3420 Assignment #4 - Fall 2023

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Live Loki link(s): https://loki.trentu.ca/~demiimran/3420/assn/assn4/

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
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.

Javascript

```javascript
"use strict";

// constant fucntion to verify emails.
const checkEmail = str => /^[^\s@]+@[^\s@]+\.[^\s@]+$/.test(str);

// validation.js content
document.addEventListener('DOMContentLoaded', function () {

  // Register form validation
  const registerForm = document.getElementById('register-form');
  if (registerForm) {

    // input and error declaration
    const nameInput = document.getElementById('name');
    const nameError = nameInput.nextElementSibling;

    const genderSelect = document.getElementById('gender');
    const genderError = genderSelect.nextElementSibling;

    const userInput = document.getElementById('username');
    const userError = userInput.nextElementSibling;

    const emailInput = document.getElementById('email');
    const emailError = emailInput.nextElementSibling;

    const passwordInput = document.getElementById('password');
    const passwordError = passwordInput.nextElementSibling;

    const cpassInput = document.getElementById('confirm_password');
    const cpassError = cpassInput.nextElementSibling;

    const titleInput = document.getElementById('title');
    const titleError = titleInput.nextElementSibling;

    const descInput = document.getElementById('description');
    const descError = descInput.nextElementSibling;

    registerForm.addEventListener("submit", (ev) => {
      let errors = false;
      // If validation fails, prevent form submission with ev.preventDefault()

      if (nameInput.value !== "") {
        nameError.classList.add('hidden');
      } else {
        nameError.classList.remove('hidden');
        errors = true;
      }

      // check if there was nothing selected in the dropdown and handle
appropriately
      if (genderSelect.value != 0) {
        genderError.classList.add('hidden');
      } else {
```

```javascript
        genderError.classList.remove('hidden');
        errors = true;
      }

      if (userInput.value !== "") {
        userError.classList.add('hidden');
      } else {
        userError.classList.remove('hidden');
        errors = true;
      }

      // check if email is valid and handle appropriately
      if (checkEmail(emailInput.value)) {
        emailError.classList.add('hidden');
      } else {
        emailError.classList.remove('hidden');
        errors = true;
      }

      if (passwordInput.value !== "") {
        passwordError.classList.add('hidden');
      } else {
        passwordError.classList.remove('hidden');
        errors = true;
      }

      if (cpassInput.value == passwordInput.value) {
        cpassError.classList.add('hidden');
      } else {
        cpassError.classList.remove('hidden');
        errors = true;
      }

      if (titleInput.value !== "") {
        titleError.classList.add('hidden');
      } else {
        titleError.classList.remove('hidden');
        errors = true;
      }

      if (descInput.value !== "") {
        descError.classList.add('hidden');
      } else {
        descError.classList.remove('hidden');
        errors = true;
      }

        // IF THERE ARE ERRORS, PREVENT FORM SUBMISSION
        if (errors)
        ev.preventDefault();
    });
  }
});
```

```javascript
// validation.js content
document.addEventListener('DOMContentLoaded', function () {
  // Edit item form validation
  const editItemForm = document.getElementById('edit-form');
  if (editItemForm) {
    // input and error declaration
    const titleInput = document.getElementById('title');
    const titleError = titleInput.nextElementSibling;

    const descInput = document.getElementById('description');
    const descError = descInput.nextElementSibling;

    const statusButtons = Array.from(document.getElementsByName('status'));
    const statusError = statusButtons[2].closest('div').nextElementSibling;

    const detailsInput = document.getElementById('details');
    const detailsError = detailsInput.nextElementSibling;

    const proofInput = document.getElementById('proof');
    const proofError = proofInput.nextElementSibling;

    editItemForm.addEventListener("submit", (ev) => {
      let errors = false;
      // if validation fails prevent form submission

      if (titleInput.value !== "") {
        titleError.classList.add('hidden');
      } else {
        titleError.classList.remove('hidden');
        errors = true;
      }

      if (descInput.value !== "") {
        descError.classList.add('hidden');
      } else {
        descError.classList.remove('hidden');
        errors = true;
      }

      if (statusButtons.some(button => button.checked)) {
        statusError.classList.add('hidden');
      } else {
        statusError.classList.remove('hidden');
        errors = true;
      }

      if (detailsInput.value !== "") {
        detailsError.classList.add('hidden');
      } else {
        detailsError.classList.remove('hidden');
        errors = true;
      }
```

```javascript
    if (proofInput.files.length != 0) {
      proofError.classList.add('hidden');
    } else {
      proofError.classList.remove('hidden');
      errors = true;
    }

      // IF THERE ARE ERRORS, PREVENT FORM SUBMISSION
      if (errors)
      ev.preventDefault();
  });
}
  // Get the modal
  var modal = document.getElementById("myModal");

  // Get the button that opens the modal
  var listLink = document.getElementById("preview");

  // Get the <span> element that closes the modal
  var span = document.getElementsByClassName("close")[0];

  // When the user clicks on the button, open the modal
  listLink.addEventListener('click', showModalPopUp);

  function showModalPopUp() {
    $('#myModal').modal('show');
    var options = {
      url: listLink.dataset.content, //Set the url of the page
      title: 'View Item', //Set the title for the pop up
      allowMaximize: false,
      showClose: true,
    width: 600,
    height: 400
  };

  //Invoke the modal dialog by passing in the options array variable
  SP.SOD.execute('sp.ui.dialog.js', 'SP.UI.ModalDialog.showModalDialog',
options);
  }

  // When the user clicks on <span> (x), close the modal
  span.onclick = function() {
    modal.style.display = "none";
  }

  // When the user clicks anywhere outside of the modal, close it
  window.onclick = function(event) {
    if (event.target == modal) {
      modal.style.display = "none";
    }
  }
  const copyLinkBtn = document.getElementById('copyLinkBtn');

  if (copyLinkBtn) {
```

```javascript
        copyLinkBtn.addEventListener('click', function () {
          const listItem = this.closest('li');
          const listLink = listItem.querySelector('a');
          const publicListLink = window.location.origin + '/view-item.php?id=' +
encodeURIComponent(list_id); // Replace listId with the actual list ID
          copyToClipboard(publicListLink);
          alert('Public list link copied to clipboard!');
        });
      }

      function copyToClipboard(text) {
        const textarea = document.createElement('textarea');
        textarea.value = text;
        document.body.appendChild(textarea);
        textarea.select();
        document.execCommand('copy');
        document.body.removeChild(textarea);
      }


      function Toggle() {
        let temp = document.getElementById("password");

        if (temp.type === "password") {
          temp.type = "text";
        } else {
          temp.type = "password";
        }
      }

    });
```

