CSE211 Web Programming - Fall 2025-2026

Final Course Project: Validation Report

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1. Introduction

This report documents the validation results for the EventsX Web Application Project. All HTML, CSS, JavaScript, and PHP files were validated using standard industry tools to ensure compliance with W3C standards and syntax correctness.

Validation Tools Used:

- **HTML5:** W3C Markup Validation Service
- **CSS3:** W3C CSS Validation Service
- **JavaScript:** JSHint / Browser Console
- **PHP:** PHP Code Checker / Local Linting

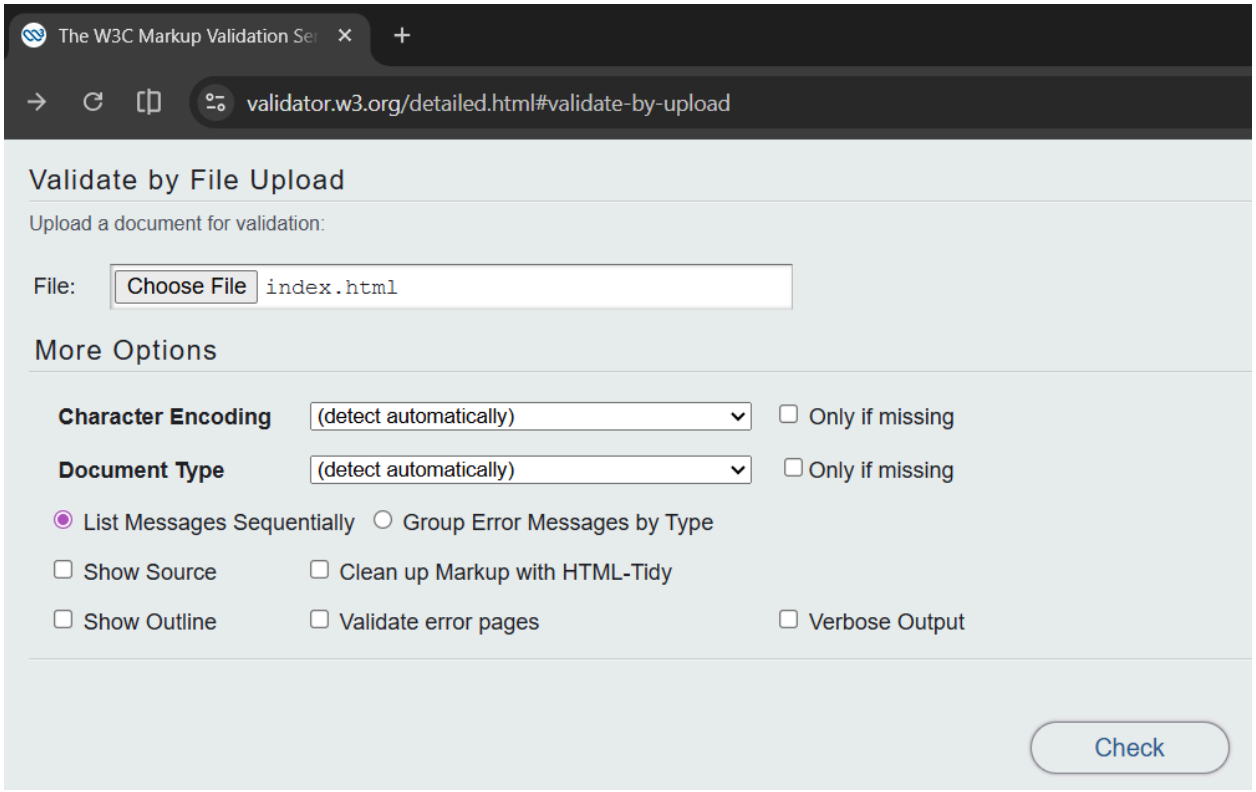
2. HTML5 Validation Results

The following pages were validated against the HTML5 standard.

2.1. Home Page (index.html)

- **Status:** Valid HTML5
- **Errors:** 0
- **Warnings:** 0

Validation Screenshot:



Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

Showing results for uploaded file index.html (checked with vnu 26.1.5)

Checker Input

Show source outline image report errors & warnings only Options…

Check by file upload Choose File No file chosen

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

Check

Document checking completed. No errors or warnings to show.

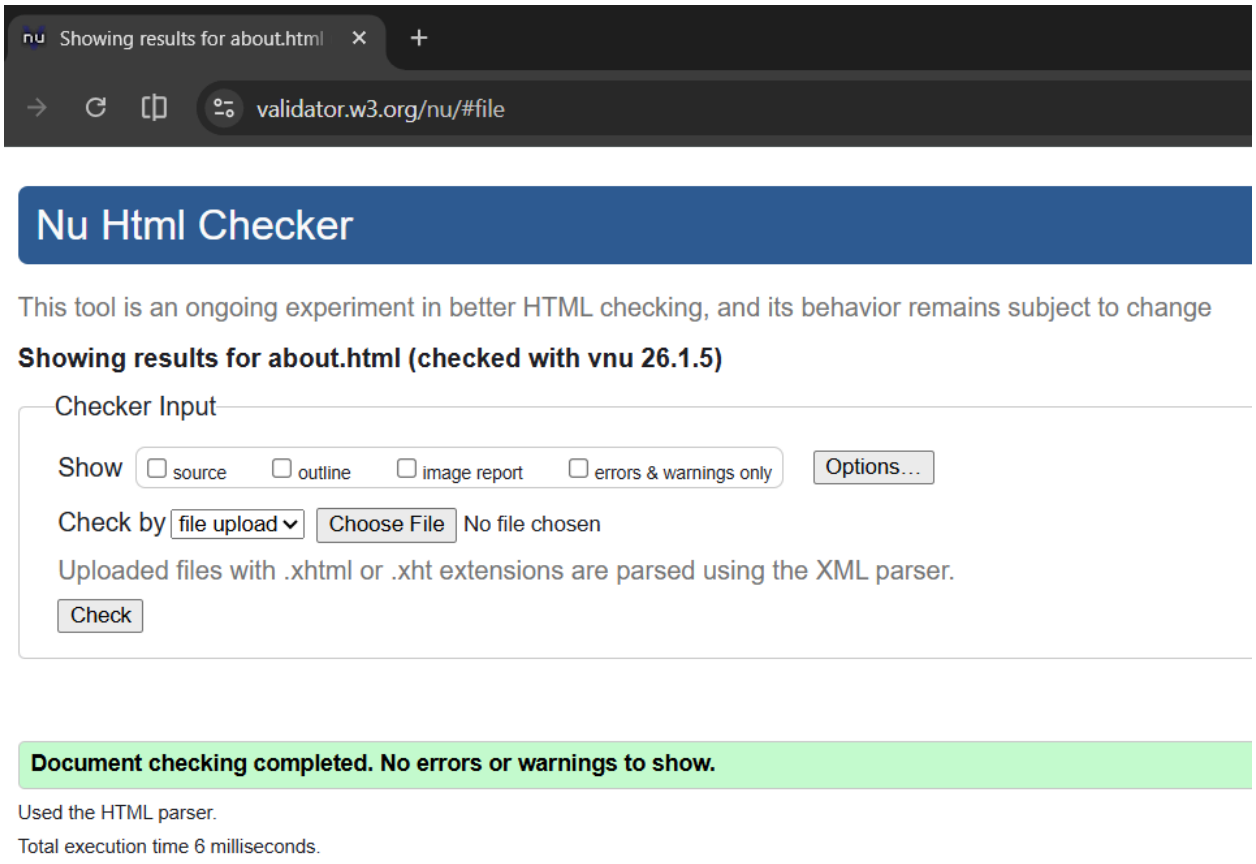
Used the HTML parser.

