry

Search

w when it will

Profile

Edit account

Log out

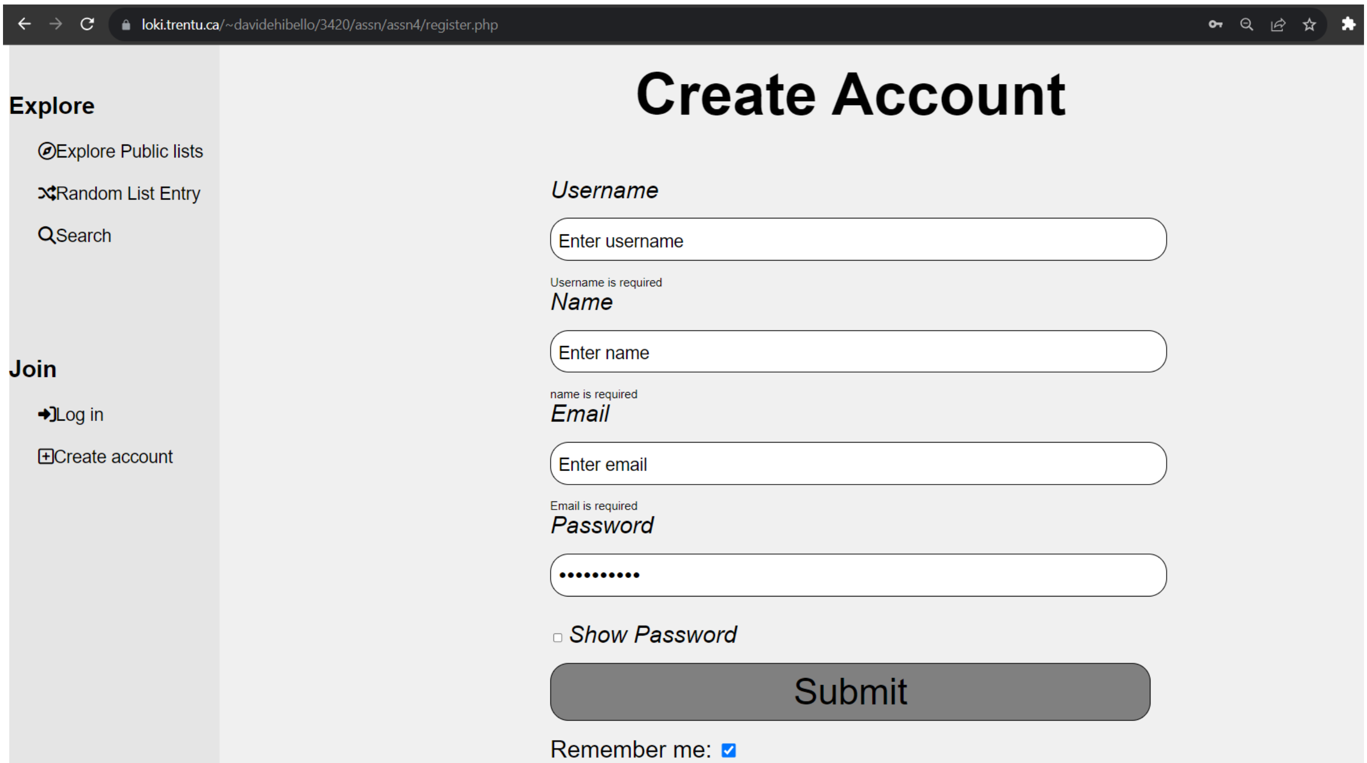
Delete account

am. Preferably in soccer.

★★★★☆

h my fellow students.

Incorporation of a "show password" which makes the password field temporarily visible