Login.php

```php
<!--PHP section-->
<?php
require './includes/library.php';
session_start(); // Start the session

// Check if the user is already logged in, if so, redirect to the Main Page
if (isset($_SESSION['username'])) {
    header("Location: index.php");
    exit();
}

// Check if a cookie exists, if yes, pre-populate the username box
if (isset($_COOKIE['remember_me'])) {
    $prepopulatedUsername = $_COOKIE['remember_me'];
} else {
    $prepopulatedUsername = '';
```

```php
  }

  // Check if the form is submitted
  if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $pdo = connectDB();
    $username = $_POST['username'];
    $password = $_POST['password'];

    // Sanitize all text inputs
    $username= htmlspecialchars($username);
    $password= htmlspecialchars($password);

    $rememberMe = isset($_POST['remember_me']) ? $_POST['remember_me'] : false;

    // Fetch user data from the database
    $stmt = $pdo->prepare("SELECT id, password FROM 3420_assg_users WHERE username =
?");
    $stmt->execute([$username]);
    $userData = $stmt->fetch();

    // Verify password
    if ($userData && password_verify($password, $userData['password'])) {
        // Password is correct, start a new session
        session_start();

        // Store user data in session variables
        $_SESSION['username'] = $username;
        $_SESSION['user_id'] = $userData['id'];

        // Create a cookie if "remember me" is checked
        if ($rememberMe) {
            setcookie('remember_me', $username, time() + (86400 * 30), "/"); // 30
days
        } else {
            // If "remember me" is not checked, clear the cookie
            setcookie('remember_me', '', time() - 3600, "/");
        }

        // Redirect to the Main Page
        header("Location: index.php");
        exit();
    } else {
        $error_message = "Invalid username or password";
    }
  }
  ?>

  <!DOCTYPE html>
  <html lang="en">
    <head>
      <meta charset="UTF-8">
      <meta name="viewport" content="width=device-width, initial-scale=1.0">
      <script
        src="https://kit.fontawesome.com/05ad49203b.js"
```

```
        crossorigin="anonymous"
    ></script>
    <title>Login</title>
    <!-- include javascript and css-->
    <link rel="stylesheet" href="styles/main.css">
    <script defer src="js/scripts.js"></script>
  </head>
  <body>
    <header>
      <!--This will be the main heading of the page so users know what page
they're on-->
      <h1>Login</h1>

      <?php include './includes/nav.php' ?>
    </header>
    <main>
    <?php
      if (isset($error_message)) {
          echo "<p>$error_message</p>";
      }
      ?>
      No account? You can <a href="register.php">sign up now!</a>
      <form id="login-form" action="login.php" method="post" class="login">
        <fieldset>
          <legend>Login Information</legend>
          <div>
            <label for="username">Username:</label>
            <input
              type="text"
              id="username"
              name="username"
              maxlength="32"
              placeholder="ex. JohnDoe123"
              required
            >
          </div>
          <div>
            <label for="password">Password:</label>
            <input type="password" id="password" name="password" required>
            <input type="checkbox" id="showPassword" onclick="Toggle()"> <!-- Use
the provided function to toggle password visibility -->
            <label for="showPassword">Show Password</label>
          </div>
          <script>function Toggle() {
    let temp = document.getElementById("password");

    if (temp.type === "password") {
      temp.type = "text";
    } else {
      temp.type = "password";
    }
  }
  </script>
```

```
          <div>
            <label for="remember_me">Remember me:</label>
            <input type="checkbox" id="remember_me" name="remember_me">
          </div>
        </fieldset>
        <div>
          <a href="forgot.php">Forgot Password?</a>
        </div>
        <input type="submit" value="Login">
      </form>
    </main>
    <?php include './includes/footer.php' ?>
  </body>
</html>
```