Total execution time 7 milliseconds.

2.2. Events Page (pages/events.html)

- **Status:** Valid HTML5
- **Errors:** 0
- **Warnings:** 0

Validation Screenshot:



2.3. Registration Page (pages/registration.html)

- **Status:** Valid HTML5
- **Errors:** 0
- **Warnings:** 0

Validation Screenshot:

Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

Ready to check

Checker Input

Show ☐ source ☐ outline ☐ image report ☐ errors & warnings only Options…

Check by file upload Choose File registration.html

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

Check

Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

Showing results for about.html (checked with vnu 26.1.5)

Checker Input

Show ☐ source ☐ outline ☐ image report ☐ errors & warnings only Options…

Check by file upload Choose File No file chosen

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

Check

Document checking completed. No errors or warnings to show.

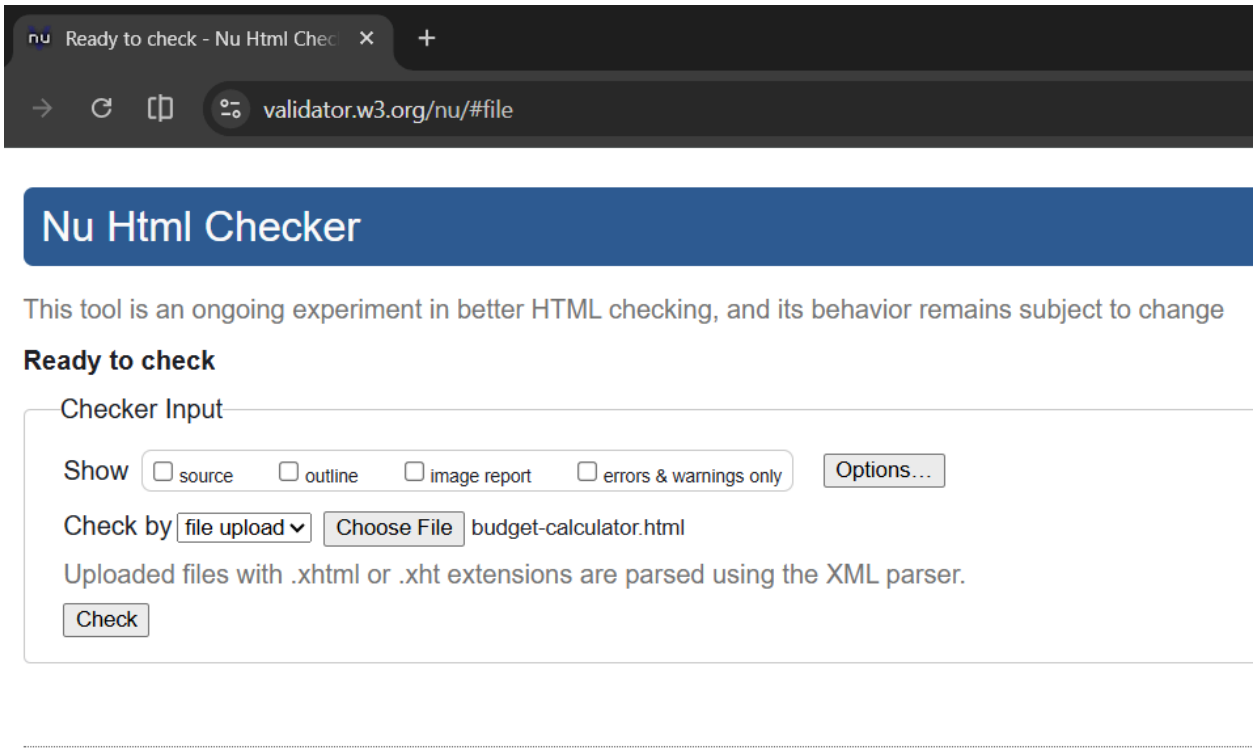
Used the HTML parser.