Explore

- Explore Public lists
- Random List Entry
- Search

Join

- Log in
- Create account

Create Account

Username

Enter username

Username is required

Name

Enter name

name is required

Email

Enter email

Email is required

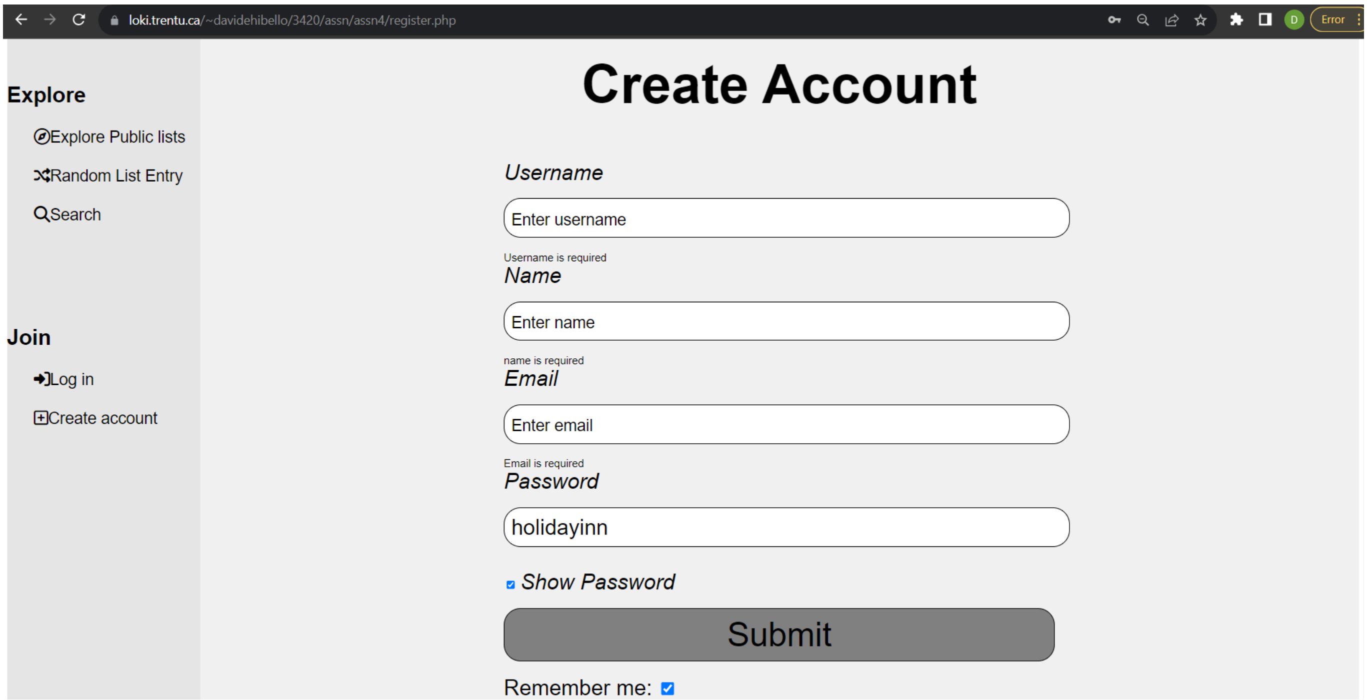
Password

••••••••••

□ Show Password

Submit

Remember me: ☑



Explore

- Explore Public lists
- Random List Entry
- Search

Join

- Log in
- Create account

Create Account

Username

Enter username

Username is required

Name

Enter name

name is required

Email

Enter email

Email is required

Password

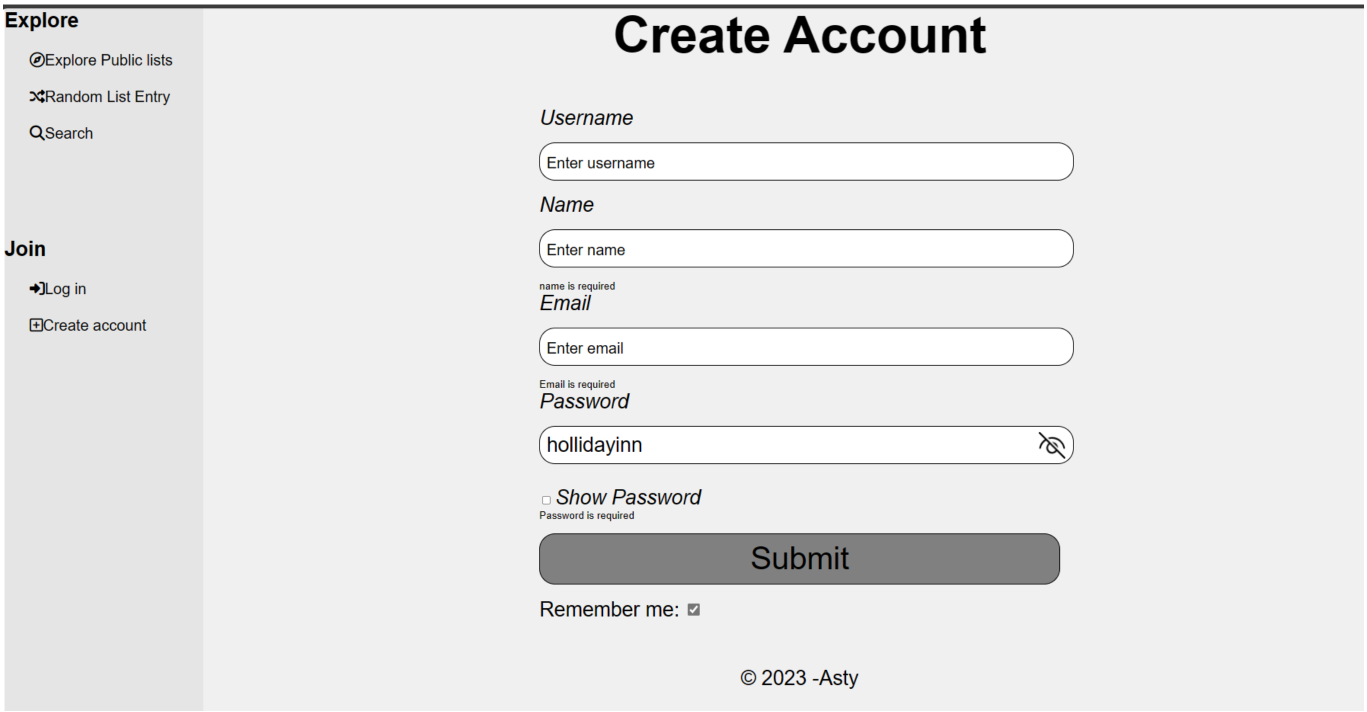
holidayinn

☑ Show Password

Submit

Remember me: ☑

CROSS BROWSER TESTING



Explore

Explore Public lists

Random List Entry

Search

Join

Log in

Create account

Create Account

Username

Enter username

Name

Enter name

name is required

Email

Enter email

Email is required

Password

hollidayinn

□ Show Password

Password is required

Submit

Remember me: ☑

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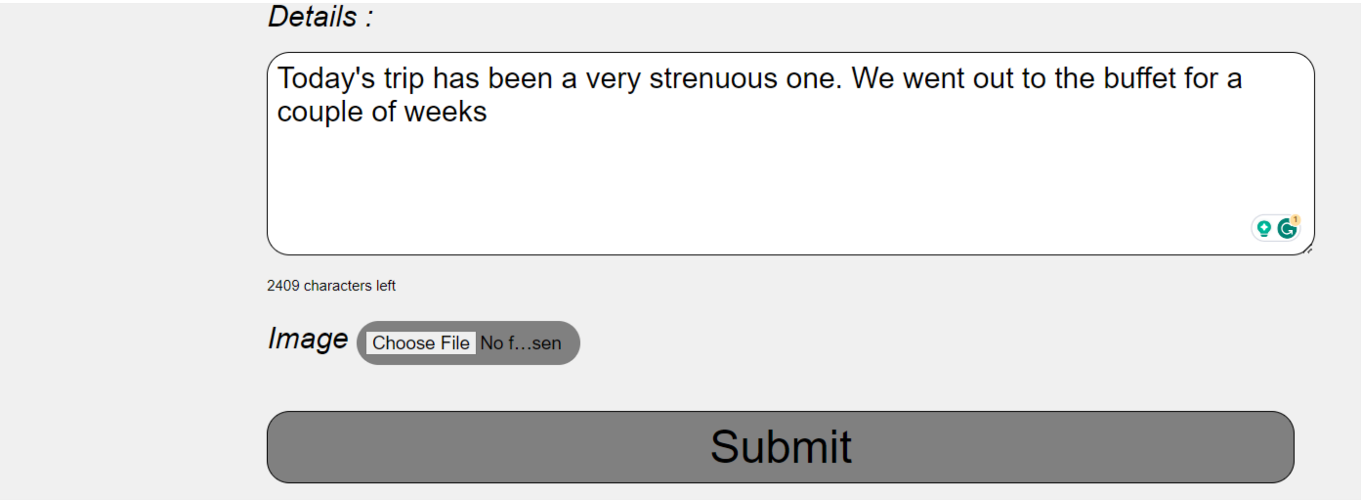
Limitation of details feild to 2500 characters