Edit-item.php

```php
<?php
session_start(); // Start the session

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

$userid = $_SESSION['user_id'];
// declare error array
$errors = array();


// delcare defaults
$title           = $_POST['title'] ?? "";
$description      = $_POST['description'] ?? "";
$status          = $_POST['status'] ?? "";
$details         = $_POST['details'] ?? "";
$proof           = $_FILES['proof'] ?? null;
$rating          = $_POST['rating'] ?? "50";
$comp_date       = $_POST['completionDate'] ?? "";
$public          = $_POST['public_view'] ?? 'Public';
$oldfile         = false;



//Include library and connect to DB
require './includes/library.php';

$pdo = connectDB();
```

```php
$check = "SELECT user_id FROM 3420_assg_lists WHERE list_id = ?";
$checkownership = $pdo->prepare($check);
$checkownership->execute([$list_id]);
$result = $checkownership->fetch(PDO::FETCH_ASSOC);
if ($result['user_id'] != $userid){
  header("Location: index.php");
}
$getdata = "SELECT * FROM 3420_assg_lists WHERE list_id = ?";
$userdata= $pdo->prepare($getdata);
$userdata->execute([$list_id]);
$formdata = $userdata->fetch(PDO::FETCH_ASSOC);

if (isset($_POST['submit'])) {

    // Sanitize all text inputs
    $title= htmlspecialchars($title);
    $description= htmlspecialchars($description);
    $details= htmlspecialchars($details);
/*
 if (strlen($title) == 0) {
   $errors['title'] = true;
  }
  if (strlen($description) == 0) {
    $errors['description'] = true;
  }
  $valid_status = ["o", "p", "c"];
  if (!in_array($status, $valid_status)) {
    $errors['status'] = true;
  }
  if (strlen($details) === 0) {
    $errors['details'] = true;
  }
  if (isset($formdata['image_url']) && !isset($_FILES["proof"])){
    $oldfile = true;
  }
  else{
    $allowed_image_extension = array(
        "png",
        "jpg",
        "jpeg"
    );

    //Set Variables for File Upload
    $file_extension = pathinfo($_FILES["proof"]["name"], PATHINFO_EXTENSION);
    $maxsize    = 1500000;
    $path = WEBROOT."www_data/";
    $fileroot = "ListImage";

  if (!isset($formdata['image_url'])) //Removes the file check if there is already
one in the directory!
  {

    // Validate file input to check if is not empty
    if (!file_exists($_FILES["proof"]["tmp_name"])) {
```

```php
            $errors['proof'] = true;
        }     // Validate file input to check if is with valid extension
        else if (!in_array($file_extension, $allowed_image_extension)) {
            $errors['prooftype'] = true;
        }     // Validate image file size
        else if (($_FILES["proof"]["size"] >= $maxsize || ($_FILES["proof"]["size"] ==
0))) {
            $errors['proofsize'] = true;
        }
        elseif(is_uploaded_file($_FILES["proof"]['tmp_name'])){
            //get the original file name for extension, where 'fileToProcess' was
the name of the
            //file upload form element
            $filename = $_FILES["proof"]['name'];
            $exts = explode(".", $filename); // split based on period
            $ext = $exts[count($exts)-1]; //take the last split (contents after last
period)
            $filename = $fileroot.$list_id.".".$ext;  //build new filename
            $newname = $path.$filename; //add path the file name

            // delete previous file in folder (as ones with different extensions
would not be replaced)
            if(isset($formdata['image_url'])){
              $del_file = $path.$formdata['image_url'];
              array_map( "unlink", glob($del_file));
              }
            move_uploaded_file($_FILES['proof']['tmp_name'], $newname);
          }

    }
    else {
        //get the original file name for extension, where 'fileToProcess' was the
name of the
        //file upload form element
        $filename = $_FILES["proof"]['name'];

        // Get the old extension
        $oldexts = explode(".", $formdata['image_url']);
        $oldext = $oldexts[count($oldexts)-1];

        $exts = explode(".", $filename); // split based on period
        $ext = $exts[count($exts)-1]; //take the last split (contents after last
period)

        if (!empty($ext)){
        $filename = $fileroot.$list_id.".".$ext;  //build new filename
        $newname = $path.$filename; //add path to the file name
        echo "$filename";}
        else {
          $filename = $fileroot.$list_id.".".$oldext;  //build new filename
        $newname = $path.$filename; //add path to the file name
        echo "$filename";
        }
```

```php
          if(is_uploaded_file($_FILES["proof"]['tmp_name'])){
          // delete previous file in folder (as ones with different extensions would
    not be replaced)
            $del_file = $path.$formdata['image_url'];
            array_map( "unlink", glob($del_file));
            move_uploaded_file($_FILES['proof']['tmp_name'], $newname);
          }
      }
    }*/
        // If no errors, update database
        if (count($errors) === 0) {

        // Edit the list in Database`:
        if ($oldfile != true){
        if(empty($comp_date)){$comp_date = "0000:00:00";} // if statement to set a
    default for database
          $query = "UPDATE `3420_assg_lists` SET `title` = ?, `description` = ?,
    `status`= ?, `details`= ?, `image_url`= ?, `rating` = ?, `completion_date` = ?,
    `publicity` = ?
          WHERE `list_id` = ? AND `user_id` = ?";
          $edit_stmt = $pdo->prepare($query);
          $edit_stmt->execute([$title, $description, $status, $details, $filename,
    $rating, $comp_date, $public, $list_id, $userid]);}
          else{