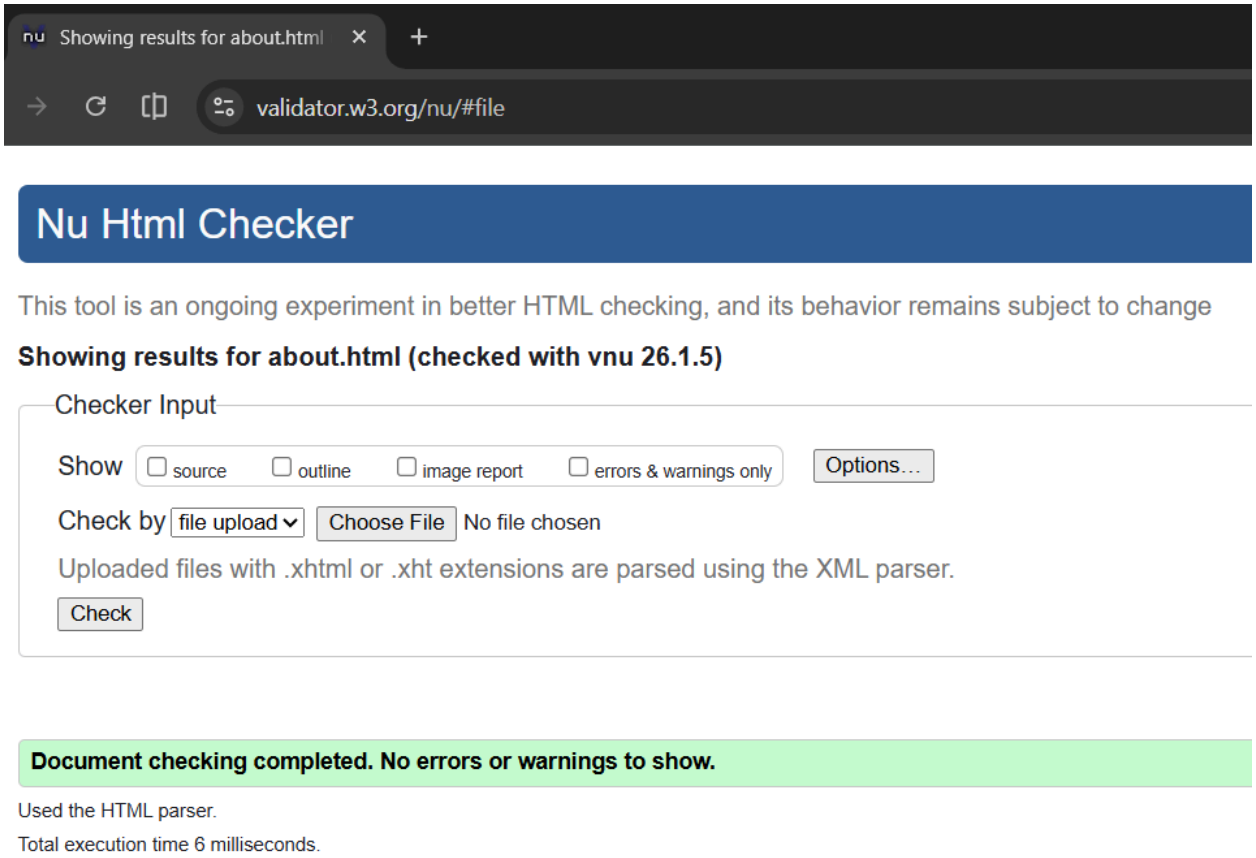
Total execution time 6 milliseconds.

2.4. Budget Calculator Page (pages/budget-calculator.html)

- **Status:** Valid HTML5
- **Errors:** 0
- **Warnings:** 0

Validation Screenshot:





Notes/Warnings Addressed:

- Invalid tags like h3, div were used inside the output tag

2.5. Contact Page (pages/contact.html)

- **Status:** Valid HTML5
- **Errors:** 0
- **Warnings:** 0

Validation Screenshot:

Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

Ready to check

Checker Input

Show ☐ source ☐ outline ☐ image report ☐ errors & warnings only Options…

Check by file upload Choose File contact.html

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

Check

Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

Showing results for contact.html (checked with vnu 26.1.5)

Checker Input

Show ☐ source ☐ outline ☐ image report ☐ errors & warnings only Options…

Check by file upload Choose File No file chosen

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

Check

Document checking completed. No errors or warnings to show.

Used the HTML parser.

Total execution time 8 milliseconds.

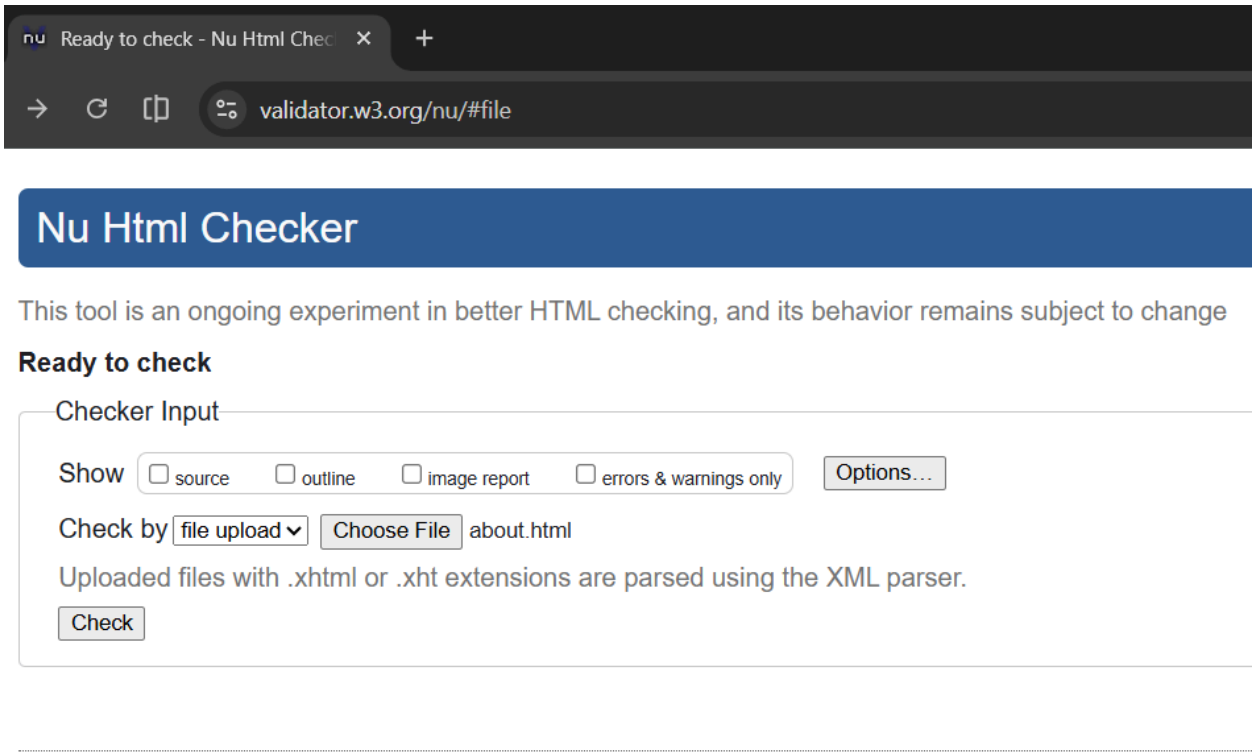
Notes/Warnings Addressed:

