HTML5 Validation Report

Compliance Check & Error Resolution for EduConnect Project

Validated Pages:

Index, About, Contact, Registration, Thank You, Course Catalog, Course Details, Student Dashboard

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Contents

1   Introduction

This report documents the HTML5 validation process for the EduConnect website. All pages were tested using the **W3C Markup Validation Service** to ensure compliance with modern web standards.

The report details the initial validation status, any errors or warnings identified, and the corrective actions taken to resolve them.

2 Validation Findings

2.1 1. Home Page (index.html)

Status: Valid HTML5 (Passed)

• **Errors:** 0

• **Warnings:** 0

• **Info Messages:** 2 (Regarding trailing slashes on void elements).

Resolution Notes

The validator displayed informational notes stating: *"Trailing slash on void elements has no effect and interacts badly with unquoted attribute values."*
Action: These are info messages, not warnings, and do not affect HTML5 validity. No code changes were required.
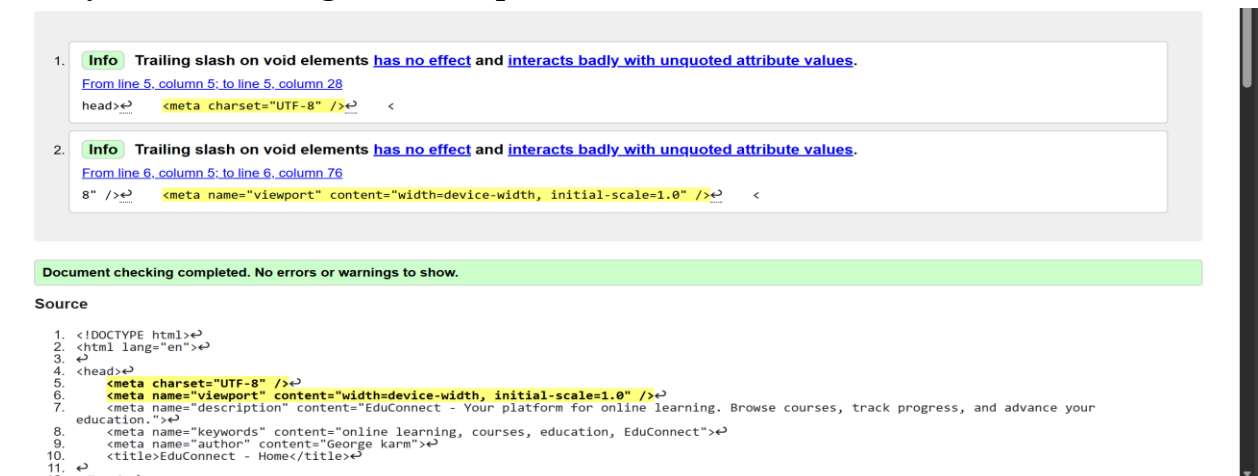
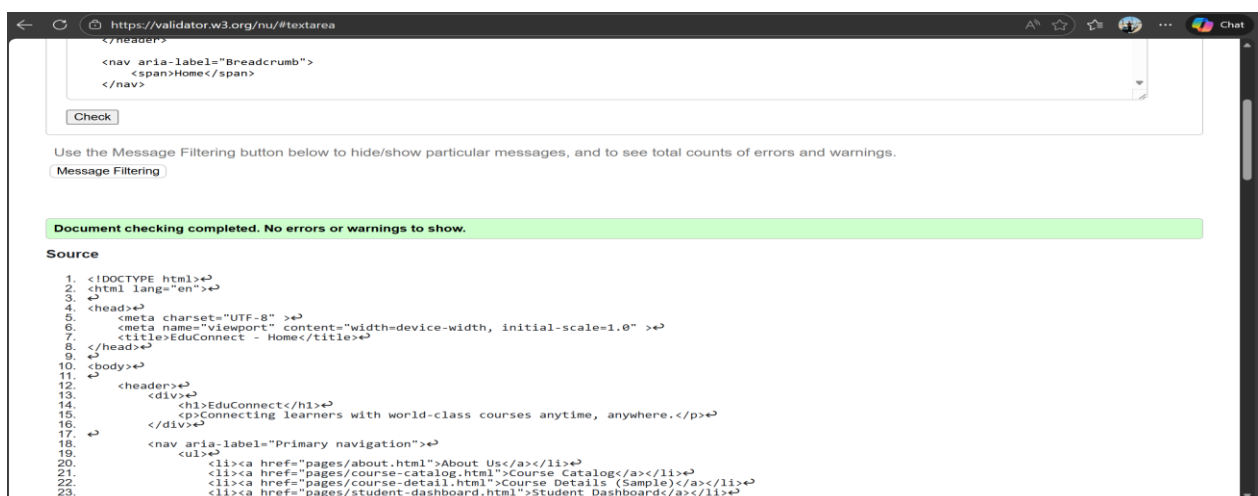Figure 1: Index Page Validation Results