            $query = "UPDATE `3420_assg_lists` SET `title` = ?, `description` = ?,
    `status`= ?, `details`= ?, `rating` = ?, `completion_date` = ?, `publicity` = ?
          WHERE `list_id` = ? AND `user_id` = ?";
          $edit_stmt = $pdo->prepare($query);
          $edit_stmt->execute([$title, $description, $status, $details, $rating,
    $comp_date, $public, $list_id, $userid]);
        }

        // Redirect:
        header("Location: edited.php?id=<?php echo $list_id; ?>");
        exit;
        }
      }

    ?>

    <!DOCTYPE html>
    <html lang="en">
      <head>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <script
          src="https://kit.fontawesome.com/05ad49203b.js"
          crossorigin="anonymous"
        ></script>
        <title>Edit Item</title>
        <!-- include javascript and css-->
        <link rel="stylesheet" href="styles/main.css">
        <script defer src="./scripts/main.js"></script>
      </head>
```

```html
    <body>
      <header>
        <!--This will be the main heading of the page so users know what page
they're on-->
        <h1>Edit Bucket List Items</h1>

        <?php include './includes/nav.php' ?>
      </header>
      <form id="edit-form" method="post" action="" enctype="multipart/form-data">
        <fieldset>
          <legend>List Info</legend>
          <div>
            <label for="title">Title:</label>
            <input type="text" id="title" name="title" value="<?php echo
$formdata["title"]; ?>">
            <span class="error <?= !isset($errors['title']) ? 'hidden' : '' ?
>">Please choose a Title</span>
          </div>
          <div>
          <label for="description">Description:</label>
            <textarea id="description" name="description" value="<?= $description ?
>"><?php echo $formdata["description"]; ?></textarea>
            <span class="error <?= !isset($errors['description']) ? 'hidden' : '' ?
>">Please choose a Description</span>
          </div>
        </fieldset>
        <fieldset>
          <legend>Status</legend>
          <div>
            <input type="radio" name="status" id="onhold" value="o"
            <?php if(isset($formdata["status"])){if($formdata["status"] == "o") echo
'checked';} ?>>
            <label for="onhold">On Hold</label>
          </div>
          <div>
            <input type="radio" name="status" id="progressing" value="p"
            <?php if(isset($formdata["status"])){if($formdata["status"] == "p") echo
'checked';} ?>>
            <label for="progressing">In Progress</label>
          </div>
          <div>
            <input type="radio" name="status" id="complete" value="c"
            <?php if(isset($formdata["status"])){if($formdata["status"] == "c") echo
'checked';} ?>>
            <label for="complete">Completed</label>
          </div>
          <span class="error <?= !isset($errors['status']) ? 'hidden' : '' ?
>">Please Choose List Status.</span>
        </fieldset>

        <fieldset>
          <legend>Validation</legend>
          <div>
            <label for="details">Details:</label>
```

```html
            <textarea id="details" name="details" value="<?= $details ?>"><?php echo
$formdata["details"]; ?></textarea>
            <span class="error <?= !isset($errors['details']) ? 'hidden' : '' ?
>">Please Describe Your Entry.</span>
          </div>
          <div>
            <label for="proof">Proof (Image upload):</label>
            <input type="file" id="proof" name="proof">
            <span class="error <?= !isset($errors['proof']) ? 'hidden' : '' ?
>">Please Upload Your File.</span>
            <span class="error <?= !isset($errors['prooferror']) ? 'hidden' : '' ?
>">Something Went Wrong With The Image.</span>
            <span class="error <?= !isset($errors['proofsize']) ? 'hidden' : '' ?
>">The File Is Too Large (Max 1.5MB).</span>
            <span class="error <?= !isset($errors['prooftype']) ? 'hidden' : '' ?
>">The File Is The Wrong Format (PNG, JPG, JPEG).</span>

            <?php
            $printpath = "/~$direx[2]/www_data/";
            if (isset($formdata['image_url'])) {?>
              <div><?php echo "Current File on The List:"; ?></div>
               <div>
                <img src="<?php echo $printpath . $formdata['image_url']?>"
height="300">
               </div>
                  <?php } ?>
          </div>

      </fieldset>
      <fieldset>
        <legend>Completed</legend>
        <div>
          <label for="rating">Score:</label>
          <input type="range" id="rating" name="rating" min="1" max="100" value="
<?php if(isset($formdata["rating"])){echo $formdata["rating"];} ?>">
          <output for="rating"></output>
          <?php echo $formdata["rating"]?>
        </div>
        <div>
          <label for="completionDate">Completion Date:</label>
          <input type="date" id="completionDate" name="completionDate" value="<?
php if(isset($formdata["completion_date"])){echo $formdata["completion_date"];} ?
>">
        </div>
      </fieldset>
      <fieldset>
        <legend>Options</legend>
      <div>
          <label for="public_view">Make List Public?:</label>
          <input type="hidden" id="public_view" name="public_view" value="Private"
<?php if($formdata["status"] == 'Private') echo 'checked'; ?>>
          <input type="checkbox" id="public_view" name="public_view"
value="Public"<?php if($formdata["status"] == 'Public') echo 'checked'; ?>>
        </div>
```

```
        </fieldset>
        <button id="submit" name="submit">Update</button>
      </form>
    </main>
    <?php include './includes/footer.php' ?>
  </body>

</html>
```

