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Date: 8 Dec 2021

# ICTWEB519 - Q3.5

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## Introduction

This document will cover the testing procedures of the Website related to question 3.5.

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## Body

### HTML Errors

(X)HTML5 validation results for index.html

Validator Input

File Upload Choose file No file chosen

Show Image Report  
 Show Source

Group Messages

1. Error: Almost standards mode doctype. Expected `<!DOCTYPE html>`.  
From line 1, column 1; to line 2, column 40  
`<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/strict.dtd"><html`
2. Error: The `bgcolor` attribute on the `body` element is obsolete. [Use CSS instead.](#)  
From line 23, column 1; to line 23, column 26  
`></head><body bgcolor="lightblue">`
3. Error: The `width` attribute on the `td` element is obsolete. [Use CSS instead.](#)  
From line 65, column 25; to line 66, column 40  
`<tr><td width="25%">`
4. Error: The `width` attribute on the `td` element is obsolete. [Use CSS instead.](#)  
From line 66, column 46; to line 67, column 40  
`25%"></td><td width="25%">`
5. Error: The `width` attribute on the `td` element is obsolete. [Use CSS instead.](#)  
From line 70, column 30; to line 71, column 40  
`</td><td width="25%">`
6. Error: The `width` attribute on the `td` element is obsolete. [Use CSS instead.](#)  
From line 77, column 30; to line 78, column 40  
`</td><td width="25%">`

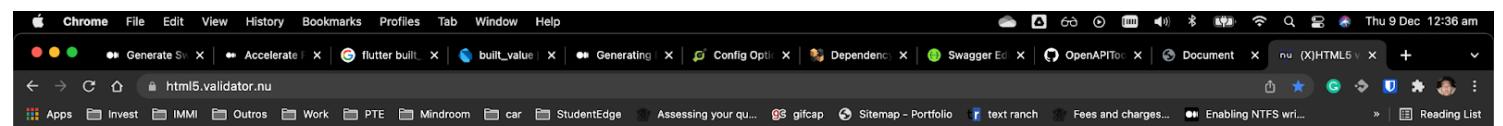
There were errors. (Tried in the text/html mode.)

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After fixes:

```
9 <title>Document</title>
10 <style>
11   body{background-color: #lightblue}
12   table{width:90vw; margin: 0 auto;}
13   td{text-align: center;}
14   .fitCTA{object-fit: cover; width: 90vw; height: 40vh;}
15   a{color:#black; font-size: 1.2em; margin-right:1em; text-decoration: none;}
16   a:hover{color:##687aaa;}
17   .wwd{background-color: #rgba(255, 228, 196, 0.3);}
18   .wwd img{width: 400px;}
19   .oe{background-color: #rgba(71, 173, 177, 0.3);}
20   .oe img{width:400px;}
21   .gi{background-color: #rgba(243, 243, 48, 0.3);}
22   .gi img{width: 400px;}
23   .tdw25{width: 25%;}
24 </style>
```



#### (X)HTML5 validation results for index.html

Validator Input

No file chosen  
 Show Image Report  
 Show Source

The document is valid HTML5 + ARIA + SVG 1.1 + MathML 2.0 (subject to the utter previewness of this service).

Used the HTML parser.

Total execution time 6 milliseconds.

[About this Service](#) • [More options](#)

