

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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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.

The screenshot shows the W3C Validator interface with two informational messages (Info) regarding trailing slashes on void elements. Message 1 is from line 5, column 5 to line 5, column 28, and message 2 is from line 6, column 5 to line 6, column 76. Both messages state that trailing slashes on void elements have no effect and interact badly with unquoted attribute values. Below the messages, a green bar indicates "Document checking completed. No errors or warnings to show." The source code for the page is also visible.

```

1. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.
From line 5, column 5- to line 5, column 28
head>← <meta charset="UTF-8" />← <
2. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.
From line 6, column 5- to line 6, column 76
8" />← <meta name="viewport" content="width=device-width, initial-scale=1.0" />← <

```

Document checking completed. No errors or warnings to show.

Source

```

1. <!DOCTYPE html>←
2. <html lang="en">←
3. ←
4. <head>←
5.   <meta charset="UTF-8" />←
6.   <meta name="viewport" content="width=device-width, initial-scale=1.0" />←
7.   <meta name="description" content="EduConnect - Your platform for online learning. Browse courses, track progress, and advance your education." />←
8.   <meta name="keywords" content="online learning, courses, education, EduConnect" />←
9.   <meta name="author" content="George Karm" />←
10.  <title>EduConnect - Home</title>←
11. ←
12. </head>←

```

Figure 1: Index Page Validation Results

The screenshot shows the W3C Validator interface after fixes have been applied. The source code now includes the corrected trailing slashes on the void elements. A green bar indicates "Document checking completed. No errors or warnings to show." The source code is identical to the one shown in Figure 1, but the validation status is now successful.

```

1. <!DOCTYPE html>←
2. <html lang="en">←
3. ←
4. <head>←
5.   <meta charset="UTF-8" />←
6.   <meta name="viewport" content="width=device-width, initial-scale=1.0" />←
7.   <title>EduConnect - Home</title>←
8. </head>←
9. ←
10. <body>←
11.   <header>←
12.     <div>←
13.       <h1>EduConnect</h1>←
14.       <p>Connecting learners with world-class courses anytime, anywhere.</p>←
15.     </div>←
16.   </header>←
17.   <nav aria-label="Primary navigation">←
18.     <ul>←
19.       <li><a href="pages/about.html">About Us</a></li>←
20.       <li><a href="pages/course-catalog.html">Course Catalog</a></li>←
21.       <li><a href="pages/course-details-sample.html">Course Details (Sample)</a></li>←
22.       <li><a href="pages/student-dashboard.html">Student Dashboard</a></li>←
23.     </ul>←
24.   </nav>←

```

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

The screenshot shows the W3C Validator interface. The URL is https://validator.w3.org/nu/#textarea. The page content is the HTML code for 'about.html'. The code includes a header with navigation links for 'Student Dashboard', 'Registration', 'Contact Me', and 'University Website'. It also includes a breadcrumb trail section with a 'Check' button. Below the code, a green bar indicates 'Document checking completed. No errors or warnings to show.' There is a 'Source' link at the bottom left.

```
<li><a href="student-dashboard.html">Student Dashboard</a></li>
<li><a href="registration.html">Registration</a></li>
<li><a href="contact.html">Contact Me</a></li>
<li><a href="https://www.gu.edu.eg" target="_blank">University Website</a></li>
</ul>
</nav>
</header>
<main>
  <!-- Breadcrumb -->
  <nav aria-label="Breadcrumb">
```

Check

Use the Message Filtering button below to hide/show particular messages, and to see total counts of errors and warnings.

Message Filtering

Document checking completed. No errors or warnings to show.

Source

1. <!DOCTYPE html>
2. <html lang="en">
3. <head>
4. <meta charset="UTF-8">
5. <title>About Us - EduConnect</title>
6. <meta name="viewport" content="width=device-width, initial-scale=1.0">
7. </head>
8. <

Figure 3: About Page Validation Results

2.3 3. Contact Page (contact.html)

Initial Status: Failed (2 Errors)