Register.php

```php
<?php

// declare error array
$errors = array();


// delcare defaults
$name              = $_POST['name'] ?? "";
$gender            = $_POST['gender'] ?? "";
$username          = $_POST['username'] ?? "";
$email             = $_POST['email'] ?? "";
$password          = $_POST['password'] ?? "";
$confirmPassword   = $_POST['confirm_password'] ?? "";
$title             = $_POST['title'] ?? "";
$description       = $_POST['description'] ?? "";
$public            = $_POST['public_view'] ?? 'Public';



//Include library and connect to DB
require './includes/library.php';

$pdo = connectDB();

//validate the form
if (isset($_POST['submit'])) {
  // Sanitize all text inputs
  $name              = htmlspecialchars($name);
  $gender            = htmlspecialchars($gender);
  $username          = htmlspecialchars($username);
  $email             = htmlspecialchars($email);
  $password          = htmlspecialchars($password);
  $confirmPassword   = htmlspecialchars($confirmPassword);
  $title             = htmlspecialchars($title);
  $description       = htmlspecialchars($description);

  //basic form validation
  if (strlen($name) == 0) {
    $errors['name'] = true;
  }
```

```php
    if (strlen($gender) == 0) {
      $errors['gender'] = true;
    }
    if (strlen($username) == 0) {
      $errors['username'] = true;
    }else {
      // Check if username is unique
      $query ="SELECT id FROM 3420_assg_users WHERE username = ?";
      $stmt = $pdo->prepare($query);
      $stmt->execute([$username]);

      if ($stmt->rowCount() > 0) {
        $errors['username'] = null;
        $errors['unique'] = true;
      }
    }
    if (filter_var($email, FILTER_VALIDATE_EMAIL) === false) {
      $errors['email'] = true;
    }
    if (strlen($password) == 0) {
      $errors['password'] = true;
    }
     // Validate password match
     if ($password !== $confirmPassword) {
      $errors['match'] = true;
    }
    if (strlen($title) == 0) {
      $errors['title'] = true;
    }
    if (strlen($description) == 0) {
      $errors['description'] = true;
    }


    if (count($errors) === 0) {

      // Hash the password
      $hashedPassword = password_hash($password, PASSWORD_DEFAULT);

      // Insert user data into the database
      $userquery = "INSERT INTO 3420_assg_users (`name`, `gender`, `username`,
`email`, `password`) VALUES (?, ?, ?, ?, ?)";
      $users_stmt = $pdo->prepare($userquery);
      $users_stmt->execute([$name, $gender, $username, $email, $hashedPassword]);

      $get_uid = "SELECT `id` FROM `3420_assg_users` WHERE
`3420_assg_users`.`username` = ?";
      $uid = $pdo->prepare($get_uid);
      $uid->execute([$username]);
      $result = $uid->fetch(PDO::FETCH_ASSOC);
      $userid = $result['id'];
      $listquery = "INSERT INTO 3420_assg_lists (`user_id`, `title`, `description`,
`publicity`) VALUES (?, ?, ?, ?)";
      $list_stmt = $pdo->prepare($listquery);
```

```php
        $list_stmt->execute([$userid, $title, $description, $public]);

        // Redirect to login page
        header("Location: login.php");
        exit();
    }
}
?>
```