Figure 2: Index Page After Fixing Results

2.2   2. About Us (about.html)

Status: Valid HTML5 (Passed)

- **Errors:** 0

- **Warnings:** 0

Resolution Notes

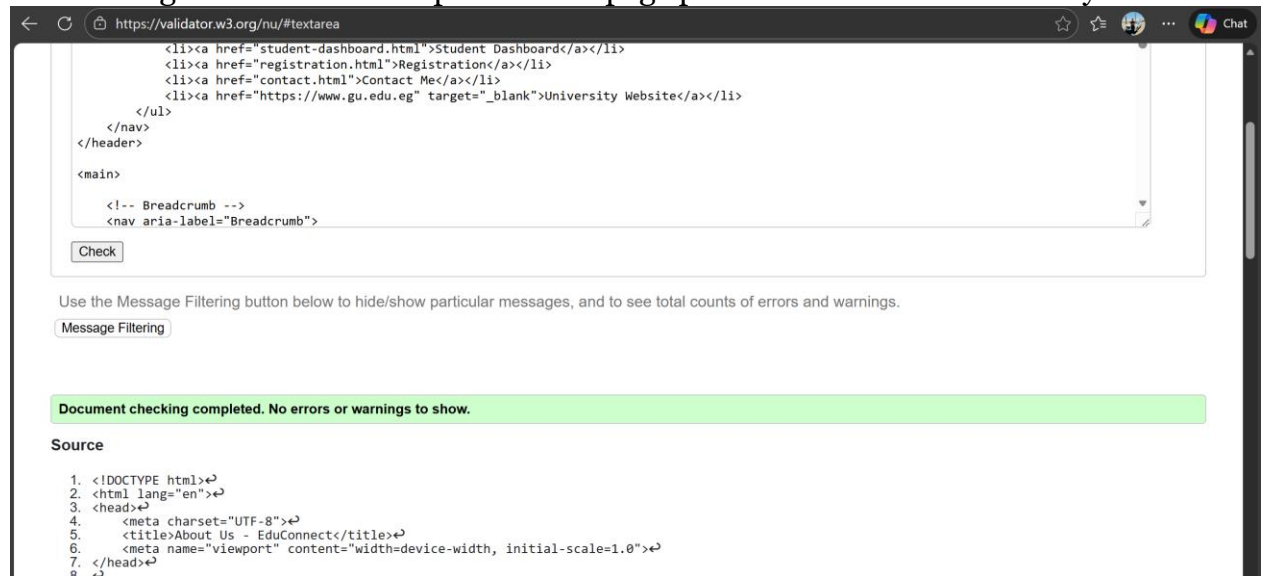No warnings or errors were reported. The page passed validation successfully

Figure 3: About Page Validation Results

2.3   3. Contact Page (contact.html)

Initial Status: Failed (2 Errors)

Identified Issues

1. **Error:** The border attribute on the table element is obsolete.

2. **Error:** The width attribute on the table element is obsolete.