Details :

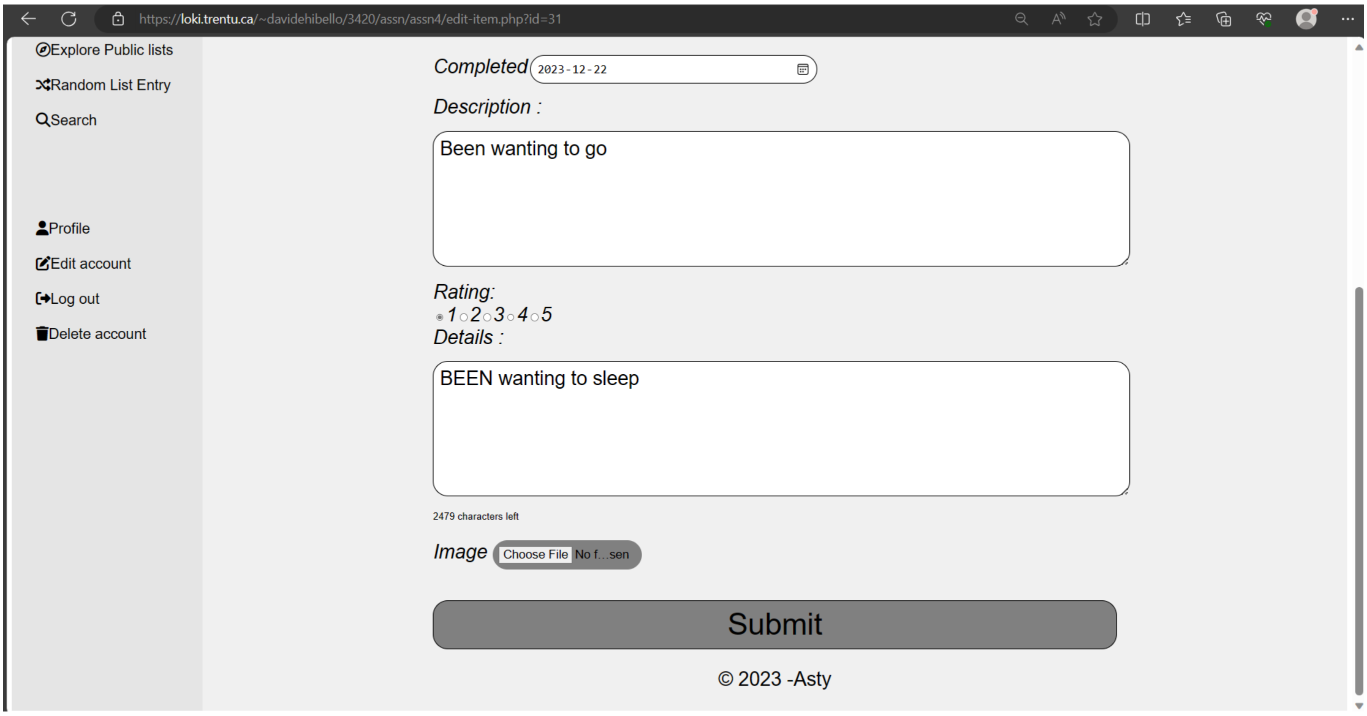
Today's trip has been a very strenuous one. We went out to the buffet for a couple of weeks

2409 characters left

Image Choose File No f...sen

Submit

CROSS BROWSER TESTING



https://loki.trentu.ca/~davidehibello/3420/assn/assn4/edit-item.php?id=31

Completed 2023-12-22

Description :

Been wanting to go

Rating:
● 1 ○ 2 ○ 3 ○ 4 ○ 5

Details :