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

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <script src="https://kit.fontawesome.com/05ad49203b.js" crossorigin="anonymous">
</script>
  <title>Register</title>
  <!-- include javascript and css-->
  <link rel="stylesheet" href="styles/main.css">
  <script defer src="./scripts/main.js"></script>
</head>

<body>
  <header>
    <!--This will be the main heading of the page so users know what page they're
on-->
    <h1>Create An Account</h1>

    <?php include './includes/nav.php' ?>
  </header>
  <main>
    <form id="register-form" method="post" action="">
      <fieldset>
        <legend>Account Information</legend>
        <div>
          <label for="name">Name:</label>
          <input type="text" id="name" name="name" value="<?= $name ?>">
          <span class="error <?= !isset($errors['name']) ? 'hidden' : '' ?
>">Please Enter a Name.</span>
        </div>
        <div>
          <label for="gender">Gender</label>
          <select name="gender" id="gender">
            <option value="">Please Choose One</option>
            <option value="male"<?php if($gender == "male") echo
"selected='selected'"; ?>>Male</option>
            <option value="female"<?php if($gender == "female") echo
"selected='selected'"; ?>>Female</option>
            <option value="gnc"<?php if($gender == "gnc") echo
"selected='selected'"; ?>>Gender Queer/Non-Conforming</option>
            <option value="notsay"<?php if($gender == "notsayy") echo
"selected='selected'"; ?>>Prefer not to say</option>
          </select>
```

```html
          <span class="error <?= !isset($errors['gender']) ? 'hidden' : '' ?
>">Please Choose a Gender.</span>
        </div>

        <div class="container">
          <label for="username">Username:</label>
          <input type="text" id="username" name="username" value="<?= $username ?
>" >
          <span class="error <?= !isset($errors['username']) ? 'hidden' : '' ?
>">Please Enter a Username.</span>
          <span class="error <?= !isset($errors['unique']) ? 'hidden' : '' ?
>">Invalid Username!</span>
        </div>
        <div>
          <label for="email">Email:</label>
          <input type="email" id="email" name="email" value="<?= $email ?>" >
          <span class="error <?= !isset($errors['email']) ? 'hidden' : '' ?
>">Enter a Valid Email.</span>
        </div>

        <div>
          <label for="password">Password:</label>
          <input type="password" id="password" name="password" value="<?=
$password ?>" >
          <span class="error <?= !isset($errors['password']) ? 'hidden' : '' ?
>">Please Enter a Password.</span>
        </div>
        <div>
          <label for="confirm_password">Confirm Password:</label>
          <input type="password" id="confirm_password" name="confirm_password"
value="<?= $confirmPassword ?>">
          <span class="error <?= !isset($errors['match']) ? 'hidden' : '' ?
>">Passwords Do Not Match.</span>
        </div>
      </fieldset>
      <fieldset>
        <legend>Create Your First List</legend>
        <div>
          <label for="title">Title:</label>
          <input type="text" id="title" name="title" value="<?= $title ?>">
          <span class="error <?= !isset($errors['title']) ? 'hidden' : '' ?
>">Please Choose a List Title.</span>
        </div>
        <div>
          <label for="description">Description:</label>
          <textarea id="description" name="description" ><?= $description ?>
</textarea>
          <span class="error <?= !isset($errors['description']) ? 'hidden' : '' ?
>">Please Describe Your List.</span>
        </div>
        <div>
          <label for="public_view">Make List Public?:</label>
          <input type="hidden" id="public_view" name="public_view"
value="Private">
```

```html
            <input type="checkbox" id="public_view" name="public_view"
value="Public" checked>
          </div>
        </fieldset>
        <button id="submit" name="submit">Register</button>
      </form>
    </main>
    <?php include './includes/footer.php' ?>
</body>

</html>
```

Index.php

```php
<?php
session_start(); // Start the session

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


// delcare defaults
$title          = $_POST['title'] ?? "";
$description    = $_POST['description'] ?? "";
$public         = $_POST['public_view'] ?? 'Public';



//Include library and connect to DB
require './includes/library.php';

$pdo = connectDB();
if (isset($_POST['submit'])) {
  if (strlen($title) == 0) {
    $errors['title'] = true;
  }
  if (strlen($description) == 0) {
    $errors['description'] = true;
  }

  if (count($errors) === 0) {
    // Sanitize all text inputs
    $title= htmlspecialchars($title);
    $description= htmlspecialchars($description);
```