Identified Issues

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

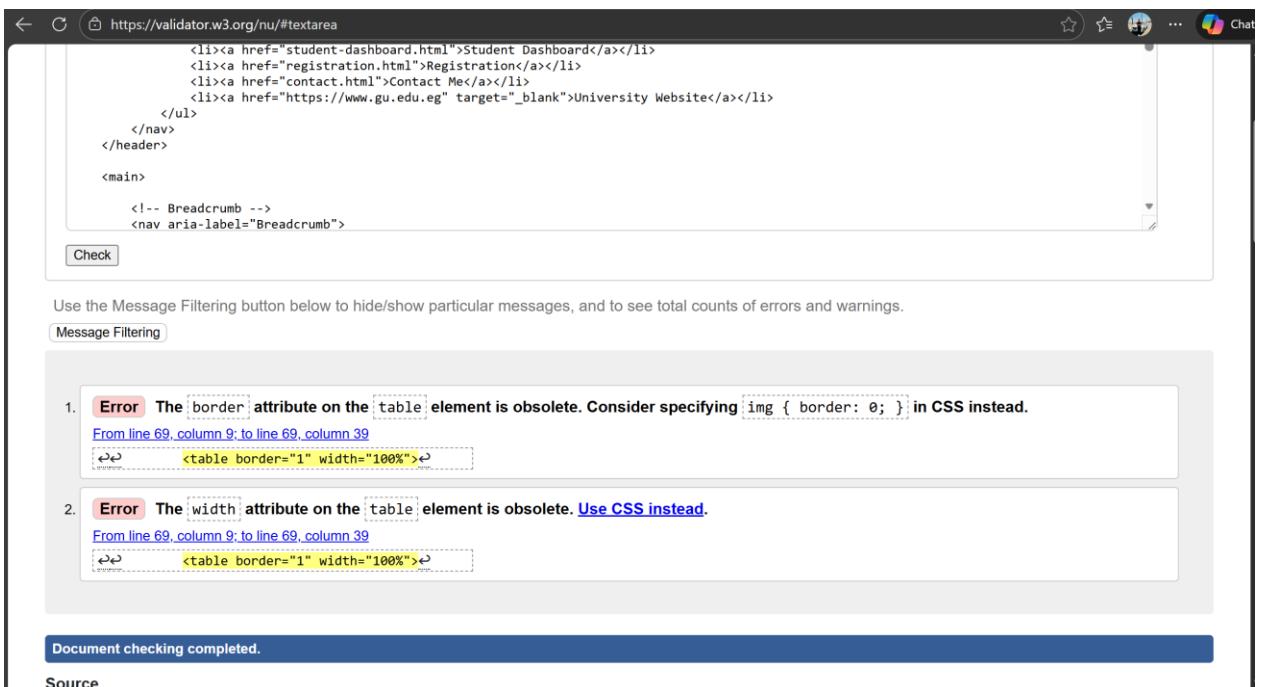


Figure 4: Contact Page Initial Validation Errors

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.

The screenshot shows the W3C Validator interface with the URL <https://validator.w3.org/nu/#textarea>. The page content is pasted into the text area, including navigation links and a main section. A 'Check' button is visible. Below the text area, there's a message about using the 'Message Filtering' button. A green bar at the bottom indicates 'Document checking completed. No errors or warnings to show.' The source code is also displayed below the main content area.

```
<li><a href="contact.html">Contact Me</a></li>
<li><a href="https://www.gu.edu.eg/" target="_blank">University Website</a></li>
</ul>
</nav>
</header>

<nav aria-label="Breadcrumb">
  <span><a href="../index.html">Home</a> &gt; Registration</span>
</nav>

<main>
  <section>
```

Check

Use the Message Filtering button below to hide/show particular messages, and to see total counts of errors and warnings.

Message Filtering

Document checking completed. No errors or warnings to show.

Source

```
1. <!DOCTYPE html>
2. <html lang="en">
3. <head>
4.   <meta charset="UTF-8">
5.   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6.   <title>EduConnect - Registration</title>
7. </head>
8. <body>
```

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.

Use the Message Filtering button below to hide/show particular messages, and to see total counts of errors and warnings.

Document checking completed. No errors or warnings to show.

Source

```

1. <!DOCTYPE html>↵
2. <html lang="en">↵
3. <head>↵
4.   <meta charset="UTF-8">↵
5.   <title>Thank You for Registration</title>↵
6. </head>↵
7. <body>↵
8.   ↵

```

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.

Use the Message Filtering button below to hide/show particular messages, and to see total counts of errors and warnings.

Document checking completed. No errors or warnings to show.

Source

```

1. <!DOCTYPE html>↵
2. <html lang="en">↵
3. <head>↵
4.   <meta charset="UTF-8">↵
5.   <title>Course Catalog</title>↵
6. </head>↵
7. <body>↵
8.   ↵

```

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.

The screenshot shows the W3C Validator interface with the URL <https://validator.w3.org/nu/#textarea>. The page displays the HTML code for the course detail page, including the header, main navigation, and a sidebar with links to Overview, Syllabus, and Reviews. Below the code is a 'Check' button. A message filtering button is present. At the bottom, a green bar states 'Document checking completed. No errors or warnings to show.' The source code is also visible, showing the raw HTML structure.

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.