Corrective Actions

• **Action:** Removed both border="1" and width="100%" attributes from the <table> tag.

• **Note:** Since CSS has not yet been implemented in the current development phase, no visual replacement was added. The table now renders without borders.
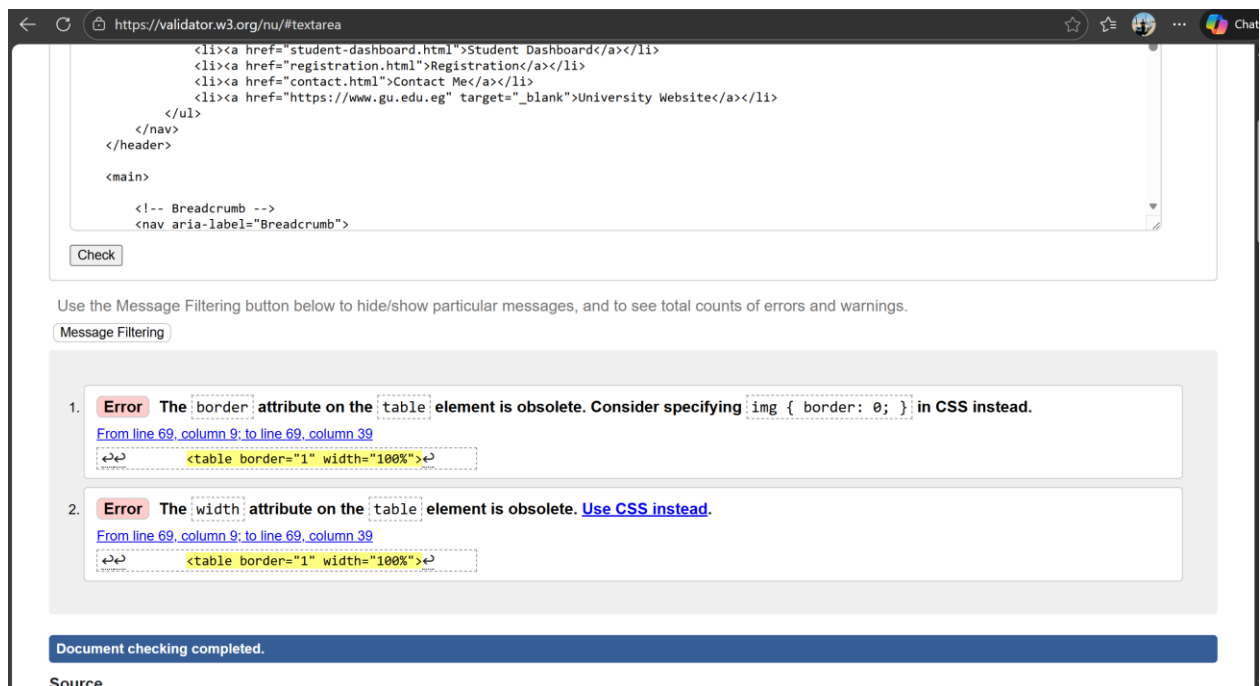

Figure 4: Contact Page Initial Validation Errors

2.4   4. Registration Page (registration.html)

Status: Valid HTML5 (Passed)

- **Errors:** 0

- **Warnings:** 0

Resolution Notes

No warnings or errors were reported. The page passed validation successfully.

Figure 5: Registration Page Validation Results

2.5   5. Thank You Page (thank.html)

Status: Valid HTML5 (Passed)