BEEN wanting to sleep

2479 characters left

Image Choose File No f...sen

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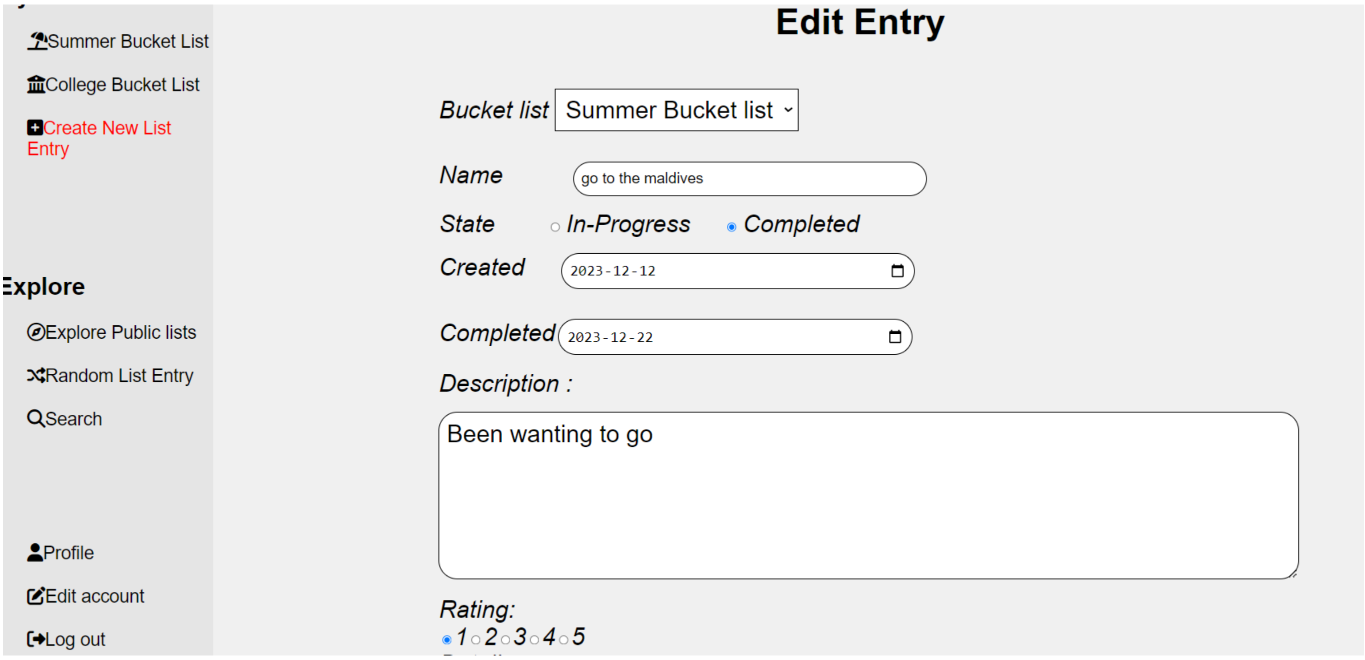
Bucket list Items using star ratings



Summer Bucket List

College Bucket List

Create New List Entry

Explore

Explore Public lists

Random List Entry

Search

Profile

Edit account

Log out

Edit Entry

Bucket list Summer Bucket list

Name go to the maldives

State ○ *In-Progress* ● *Completed*

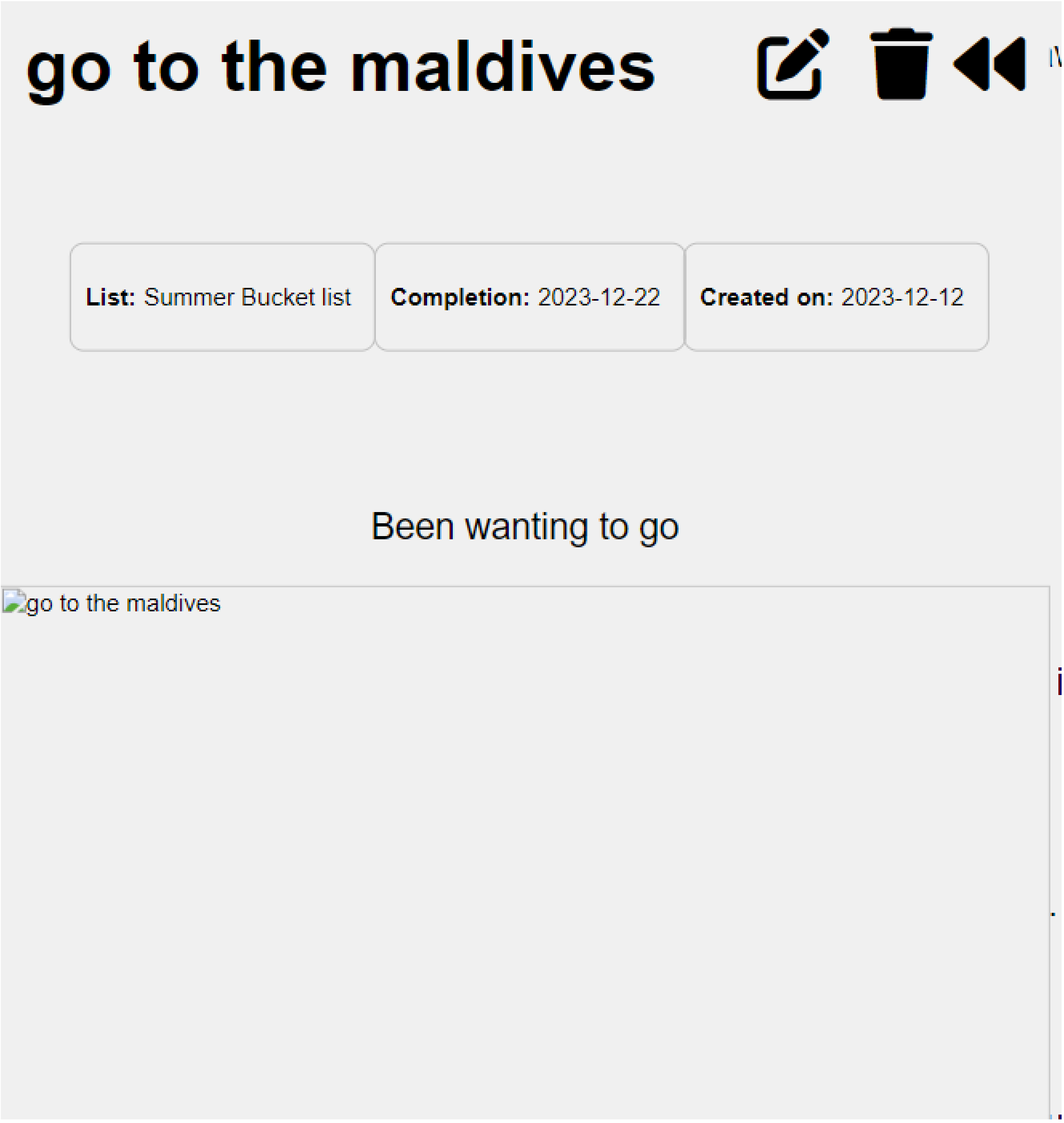
Created 2023-12-12

Completed 2023-12-22

Description :