```php
    $listquery = "INSERT INTO 3420_assg_lists (`user_id`, `title`, `description`,
`publicity`) VALUES (?, ?, ?, ?)";
    $list_stmt = $pdo->prepare($listquery);
    $list_stmt->execute([$userid, $title, $description, $public]);

    // refresh page
    header("Location: index.php");
    exit();
  }
}
?>

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

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <script src="https://kit.fontawesome.com/05ad49203b.js" crossorigin="anonymous">
</script>
  <title>Index</title>
  <!-- include javascript and css-->
  <link rel="stylesheet" href="styles/main.css">
  <script defer src="./scripts/main.js"></script>
</head>

<body>
  <header>
    <!--This will be the main heading of the page so users know what page they're
on-->
    <h1>Welcome to the Main Page</h1>

    <?php include './includes/nav.php' ?>
  </header>

  <main>
    <h2>My Lists</h2>
    <ul>
    <?php
            // Fetch and display user's lists from the database
            $varpub ="Public";
            $varpriv ="Private";
            $query = "SELECT list_id, user_id, title FROM 3420_assg_lists WHERE
publicity = ? OR user_id = ? AND publicity = ?";
            $stmt = $pdo->prepare($query);
            $stmt->execute([$varpub, $userid, $varpriv]);
            $user_lists = $stmt->fetchAll();

            foreach ($user_lists as $list) :
            ?>
      <li><a id="preview" href="#view-item.php?id=<?php echo $list["list_id"]; ?
>"><?= $list["title"] ?></a>
```

```php
        <?php if ($list["user_id"] == $userid) { ?>
          <a href="edit-item.php?id=<?php echo $list["list_id"]; ?>"><i class="fa-
  solid fa-pen-to-square"></i></a>
            <a href="delete-item.php?id=<?php echo $list["list_id"]; ?>"><i
  class="fa-solid fa-trash"></i></a>
          </button>
        <?php } ?>

              <!-- Modal -->
               <div class="modal fade" id="myModal" role="dialog">
                <div class="modal-dialog">

              <!-- Modal content-->
                <div class="modal-content">
                  <div class="modal-header">
                    <button type="button" class="close" data-dismiss="modal">&times;
  </button>
                    <h4 class="modal-title">Modal Header</h4>
                  </div>
                  <div class="modal-body">
                    <fieldset>
                      <div>
                        <label for="title">Title:</label>
                        <input type="text" id="title" name="title" value="<?php echo
  $item["title"]; ?>" readonly>
                      </div>
                      <div>
                        <label for="title">Description:</label>
                        <input type="text" id="description" name="description"
  value="<?php echo $item["description"]; ?>" readonly>
                      </div>
                      <div>
                        <label for="rating">User Score: <?php echo $item["rating"]?>
  </label>
                        <input type="range" id="rating" name="rating" min="1"
  max="100" value="<?php echo $item["rating"]; ?>" disabled>
                        <output for="rating"></output>
                      </div>
                      <div>
                      <label for="title">Completion Date:</label>
                        <input type="date" value="<?php echo
  $item["completion_date"]; ?>" disabled>
                        </div>
                    </fieldset>
                    <fieldset>
                      <legend>Description</legend>
                      <div>
                        <label for="details">Details:</label>
                        <p><?php echo $item['details']; ?></p>
                      </div>
                      <!-- Other HTML elements using data from $item -->
                      <div>
                        <?php if (isset($item['image_url'])): ?>
                          <label>Image Proof:</label>
```

```
                      <img src="<?php echo "/~$direx[2]/www_data/" .
$item['image_url']; ?>" height="300">
                         <?php endif; ?>
                    </div>
                  </fieldset>
              </div>
              <div class="modal-footer">
                 <button type="button" class="btn btn-default" data-
dismiss="modal">Close</button>
              </div>
            </div>
        <?php endforeach; ?>
      </li>
    </ul>
    <button id="copyLinkBtn">Copy Public List Link</button>
    <h2>Add New Entry:</h2>
    <form id="add-list-form" method="post" action="">
    <div>
        <label for="title">Title:</label>
        <input type="text" id="title" name="title" value="<?= $title ?>">
        <span class="error <?= !isset($errors['title']) ? 'hidden' : '' ?
>">Please Choose a List Title.</span>
      </div>
      <div>
        <label for="description">Description:</label>
        <textarea id="description" name="description" ><?= $description ?>
</textarea>
        <span class="error <?= !isset($errors['description']) ? 'hidden' : '' ?
>">Please Describe Your List.</span>
      </div>
      <div>
        <label for="public_view">Make List Public?:</label>
        <input type="hidden" id="public_view" name="public_view"
value="Private">
        <input type="checkbox" id="public_view" name="public_view"
value="Public" checked>
      </div>
    </fieldset>
    <button id="submit" name="submit">Make List</button>
  </form>
  </main>
  <?php include './includes/footer.php' ?>
</body>