- **Errors:** 0

- **Warnings:** 0

Resolution Notes

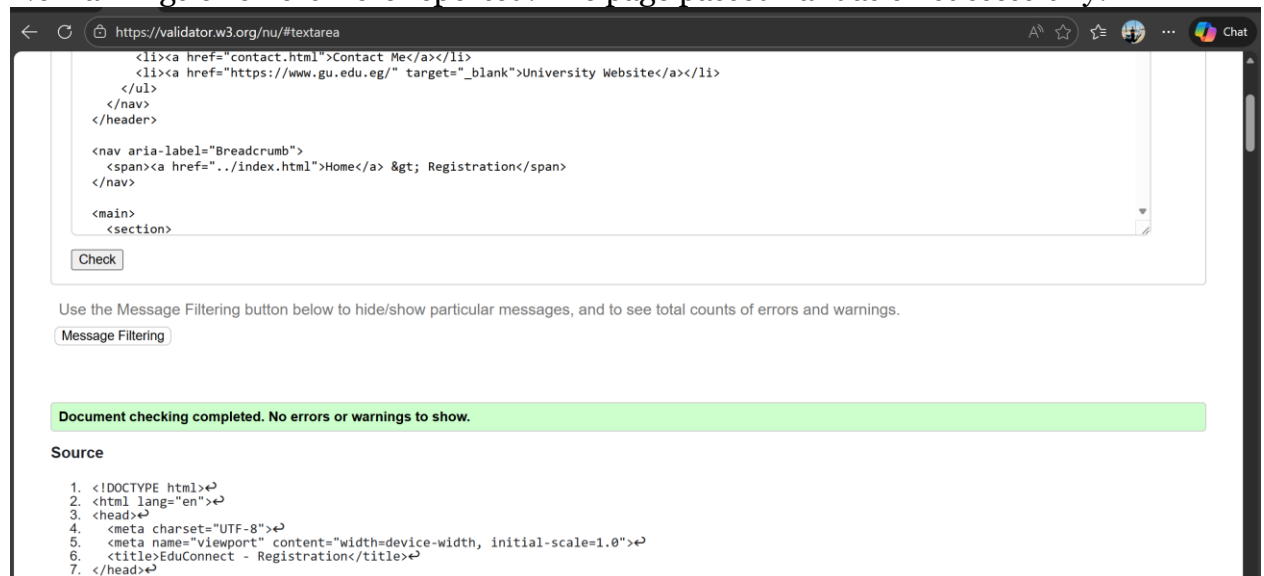No warnings or errors were reported. The page passed validation successfully.

Figure 6: Thank Page Validation Results

2.6   6. Course Catalog (course-catalog.html)

Status: Valid HTML5 (Passed)