Been wanting to go

Rating:
● *1* ○ *2* ○ *3* ○ *4* ○ *5*



go to the maldives

List: Summer Bucket list

Completion: 2023-12-22

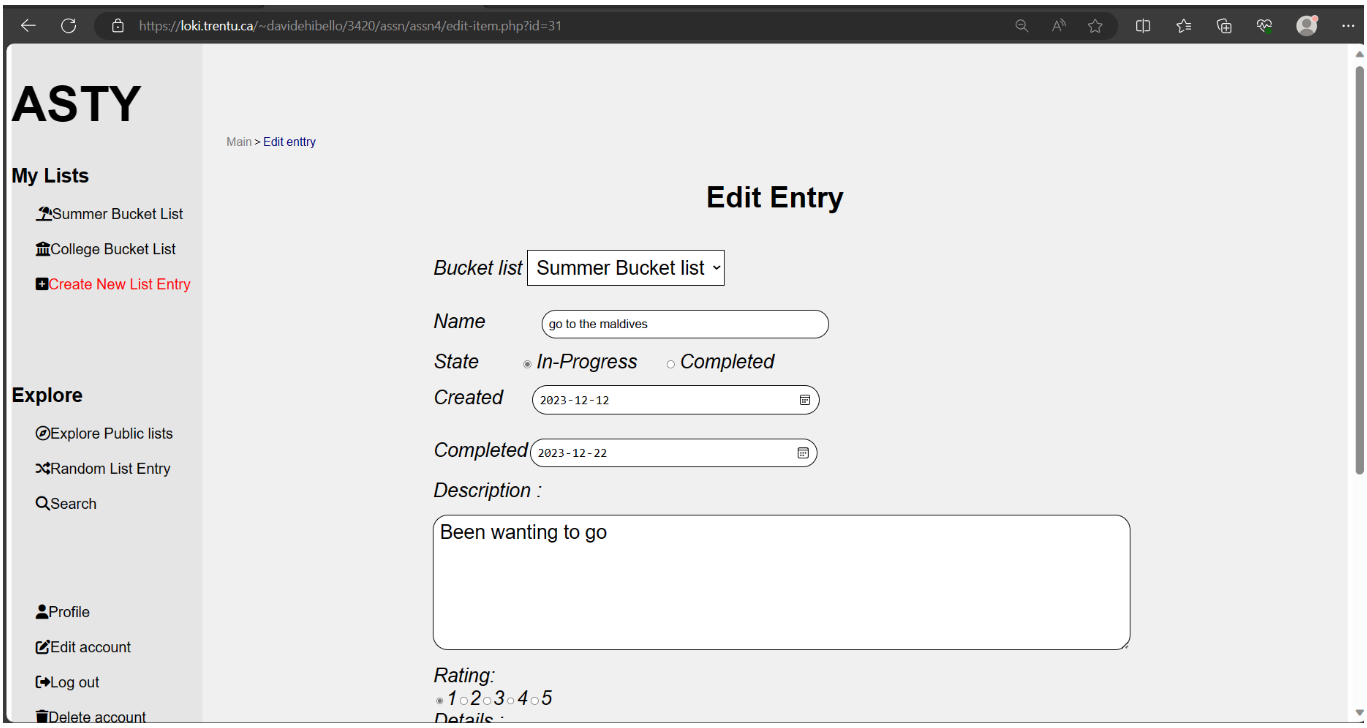
Created on: 2023-12-12

Been wanting to go

go to the maldives

★☆☆☆☆

CROSS BROWSER TESTING



https://loki.trentu.ca/~davidehibello/3420/assn/assn4/edit-item.php?id=31

ASTY

My Lists

- Summer Bucket List
- College Bucket List
- Create New List Entry

Explore

- Explore Public lists
- Random List Entry
- Search
- Profile
- Edit account
- Log out
- Delete account