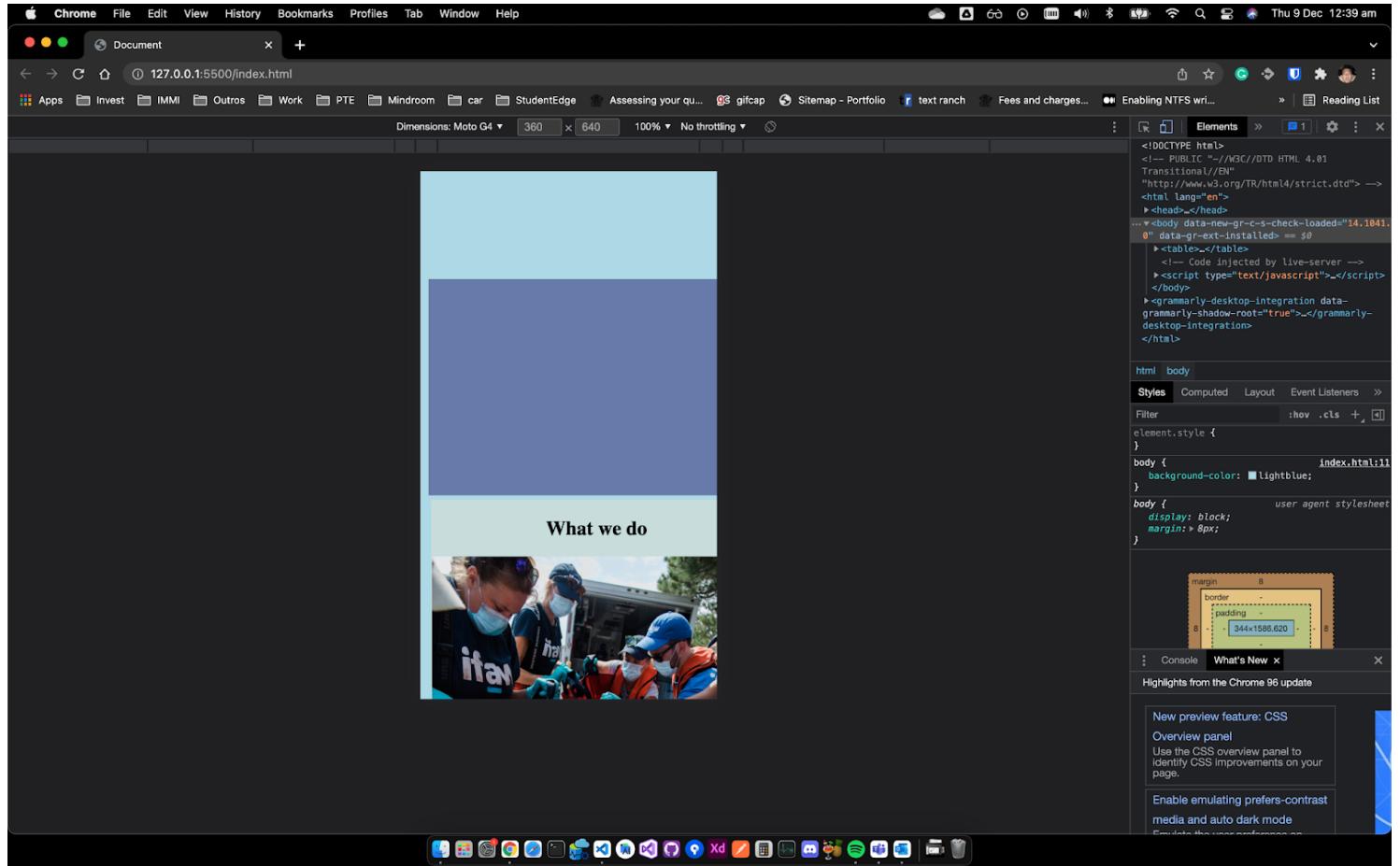


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The site didn't conform to mobile displays, implemented "vw" to resolve it.

Before:



After:

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The screenshot shows a web browser window on a Mac OS X desktop. The browser is displaying a local file at [127.0.0.1:5500/index.html](http://127.0.0.1:5500/index.html). The page content includes a header with links for Home, What We do, Get Involved, and Contact Us. Below the header is a large image of two dolphins swimming. The main content area is divided into three sections: 'What we do' (with a photo of people interacting with dolphins), 'Our Events' (with a photo of a stage or event), and 'Get Involved' (with a photo of people). The browser's developer tools are open, showing the HTML and CSS code for the page, and the Elements panel highlights a specific element with a bounding box of 344x1149.620.

```
<!DOCTYPE html>
<!-- PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/strict.dtd"> -->
<html lang="en">
  <head></head>
  <body data-new-gr-c-s-check-loaded="14.1841.0" data-gr-ext-installed="">
    <!-- Code injected by live-server -->
    <script type="text/javascript"></script>
  </body>
</html>
```

```
html body
Styles Computed Layout Event Listeners >
Filter :hov .cls + [ ]
element.style { }
body { styles.css?_974876200:1
background-color: #lightblue;
}
body { user agent stylesheet
display: block;
margin: 8px;
}
```

Console What's New x  
Highlights from the Chrome 96 update  
New preview feature: CSS Overview panel  
Use the CSS overview panel to identify CSS improvements on your page.  
Enable emulating prefers-contrast media and auto dark mode

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The website didn't provides alt-text for non-trivial images, implemented alt text.