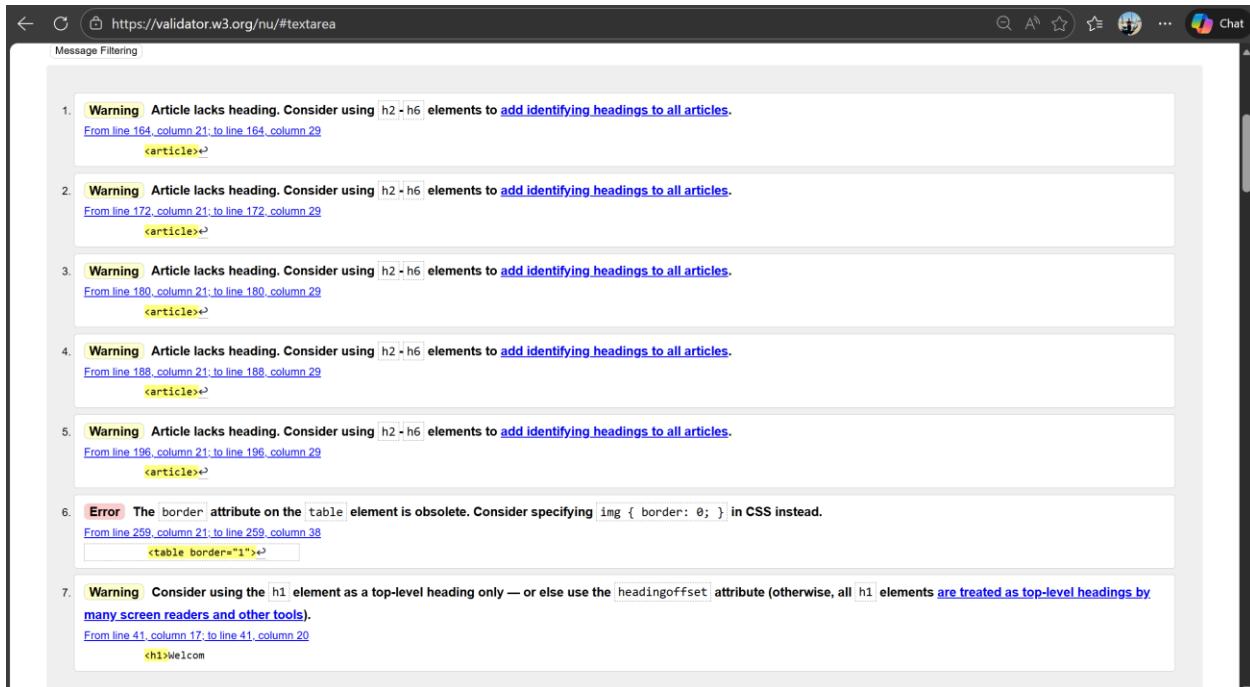


Figure 8: Student Dashboard Page Validation Results

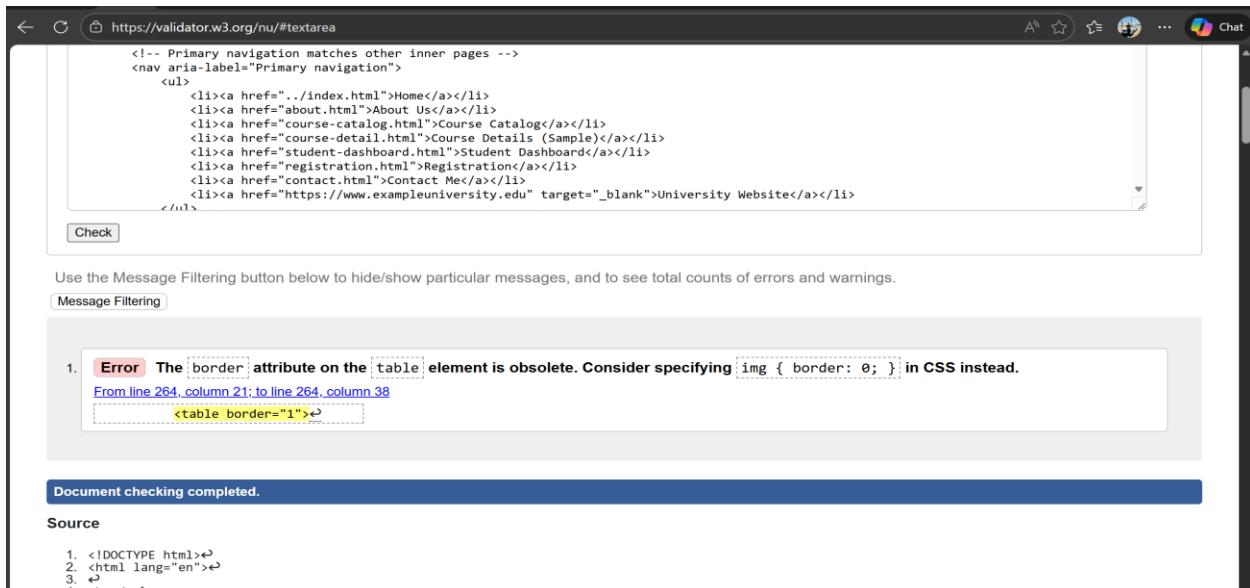


Figure 9: Student Dashboard Page After Fixing Results

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 functionality.