Main > Edit enttry

Edit Entry

Bucket list Summer Bucket list

Name go to the maldives

State ● *In-Progress* ○ *Completed*

Created 2023-12-12

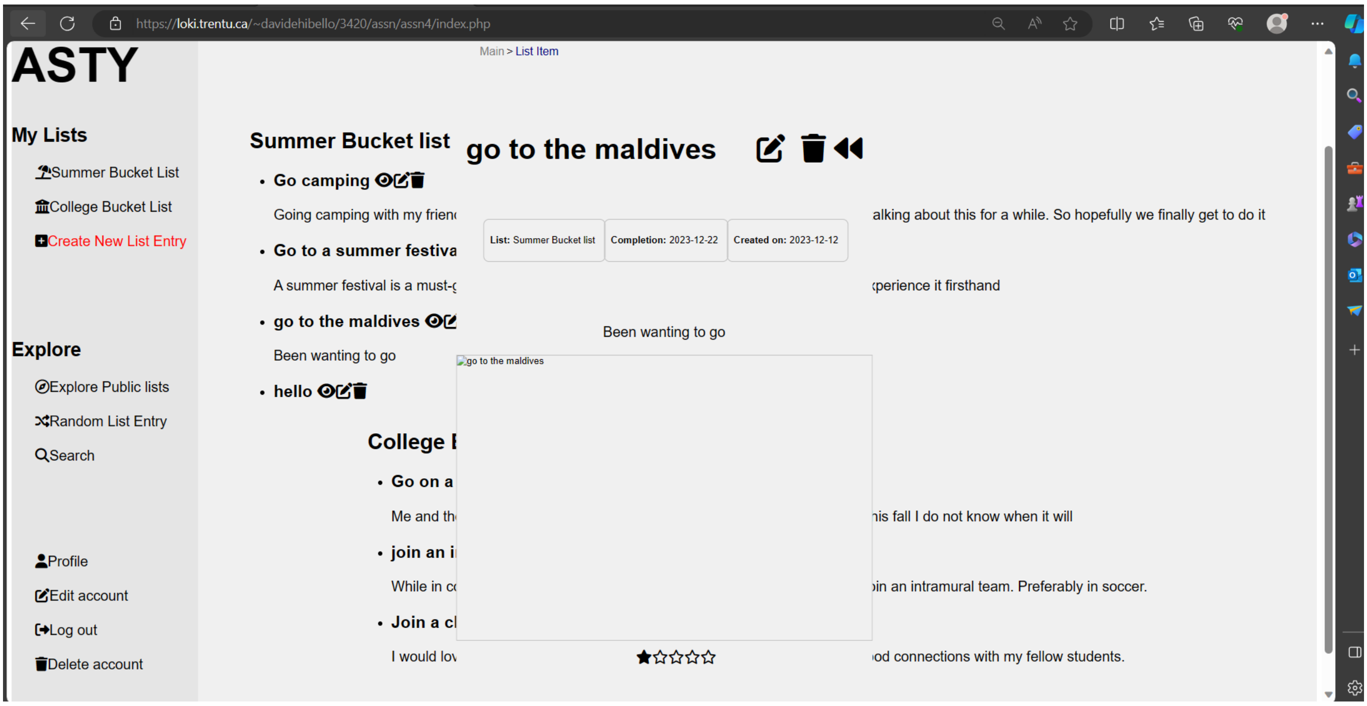
Completed 2023-12-22

Description :

Been wanting to go

Rating:
● *1* ○ *2* ○ *3* ○ *4* ○ *5*

Details :



https://loki.trentu.ca/~davidehibello/3420/assn/assn4/index.php

ASTY

My Lists

- Summer Bucket List
- College Bucket List
- Create New List Entry

Explore

- Explore Public lists
- Random List Entry
- Search
- Profile
- Edit account
- Log out
- Delete account

Main > List Item

Summer Bucket list

- **Go camping**
  Going camping with my frien… alking about this for a while. So hopefully we finally get to do it
- **Go to a summer festiva**
  A summer festival is a must-… xperience it firsthand
- **go to the maldives**
  Been wanting to go
- **hello**

College I

- **Go on a**
  Me and th… his fall I do not know when it will
- **join an i**
  While in c… oin an intramural team. Preferably in soccer.
- **Join a cl**
  I would lov… od connections with my fellow students.

go to the maldives

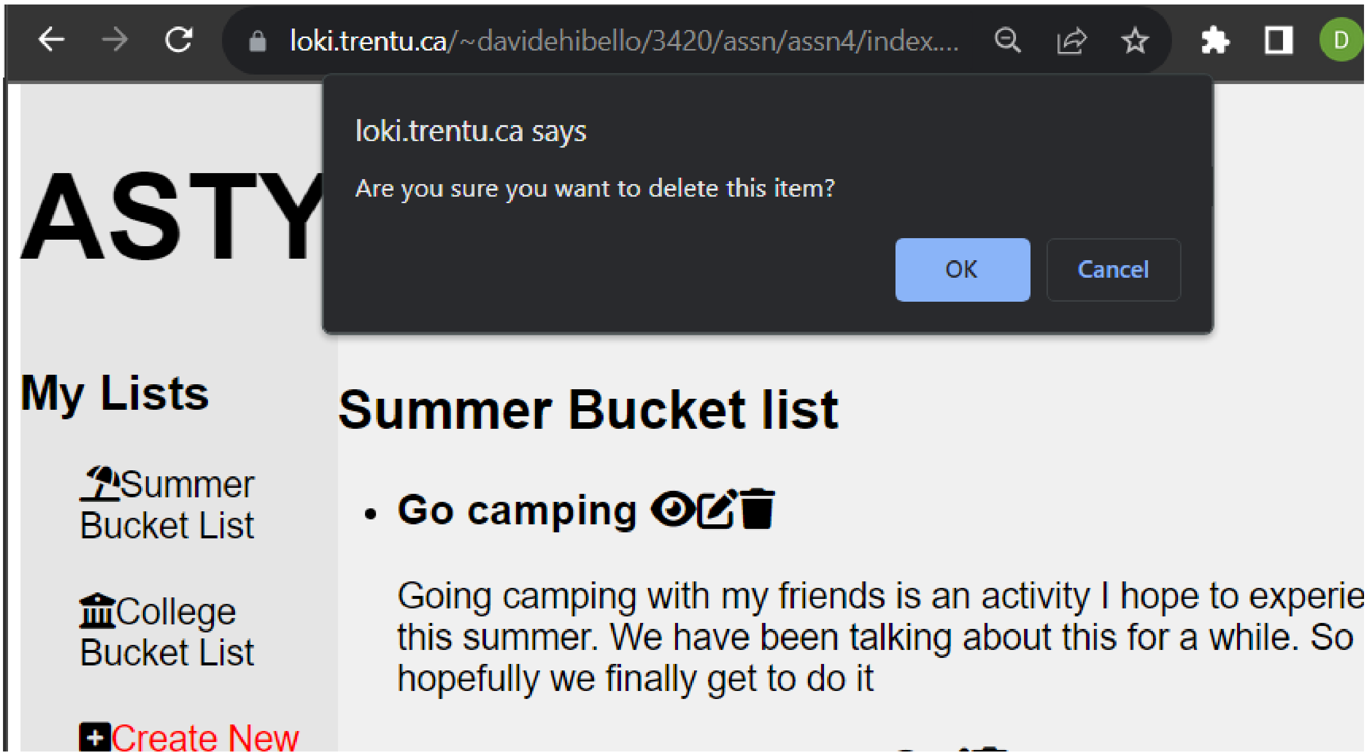
List: Summer Bucket list	Completion: 2023-12-22	Created on: 2023-12-12