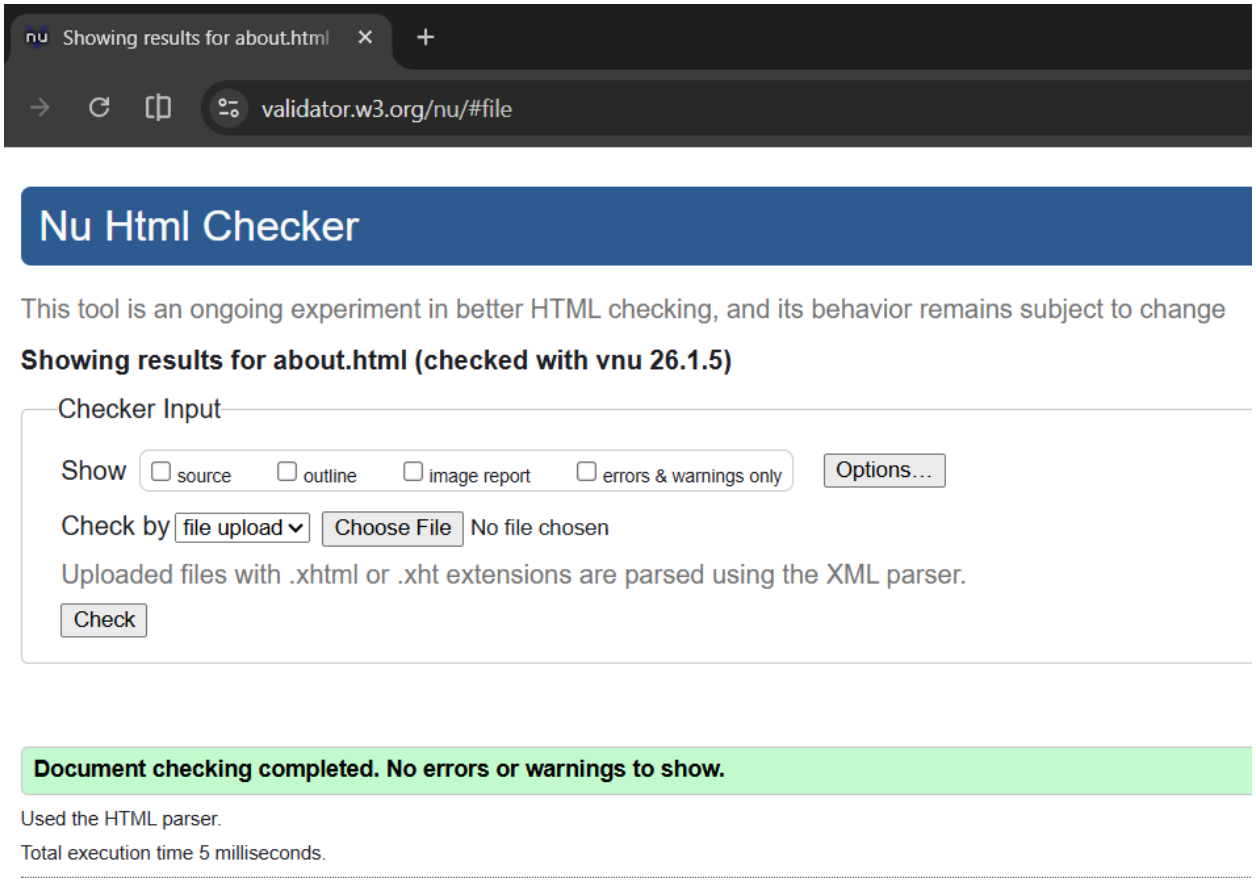
- Header elements appeared as a descendant of the address element.
- Missing a section heading.

2.6. About Page (pages/about.html)

- **Status:** Valid HTML5
- **Errors:** 0
- **Warnings:** 0

Validation Screenshot:





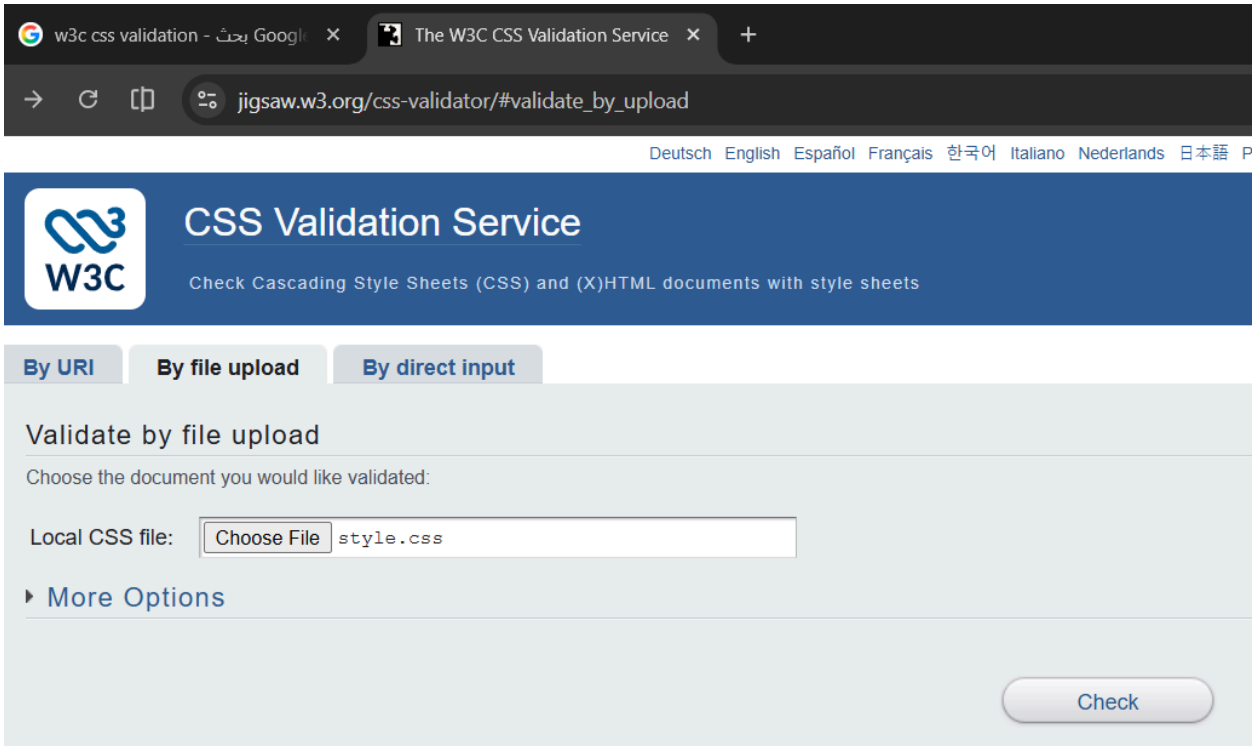
3. CSS Validation Results

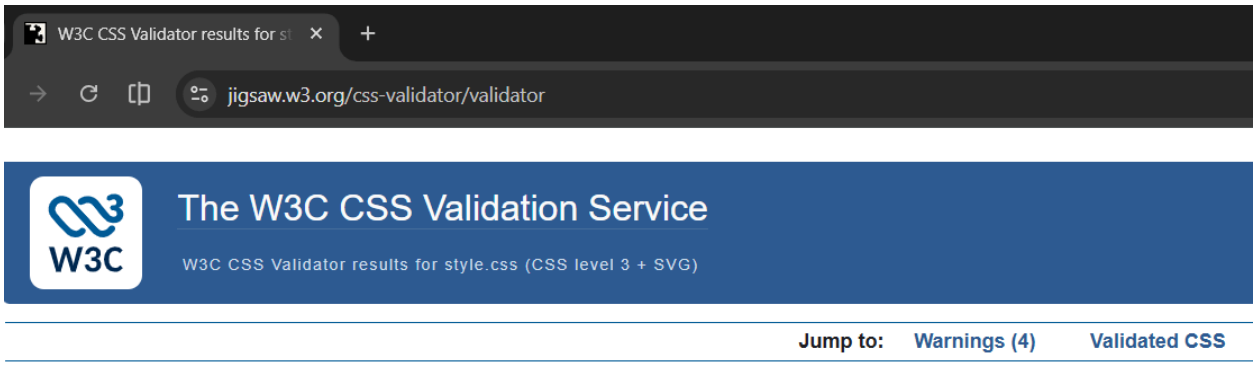
All stylesheets were validated using the W3C CSS Validator.

3.1. Main Stylesheet (css/style.css)

- **Status:** Valid CSS Level 3
- **Errors:** 0
- **Warnings:** 4

Validation Screenshot:





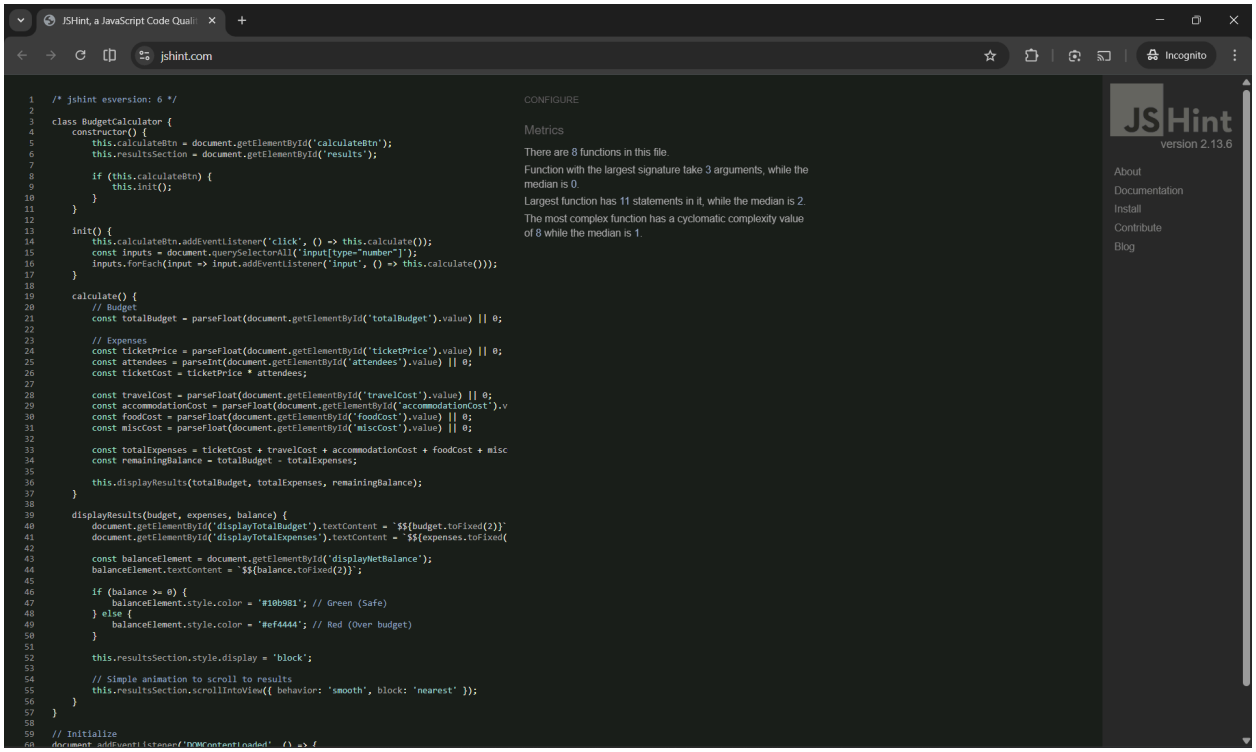
4. JavaScript Validation Results

JavaScript files were checked for syntax errors and best practices.

4.1. calculator.js

- **Status:** Valid (ES6 Compliant)
- **Errors:** 0

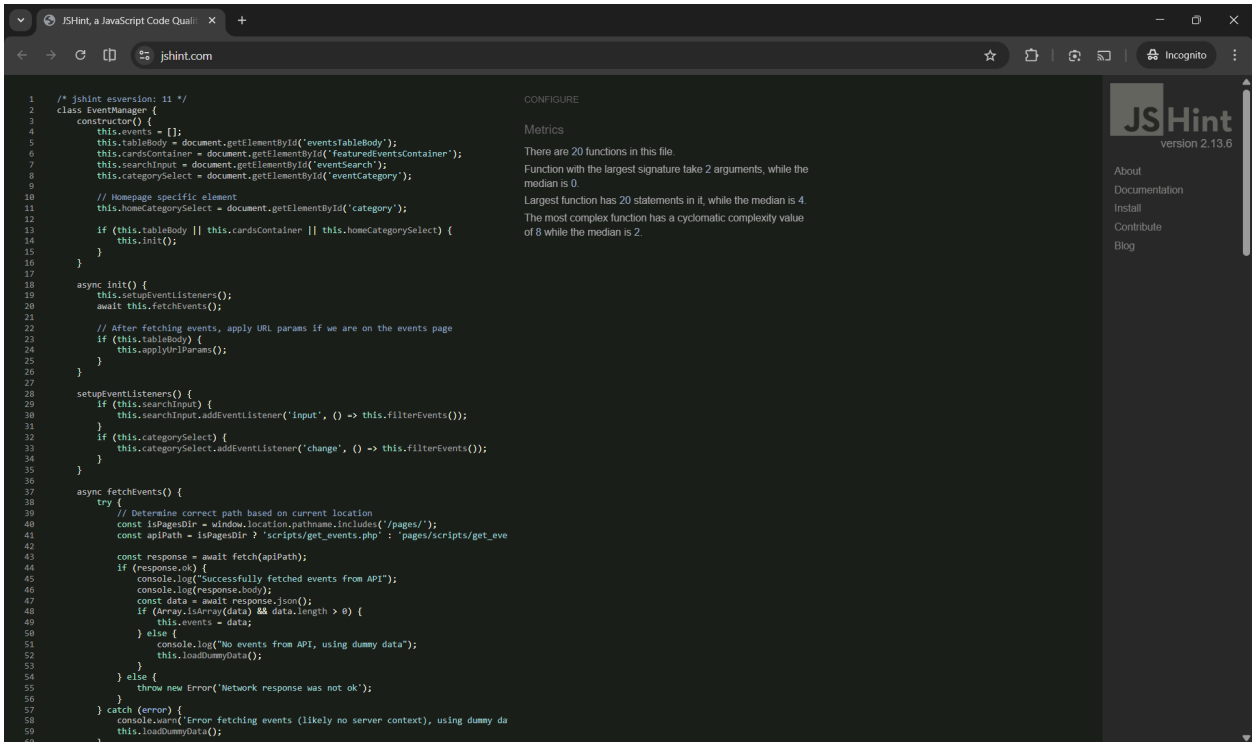
Validation Screenshot:



4.2. events.js

- **Status:** Valid
- **Errors:** 0

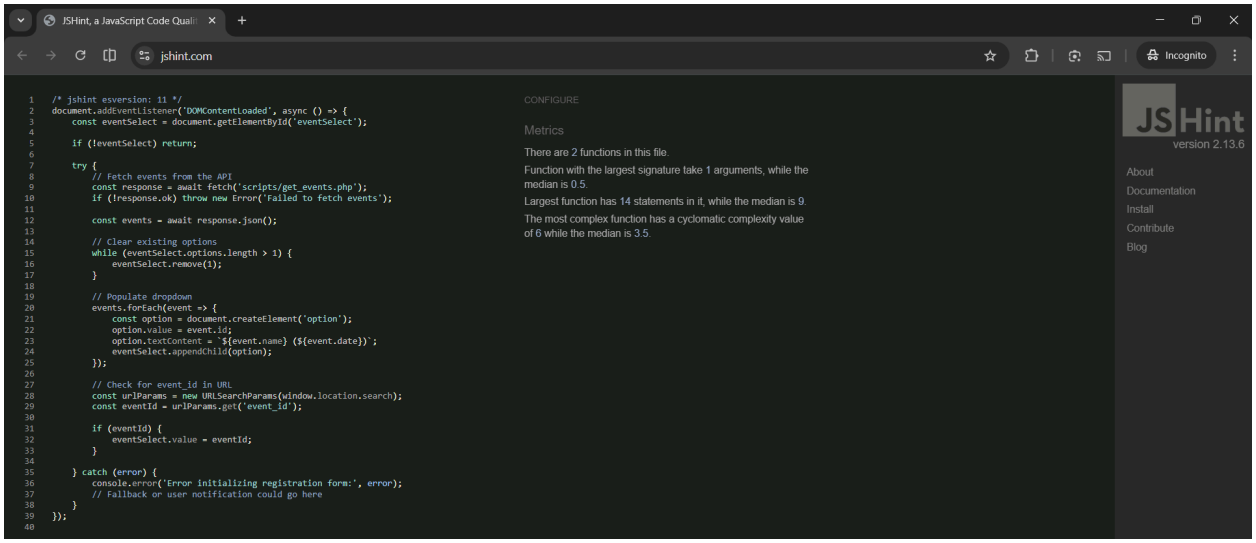
Validation Screenshot:



4.3. registration.js

- **Status:** Valid
- **Errors:** 0

Validation Screenshot:

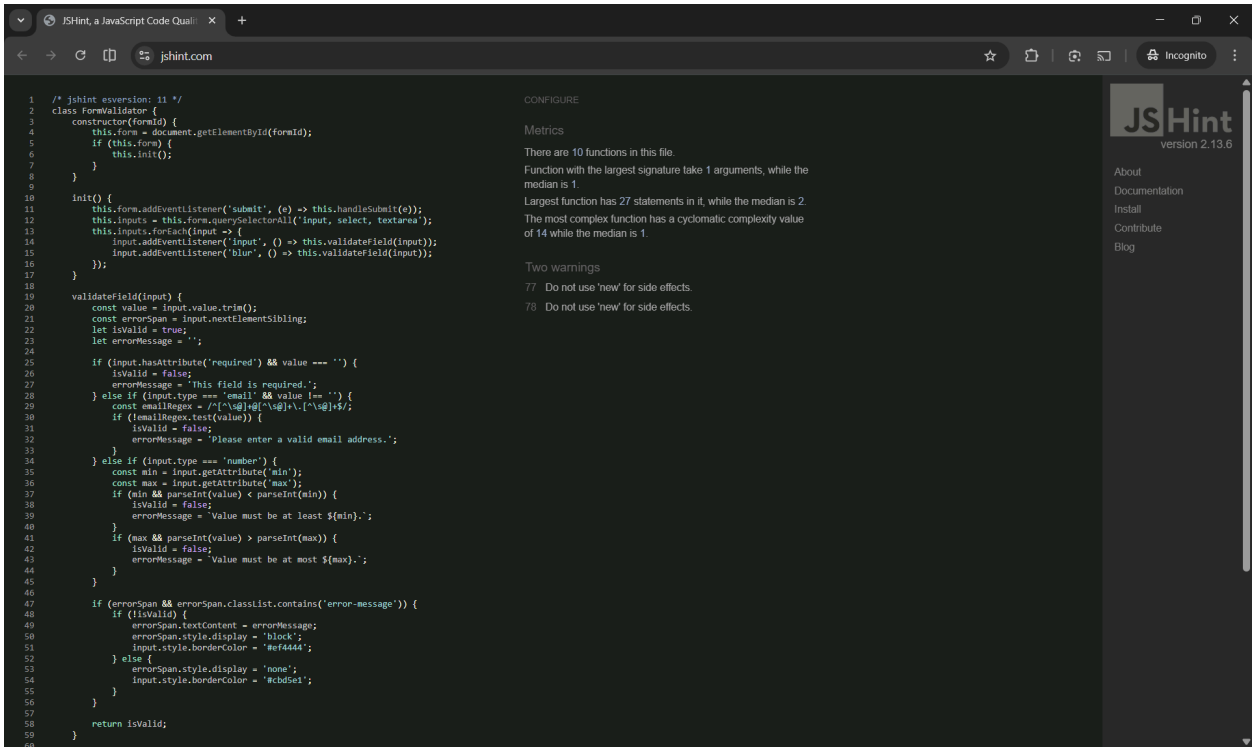


4.4. validation.js

- **Status:** Valid

- **Errors:** 0

Validation Screenshot:

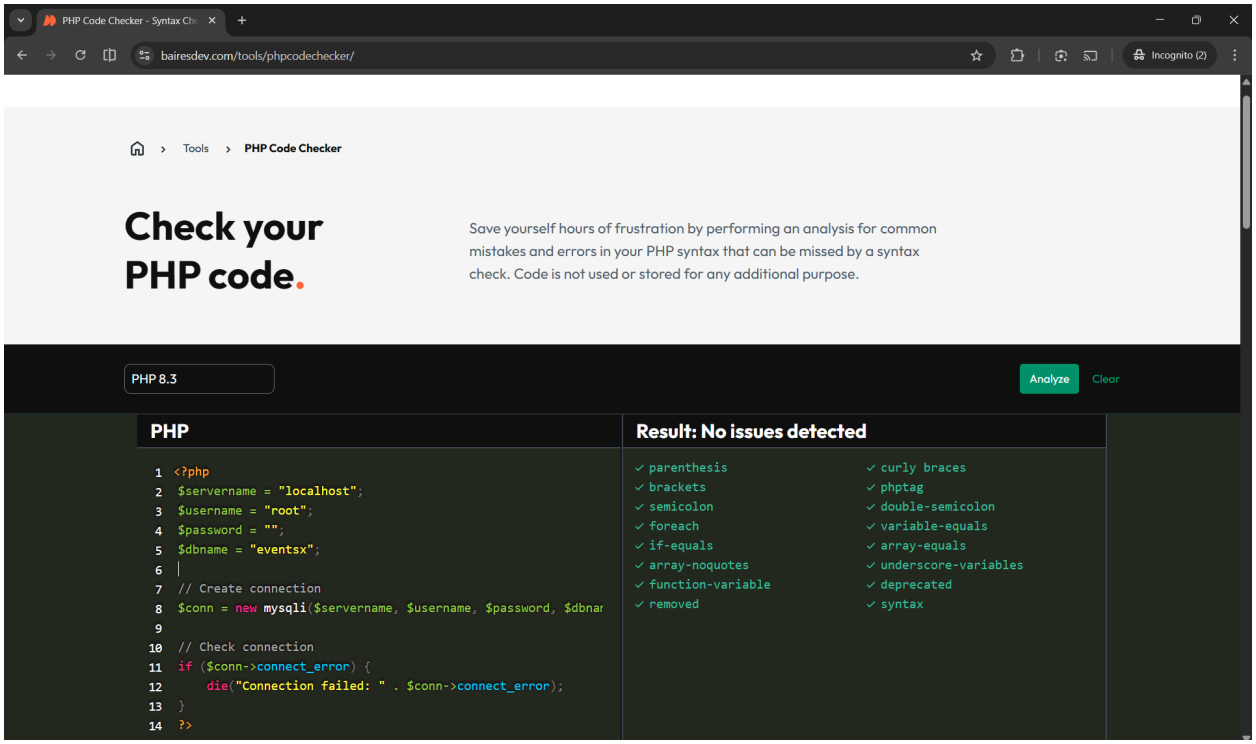


5. PHP Validation Results

5.1. db_connect.php

- **Status:** No Syntax Errors
- **Errors:** 0

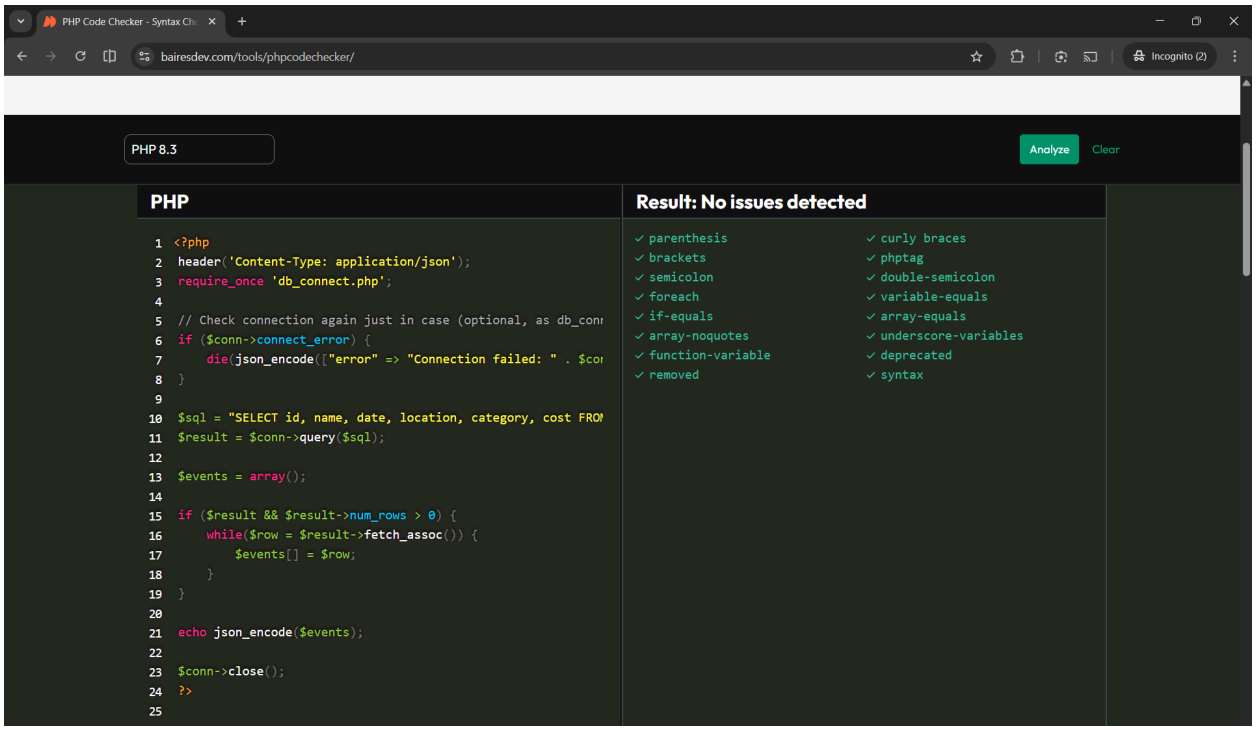
Validation Screenshot:



