WEBSITE TESTING BAGIAN 1

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Apa yang Diuji?

- HTML VALIDATION TEST
- CSS VALIDATION TEST
- JAVASCRIPT CODE QUALITY TEST

HTML VALIDATION TEST

Apa itu HTML VALIDATION TEST?

- Digunakan untuk memeriksa kebenaran dokumen yang dideklarasikan dalam DOCTYPE.

- Pengujian dilakukan untuk memeriksa apakah ada kesalahan / error penulisan HTML code atau peringatan (warning) pada website tersebut.

Jalankan HTML VALIDATION TEST

- Situs website yang akan diujicoba : **usm.ac.id**

- Buka browser kemudian ketikkan alamat **https://validator.w3.org/**

- Setelah masuk ketikkan situs website yang diujicoba : **usm.ac.id**

- Klik Check

- Tunggu sebentar dan lihat hasilnya

ANALISIS HTML VALIDATION TEST

□ Silakan anda lihat ada berapa Error dan Warning

□ Jika masih bingung ada berapa Error dan Warning yang ditampilkan, anda bisa klik Message Filtering untuk menghitung secara otomatis berapa banyak Error dan Warning yang ditampilkan.

Menampilkan Hasil Lebih Banyak

- Pada Checker Input, centang semua pada source, outline dan image report.

- Klik Check

- Tunggu sebentar dan lihat hasilnya.

Manual Input HTML VALIDATION TEST

- Pada check by ada pilihan Address, File Upload dan Text Input.

- Jika memilih **Address** akan diuji secara otomatis website yang sudah online.

- Jika memilih **File Upload** maka kita dapat memasukkan script website berformat HTML.

- Jika memilih **Text Upload** maka kita dapat mengetikkan secara manual HTML code untuk diuji.

ANALISIS ERROR DAN WARNING

Press the Message Filtering button to collapse the filtering options and error/warning/info counts.

Message Filtering

Errors (34) · Hide all errors · Show all errors

1 ☑ Element `h2` not allowed as child of element `span` in this context. (Suppressing further errors from this subtree.)

2 ☑ Bad value `100%` for attribute `width` on element `img`: Expected a digit but saw `%` instead. (11)

3 ☑ An `img` element must have an `alt` attribute, except under certain conditions. For details, consult guidance on providing text alternatives for images. (16)

4 ☑ Stray end tag `img`. (2)

5   Attribute `___` not allowed on element `___` at this point. (2) · Hide all · Show all

    5.1 ☑ Attribute `width` not allowed on element `a` at this point.

    5.2 ☑ Attribute `width:'80%'` not allowed on element `img` at this point.

6 ☑ Quote `'` in attribute name. Probable cause: Matching quote missing somewhere earlier. (2)

Warnings (2) · Hide all warnings · Show all warnings

1 ☑ Attribute `width:'80%'` is not serializable as XML 1.0.

2 ☑ This document appears to be written in Indonesian but the `html` start tag has `lang="en-US"`. Consider using `lang="id"` (or variant) instead.

LAKUKAN PENGUJIAN LAGI

- Buka browser kemudian ketikkan alamat **https://validator.w3.org/**

- Setelah masuk ketikkan situs website yang diujicoba : **<u>ftik.usm.ac.id</u>**

- Klik Check

- Tunggu sebentar dan lihat hasilnya

ANALISIS ERROR

Errors (33) · Hide all errors · Show all errors

1   Attribute `____` not allowed on element `____` at this point. (11) · Hide all · Show all

    1.1 ☑ Attribute `itemprop` not allowed on element `meta` at this point.

    1.2 ☑ Attribute `kcite-section-id` not allowed on element `div` at this point.

    1.3 ☑ Attribute `datetime` not allowed on element `span` at this point. (9)

2 ☑ The `itemtype` attribute must not be specified on elements that do not have an `itemscope` attribute specified. (18)

3   The `____` attribute on the `____` element is obsolete. Use CSS instead. (2) · Hide all · Show all

    3.1 ☑ The `frameborder` attribute on the `iframe` element is obsolete. Use CSS instead.

    3.2 ☑ The `scrolling` attribute on the `iframe` element is obsolete. Use CSS instead.

4 ☑ No `p` element in scope but a `p` end tag seen.

5 ☑ The `itemprop` attribute was specified, but the element is not a property of any item.