• **Errors:** 0

• **Warnings:** 0

Resolution Notes

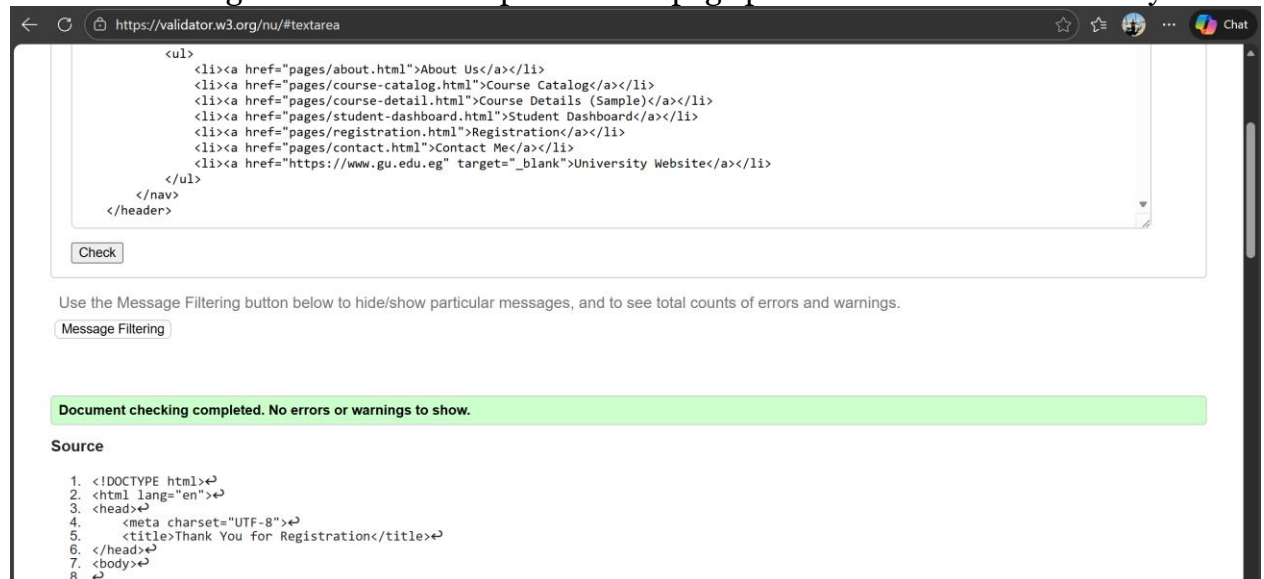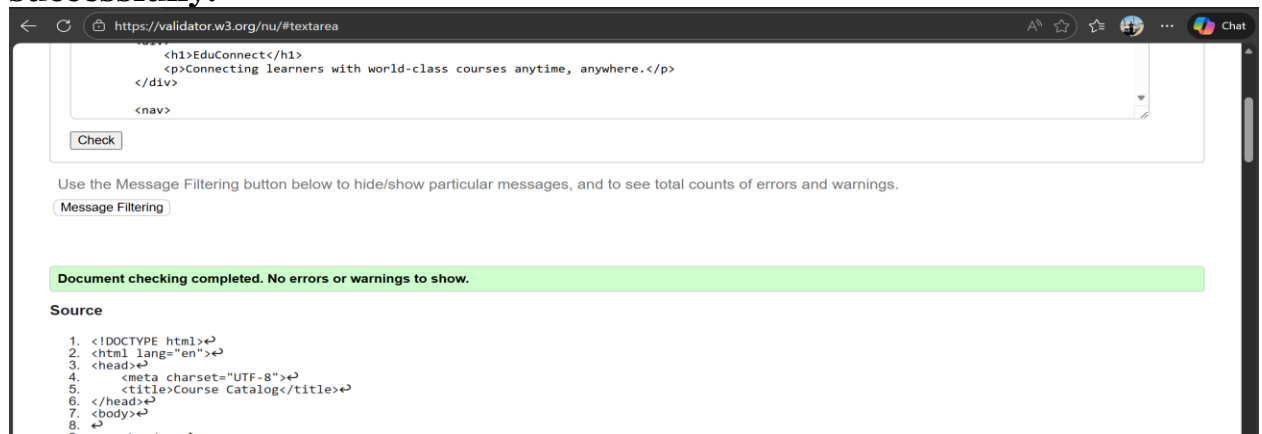**No warnings or errors were reported. The page passed validation successfully.**

Figure 7: Course Catalog Page Validation Results

2.7   7. Course Details (course-detail.html)

Status: Valid HTML5 (Passed)