Been wanting to go

go to the maldives

★☆☆☆☆

received JS-driven confirmation dialog (delete/cancel) when a user attempts to delete a list



loki.trentu.ca says

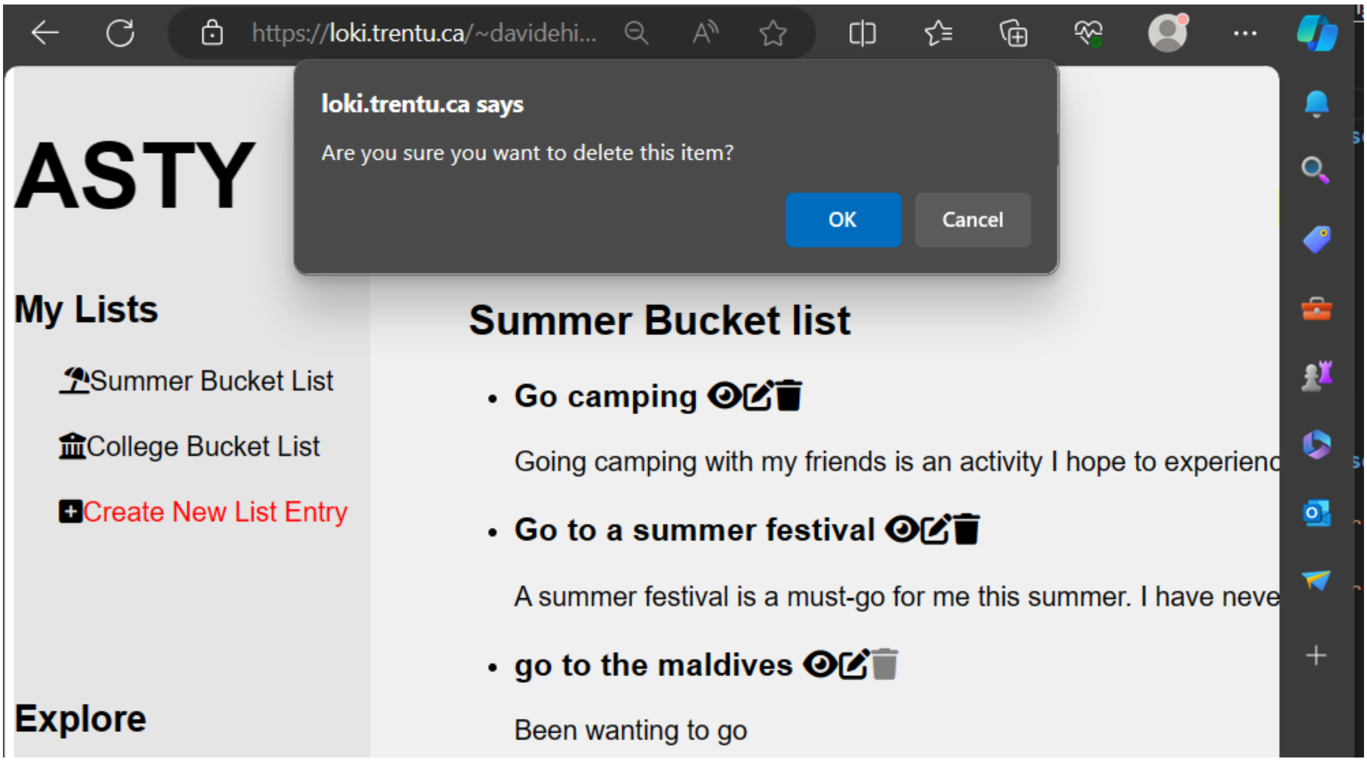
Are you sure you want to delete this item?

Summer Bucket list

- Go camping

Going camping with my friends is an activity I hope to experie this summer. We have been talking about this for a while. So hopefully we finally get to do it

CROSS BROWSER TESTING



loki.trentu.ca says

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Summer Bucket list

- Go camping

Going camping with my friends is an activity I hope to experienc

- Go to a summer festival

A summer festival is a must-go for me this summer. I have neve

- go to the maldives

Been wanting to go

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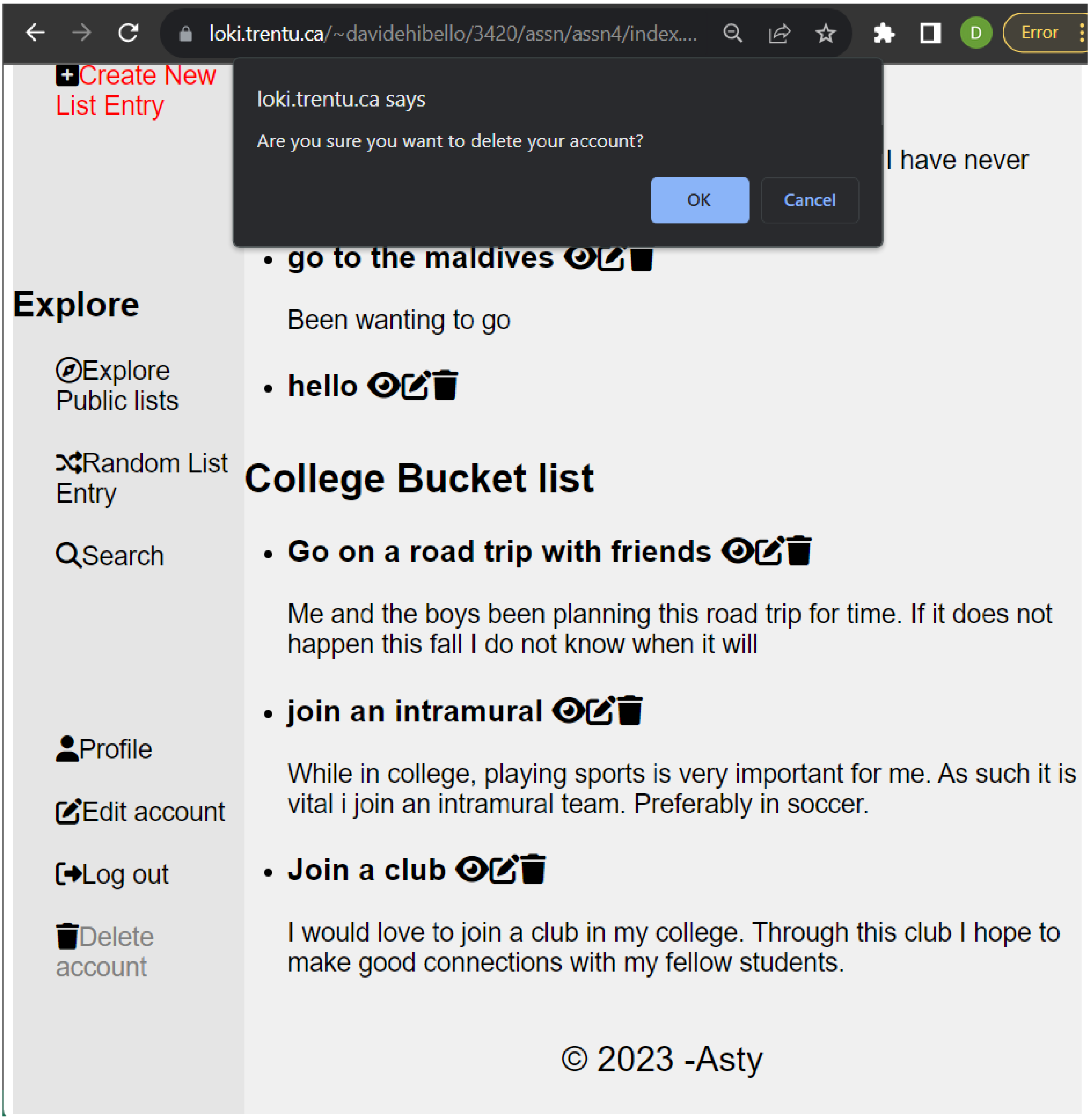