</html>
```

image tests

Javascript form validation for register

javascript was able to stop the form from submitting and display all errors upon attempting to submit an enpty form with the php validation commented out.

Javascript form validation for edit-list item

javascript was able to stop the form from submitting and display all errors upon attempting to submit an enpty form with the php validation commented out.

Modal window for index/public list
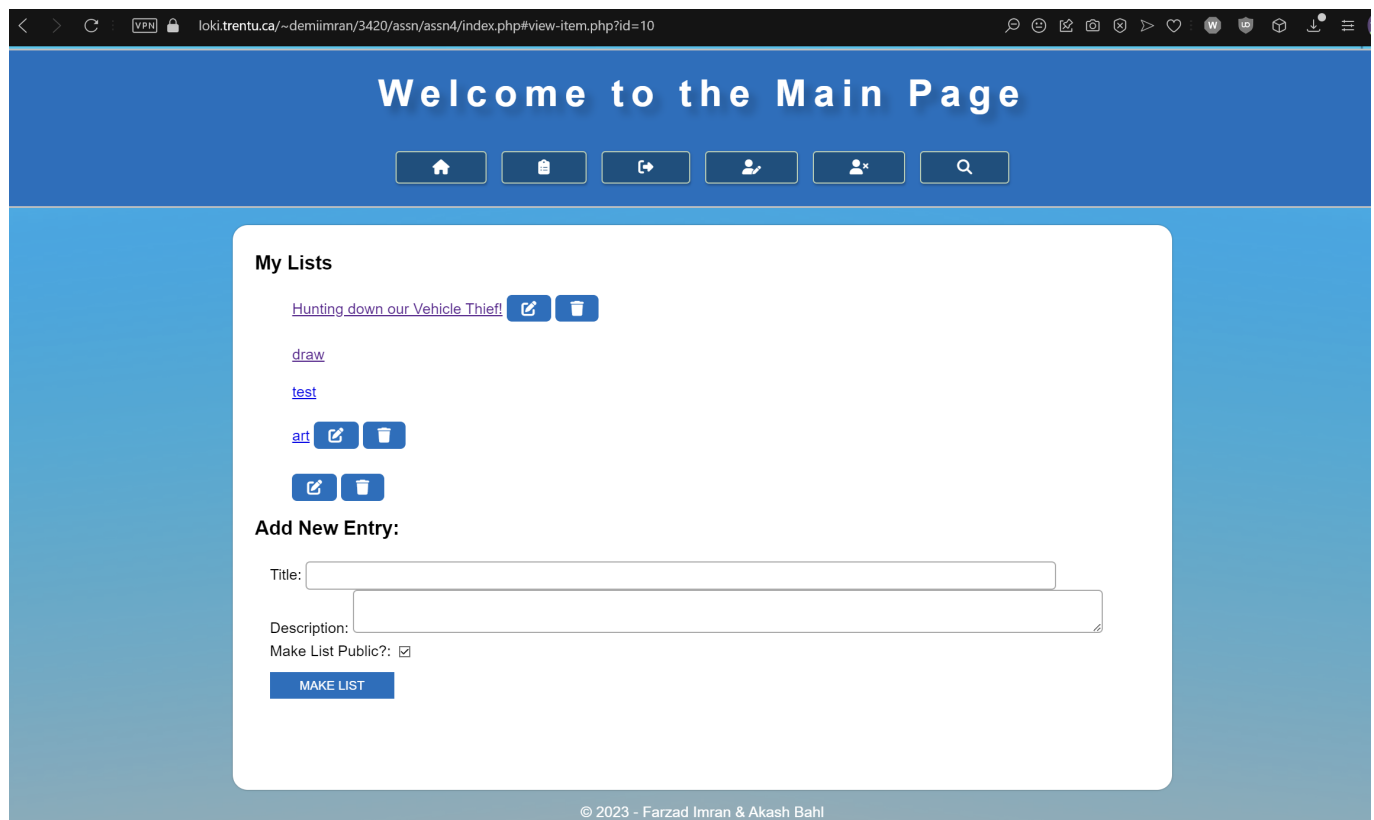
This feature did not work with the code we have tried, perhaps it is because we implemented the code wrong, or some issue we were unaware of.

Show password

Login

Home | Clipboard | Login | Add User | Search

No account? You can sign up now!

Login Information

Username: cement

Password: ••••••

☐ Show Password

Remember me: ☐

Forgot Password?

LOGIN

Login

Home | Clipboard | Login | Add User | Search

No account? You can sign up now!

Login Information

Username: cement

Password: moleman

☑ Show Password

Remember me: ☐

Forgot Password?

LOGIN

By hitting the checkbox you are able to display the password you typed in, useful for people who have autofill on and can't remember their password 😄