5.2. get_events.php

- **Status:** No Syntax Errors
- **Errors:** 0

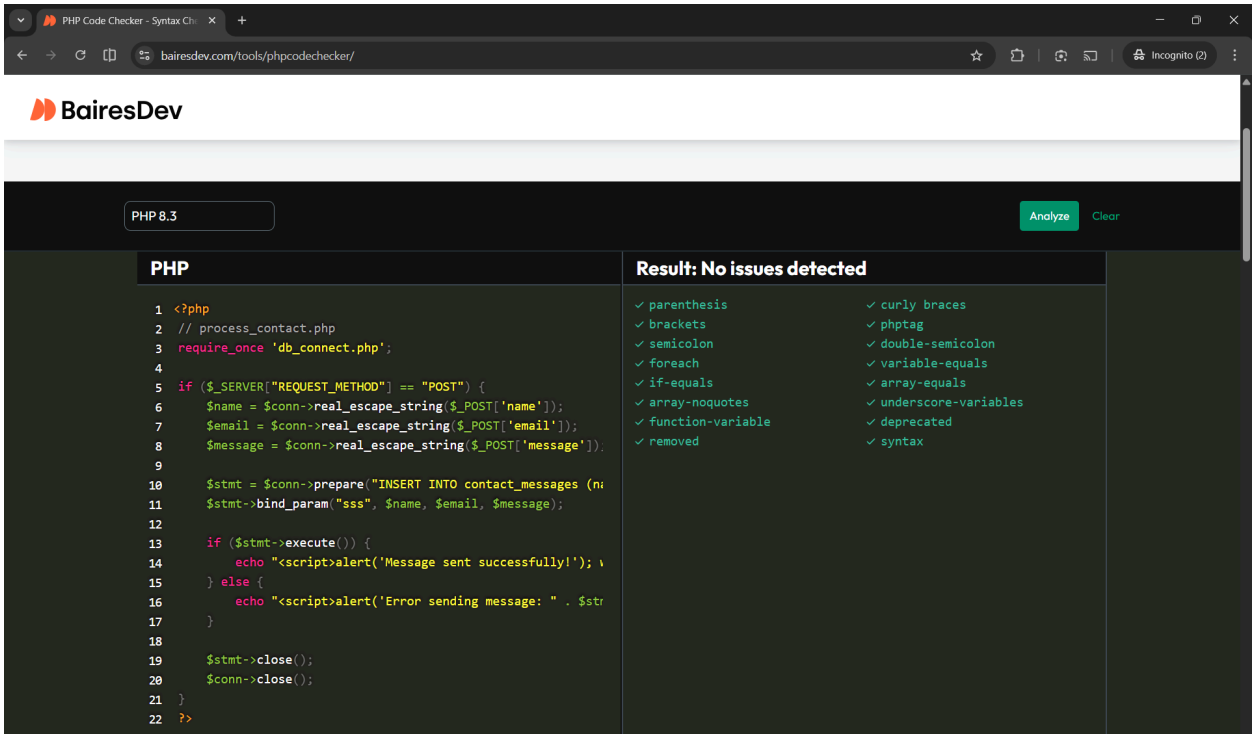
Validation Screenshot:



5.3. process_contact.php

- **Status:** No Syntax Errors
- **Errors:** 0

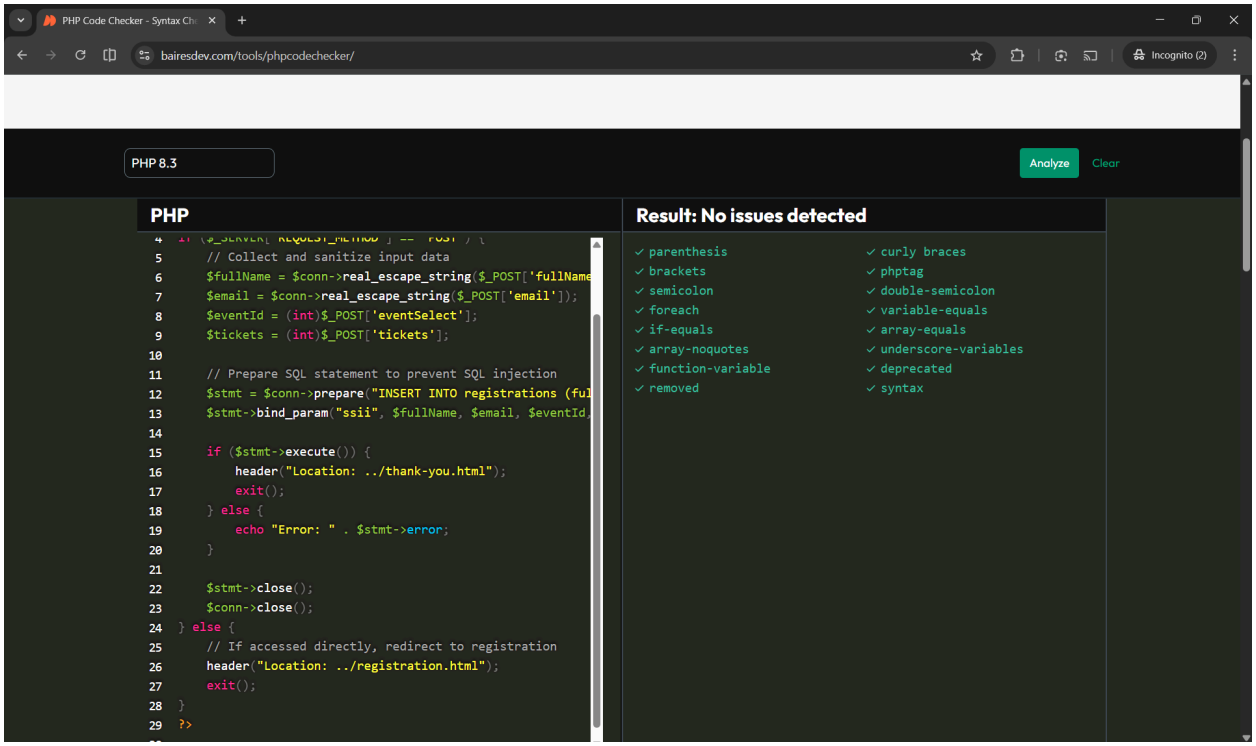
Validation Screenshot:



5.2. process_registration.php

- **Status:** No Syntax Errors
- **Errors:** 0

Validation Screenshot:



6. Final Confirmation

Statement of Compliance:
We confirm that all pages listed above have been validated. All HTML pages passed with zero errors and zero warnings (after addressing initial warnings). All CSS, JavaScript, and PHP code is syntactically correct and functional.