

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.

```
"use strict";
```

```
// constant function 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 {
        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();
  });
}
});

// 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;
    }

    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) {
    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";  
    }  
}  
  
});
```

image tests

Account Information

Name:

Please Enter a Name.

Gender

Please Choose One

Please Choose a Gender.

Username:

Please Enter a Username.

Email:

Enter a Valid Email.

Password:

Please Enter a Password.

Confirm Password:

Create Your First List

Title:

Please Choose a List Title.

Description:

Please Describe Your List.

Make List Public?:

☒

REGISTER

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Javascript form validation for edit-list item

Home

Calendar

Share

Profile

Logout

Search

List Info

Title:

Please choose a Title

Description:

Please choose a Description

Status

☐ On Hold

☐ In Progress

☐ Completed

Please Choose List Status.

Validation

Details:

Please Describe Your Entry.

Proof (Image upload):

Choose File

 No file chosen

Please Upload Your File.

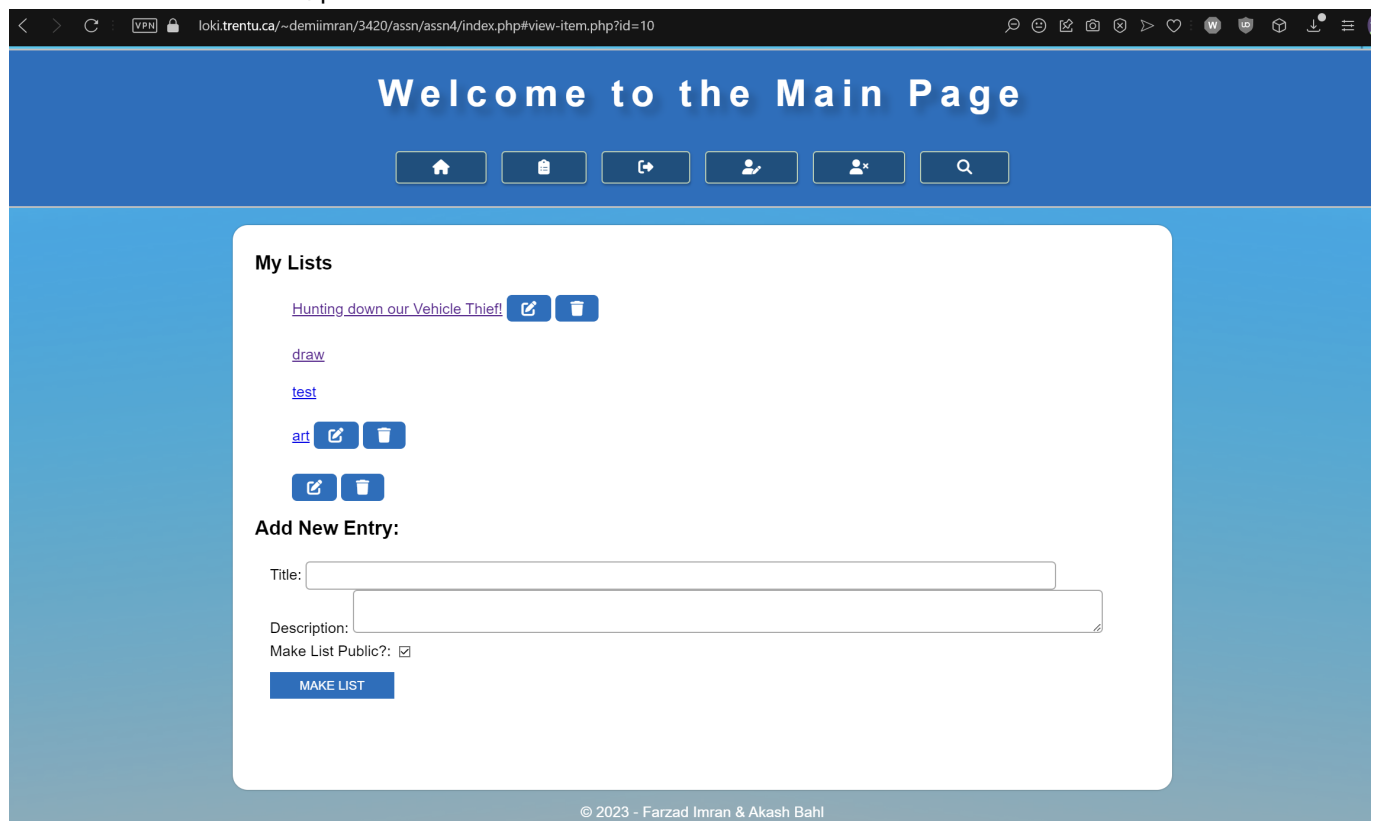
Completed

Score: 51

Completion Date:

7 / 9






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



No account? You can [sign up now!](#)

Login Information

Username: cement

Password:






☐ Show Password

Remember me: ☐

[Forgot Password?](#)

LOGIN

Login



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 😊