loki.trentu.ca/~davidehibello/3420/assn/assn4/index....

loki.trentu.ca says

Are you sure you want to delete your account?

Create New List Entry

I have never

- **go to the maldives**

  Been wanting to go

- **hello**

Explore

Explore Public lists

Random List Entry

Search

Profile

Edit account

Log out

Delete account

College Bucket list

- **Go on a road trip with friends**

  Me and the boys been planning this road trip for time. If it does not happen this fall I do not know when it will

- **join an intramural**

  While in college, playing sports is very important for me. As such it is vital i join an intramural team. Preferably in soccer.

- **Join a club**

  I would love to join a club in my college. Through this club I hope to make good connections with my fellow students.

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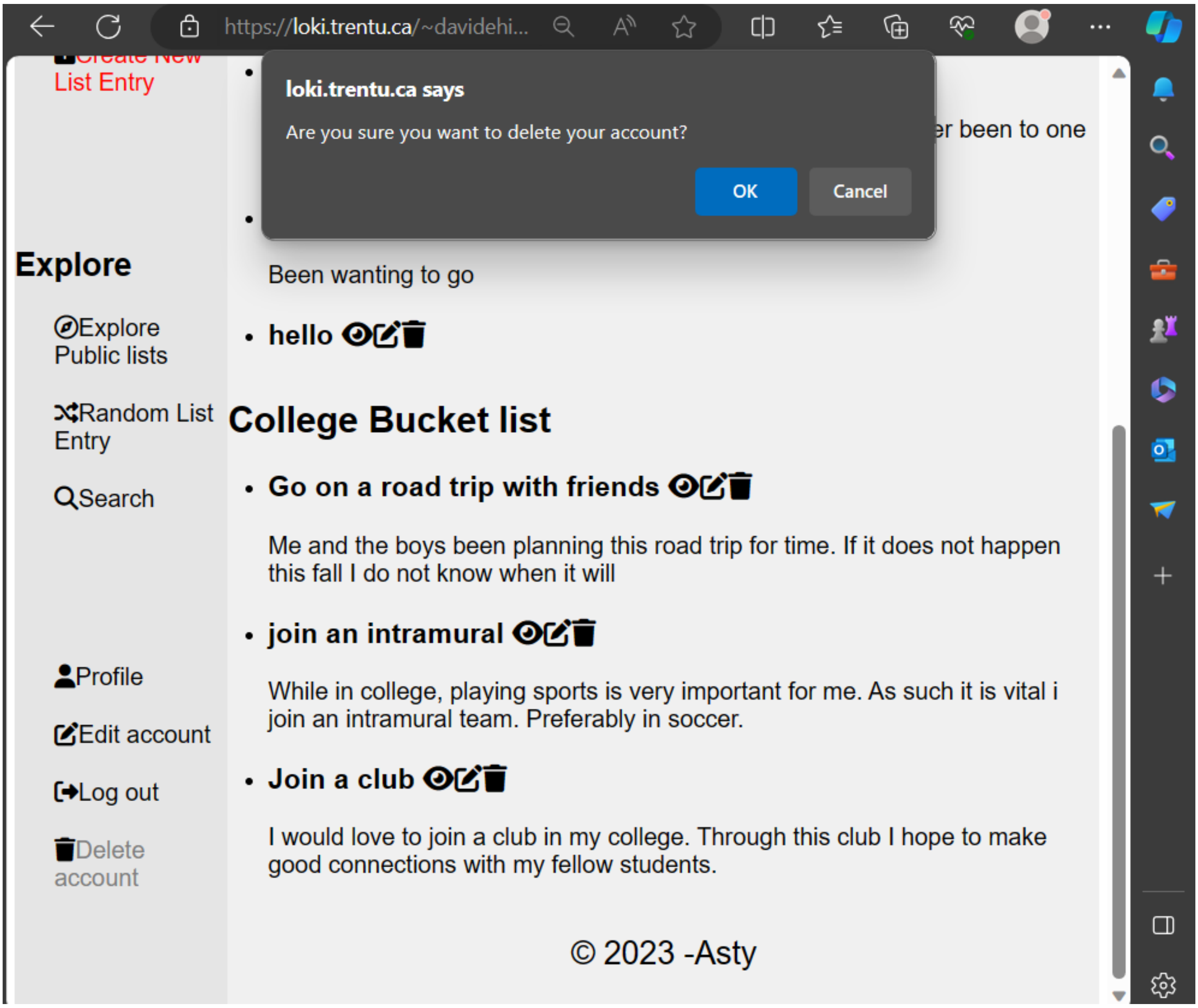
CROSS BROWSER TESTING



loki.trentu.ca says

Are you sure you want to delete your account?

Create New List Entry

Explore

- Explore Public lists
- Random List Entry
- Search
- Profile
- Edit account
- Log out
- Delete account

- ...er been to one

- Been wanting to go

- **hello**

College Bucket list

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