Before:

The screenshot shows a code editor interface with two tabs: "index.html" and "styles.css". The "index.html" tab is active, displaying the following HTML code:

```
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
    <link href="styles.css" rel="stylesheet" />
  </head>
  <body>
    <table>
      <tr>
        <td>
          <table>
            <tr style="background-color: #fff;">
              <td>
                <a href="#" style="font-size: 2em;">Home</a>
                <a href="#" style="font-size: 2em;">What We do</a>
                <a href="#" style="font-size: 2em;">Get Involved</a>
              </td>
              <td><a href="#" style="font-size: 2em;">Contact Us</a></td>
            </tr>
          </table>
        </td>
      </tr>
      <tr>
        <td style="background-color: #f6f7aa;"></td>
      </tr>
      <tr>
        <td>
          <table>
            <tr>
              <td class="w1">
                <h2>What we do</h2>
                
              </td>
              <td class="o1">
                <h2>Our Events</h2>
                
              </td>
              <td class="g1">
                <h2>Get Involved</h2>
                
              </td>
            </tr>
          </table>
        </td>
      </tr>
      <tr>
        <td class="tdw25"></td>
      </tr>
    </table>
```

The code editor has a search bar at the top left with the text "alt=" selected. A sidebar on the left shows a file tree with "index.html" selected. The status bar at the bottom right shows "In 24, Col 26 Spaces: 4 UTF-8 CRLF HTML Port: 5560 Prettier".

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After:

The screenshot shows a code editor interface with the file 'index.html' open. The code is a multi-table layout for a website. The tables are styled with various colors and fonts. Several images are included, each with an alt attribute describing the image's content. The code editor has a sidebar on the left with file navigation and a status bar at the bottom.

```
index.html — ICTWEB519-q3.5
index.html # styles.css
index.html > html > body > table > tr > td > table > tr
7   <meta http-equiv="X-UA-Compatible" content="IE=edge">
8   <meta name="viewport" content="width=device-width, initial-scale=1.0">
9   <title>Document</title>
10  <link href="styles.css" rel="stylesheet" />
11  </head>
12  <body>
13    <table>
14      <tr style="background-color: #007bff; color: white;">
15          <td>
16              <table>
17                  <tr style="background-color: #fff; border-bottom: 1px solid black; padding: 10px; text-align: center;">
18                      <td>
19                          <a href="#" style="font-size: 2em; color: inherit; text-decoration: none;">Home</a>
20                          <a href="#" style="font-size: 2em; color: inherit; text-decoration: none;">What We Do</a>
21                          <a href="#" style="font-size: 2em; color: inherit; text-decoration: none;">Get Involved</a>
22                      </td>
23                      <td><a href="#" style="font-size: 2em; color: inherit; text-decoration: none;">Contact Us</a></td>
24                  </tr>
25              </table>
26          </td>
27      </tr>
28      <tr style="background-color: #f0f0f0; padding: 10px; text-align: center;">
29          <td style="background-color: #f0f0f0; padding: 10px; text-align: center;">
30              
31          </td>
32      </tr>
33      <tr style="background-color: #fff; padding: 10px; text-align: center;">
34          <td>
35              <table>
36                  <tr>
37                      <td class="wd">
38                          <h2>What We Do</h2>
39                          
40                      </td>
41                      <td class="oe">
42                          <h2>Our Events</h2>
43                          
44                      </td>
45                      <td class="gi">
46                          <h2>Get Involved</h2>
47                          
48                      </td>
49                  </tr>
50              </table>
51          </td>
52      </tr>
53      <tr style="background-color: #f0f0f0; padding: 10px; text-align: center;">
54          <td>
55              <table>
56                  <tr>
57                      <td class="tdw25">
58                          <h2>About Us</h2>
59                          <p style="text-align: left; margin-left: 20px; font-size: 0.8em; color: #888; font-style: italic;">Lorem ipsum dolor sit amet consectetur adipisicing elit. Ipsam et, corrupti exercitationem quas erat laudantium fugiat quisquam tempore.
```

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## Remove use of tag Table

Result:

Home What We do Get Involved Contact Us



What we do



Our events



Get involved



### About Us

Loreum ipsum dolor sit amet consectetur adipisicing elit. Ipsum et, corrupti exercitationem quaerat laudantium fugiat quisquam tempora labore perferendis numquam repudiandae eveniet dolorem iure commodi molestias non facere officia? Maiores!

### Social Media

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