• **Errors:** 0

• **Warnings:** 0

Resolution Notes

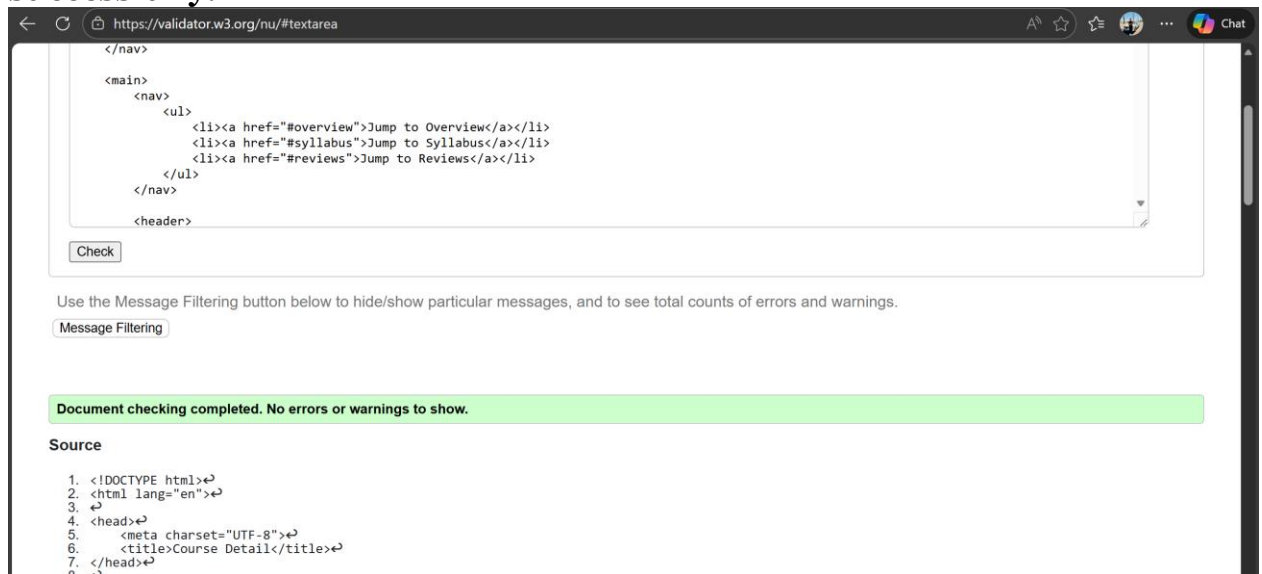**No warnings or errors were reported. The page passed validation successfully.**

Figure 7: Course Details Page Validation Results

2.8   8. Student Dashboard (student-dashboard.html)

Initial Status: Valid with Warnings (1 Error, 6 Warnings)

Identified Issues

• **Warnings (1-5):** Article lacks heading. Consider using h2-h6 elements.

• **Warning (6):** Consider using the h1 element as a top-level heading only.

• **Error:** The border attribute on the table element is obsolete.

Corrective Actions

1. **Table Border Error:** The border="1" attribute was removed from the table to comply with HTML5 standards.

2. **Headings Warnings:**

- The validator flagged <article> elements missing internal headings. As the current content structure did not require headings for these sections, the warnings were acknowledged but no structural changes were forced.

- The <h1> warning was noted; the page uses a single H1 for the main title, which is standard practice.
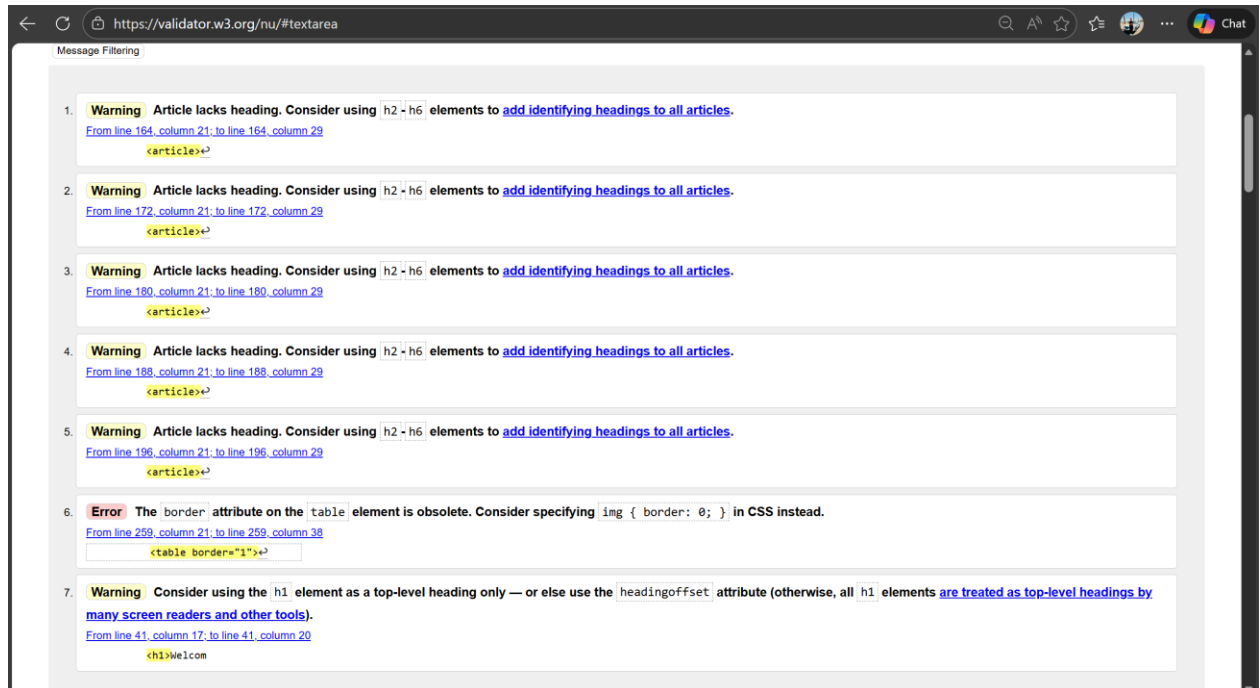

