

Veterans Benefits Gathering Tools

Team 7: Nicholas Olsen, Jon Gurnik, Keegan Smith, Brianna Knight

Test Cases

websiteScript.js Test Cases

Form Input Validation // Event listener for form submission

```
form.addEventListener('submit', async (event) => {  
    event.preventDefault(); // Prevent the default form submission  
  
    // Clear previous error messages  
    stateError.textContent = '';  
    ratingError.textContent = '';  
    outputDiv.textContent = '';  
  
    // Get user inputs  
    const state = stateSelect.value.trim();  
    const rating = ratingSelect.value.trim();  
  
    // Validate inputs  
    if (state === "None") {  
        stateError.textContent = "Please select a valid state.";  
        return;  
    }  
  
    if (rating === "None") {  
        ratingError.textContent = "Please select a valid disability  
rating.";  
        return;  
    }  
}
```

Scenario	Steps	Expected Output

No state selected Disability Selected	<ul style="list-style-type: none"> - Keep the state dropdown on "Select a state". - Select a valid disability rating. - Click the "Submit" button 	#state-error displays: "Please select a valid state."
No disability rating selected State selected	<ul style="list-style-type: none"> - Select a valid state. - Keep the disability rating dropdown on "Select a disability rating". - Click the "Submit" button. 	#rating-error displays: "Please select a valid disability rating."
Both state and rating not selected	<ul style="list-style-type: none"> - Keep both dropdowns on their default values. - Click the "Submit" button. 	#state-error displays: "Please select a valid state." (Because this is the base qualification for the directory)
Valid inputs	<ul style="list-style-type: none"> - Select "California" for state. - Select "50%" for disability rating. - Click the "Submit" button. 	No error messages. Form submission proceeds to fetch data.

```
// Construct the file path
const filePath = `../States/${state}/${rating}/${rating}.txt`;
```

File path generation	<ul style="list-style-type: none"> - Select "Alabama" for state. - Select "20%" for disability rating. - Click the "Submit". 	The constructed file path should be: ../States/Alabama/20/20.txt.
----------------------	---	---

```

    try {
      // Fetch the content of the file
      const response = await fetch(filePath);
      if (!response.ok) {
        throw new Error('File not found');
      }
      const fileContent = await response.text();

      // Display the file content
      outputDiv.textContent = fileContent;
    } catch (error) {
      outputDiv.textContent = "Benefits data could not be retrieved. Please check your input or try again later.";
      console.error('Error:', error);
    }
  });
});
);

```

Valid file exists	<ul style="list-style-type: none"> - Select a valid state and rating combination where the file exists. - Click the "Submit" button. 	#output displays the content of the file.
File does not exist	<ul style="list-style-type: none"> - Select a valid state and rating combination where the file does not exist. - Click the "Submit". 	#output displays: "Benefits data could not be retrieved. Please check your input or try again later."
Fetch fails	<ul style="list-style-type: none"> - Disconnect from the internet or simulate a server error. - Click the "Submit". 	#output displays: "Benefits data could not be retrieved. Please check your input or try again later." - Console logs the error message (e.g., "File not found").

Main.html Test Cases

```
<div class="button-container">
  <button type="submit" id="submit-button">Submit</button>
  <button type="button" class="print-button" onclick="window.print()">Print</button>
</div>
```

Print button functionality	- Click the "Print" button.	The browser's print dialog appears.
Form responsiveness	- Open the page on different devices (desktop, tablet, mobile). - Resize the browser window.	Form layout adjusts without overlapping or clipping elements.