Figure 8: Student Dashboard Page Validation Results
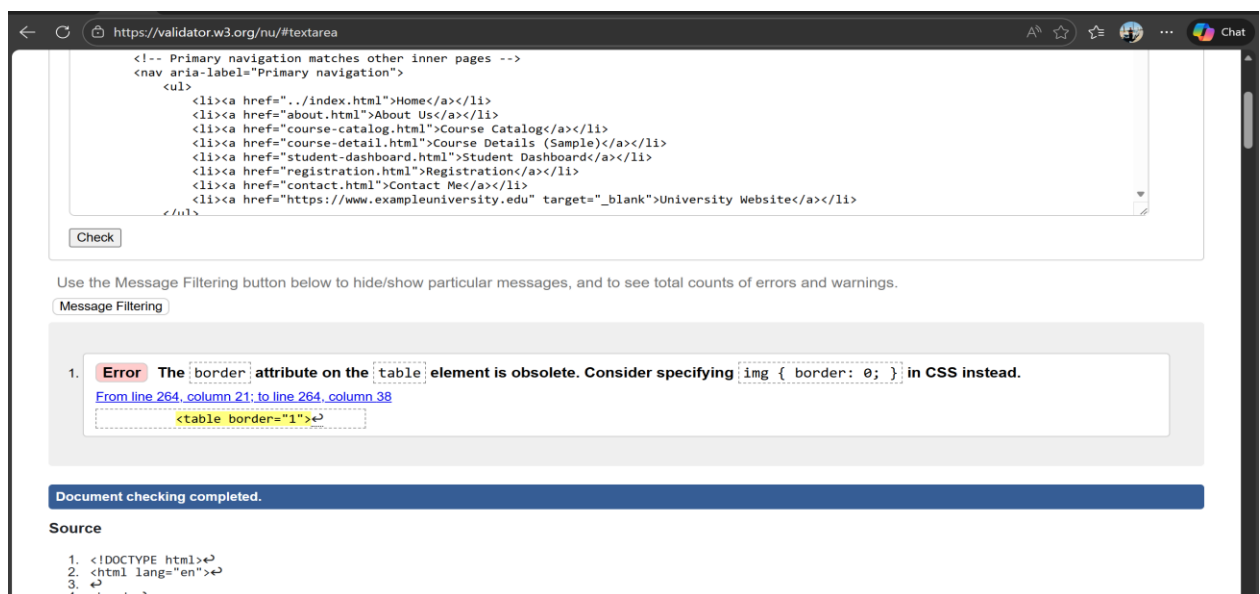

Figure 9: Student Dashboard Page After Fixing Results

3 Conclusion

The HTML5 validation process was successful. Most pages passed with zero errors

immediately. Pages containing obsolete attributes (specifically border on tables) were corrected by removing the non-compliant attributes. All pages are now technically valid or have justified warnings that do not impact func- tionality.