ANALISIS WARNING

Warnings (8) · Hide all warnings · Show all warnings

1   The `___` role is unnecessary for element `___`. (2) · Hide all · Show all

   1.1 ☑ The `banner` role is unnecessary for element `header`.

   1.2 ☑ The `contentinfo` role is unnecessary for element `footer`.

2 ☑ Document uses the Unicode Private Use Area(s), which should not be used in publicly exchanged documents. (Charmod C073)

3   Element `___` does not need a `___` attribute. (3) · Hide all · Show all

   3.1 ☑ Element `nav` does not need a `role` attribute. (2)

   3.2 ☑ Element `main` does not need a `role` attribute.

4 ☑ Section lacks heading. Consider using `h2`-`h6` elements to add identifying headings to all sections.

5 ☑ This document appears to be written in Indonesian but the `html` start tag has `lang="en-US"`. Consider using `lang="id"` (or variant) instead.

Lakukan Pengujian Sekali Lagi

- Silakan anda lakukan pengujian lagi di website-website besar seperti :
- **Facebook.com**
- **Twitter.com**
- Atau anda bisa lakukan pengujian di website-website universitas lain seperti
- **Dinus.ac.id**
- **Undip.ac.id**

Top Sites in Indonesia ⓘ

http://www.alexa.com/topsites/countries%3B0/ID

Global   By Country   By Category

GROW YOUR BUSINESS USING ALEXA

✔ Keyword Difficulty Tool
✔ Competitor Keyword Matrix
✔ On-Page SEO Checker
✔ SEO Audit Tool
✔ Audience Overlap Tool
✔ Competitive Intelligence

Start

1   Google.com
Enables users to search the world's information, including webpages, images, and videos. Offers...More

2   Google.co.id
This guide will introduce you to all the different ways you can use Google Talk. ... The Google...More

3   Youtube.com
YouTube is a way to get your videos to the people who matter to you. Upload, tag and share your...More

4   Facebook.com
A social utility that connects people, to keep up with friends, upload photos, share links and ...More

5   Tribunnews.com
TRIBUNNEWS.COM :: Berita Terkini Indonesia Diterbitkan TRIBUN-Network "The National's Loca...More

6   Detik.com
detikcom is pioneer online media company in Indonesia, provides the most updated & comprehe...More

CSS VALIDATION TEST

Apa itu CSS VALIDATION TEST

- Pemeriksaan / pengujian terhadap external style sheet yang terdapat pada website.

- CSS ada yang include pada HTML code dan ada yang exlude terpisah dari HTML code atau diimport/dipanggil dari file .css

CSS VALIDATION TEST

- Masuk ke browser

- Ketikkan alamat di url browser : **http://jigsaw.w3.org/css-validator/**

- Masukkan alamat website yang aka diuji misalnya ftik.usm.ac.id

ANALISIS ERROR DAN WARNING

The W3C CSS Validation Service
W3C CSS Validator results for http://ftik.usm.ac.id (CSS level 3)

Jump to: Errors (70)   Warnings (526)   Validated CSS

W3C CSS Validator results for http://ftik.usm.ac.id (CSS level 3)

Sorry! We found the following errors (70)

URI : http://ftik.usm.ac.id/wp-content/themes/enfold/css/grid.css?ver=2

186	.row, .clearfix	Property zoom doesn't exist : 1

URI : http://ftik.usm.ac.id/wp-content/themes/enfold/css/base.css?ver=2

120	a	Value Error : max-width Too many values or values are not recognized : none\000009
156	img, a img	Property image-rendering doesn't exist : optimizeQuality

URI : http://ftik.usm.ac.id/wp-content/themes/enfold/css/layout.css?ver=2

616	.logo img	Property image-rendering doesn't exist : auto
619	.logo img	Value Error : height Too many values or values are not recognized : 100% \000009
620	.logo img	Value Error : height Too many values or values are not recognized : auto\000009
973	.avia-arrow	Value Error : visibility hidden\000009 is not a visibility value : hidden\000009

CSS LEVEL

- Untuk saat ini terdapat tiga versi CSS, yaitu CSS1, CSS2, dan CSS3. CSS1 dikembangkan berpusat pada pemformatan dokumen HTML, CSS2 dikembangkan untuk memenuhi kebutuhan terhadap format dokumen agar bisa ditampilkan di printer, sedangkan CSS3 adalah versi terbaru dari CSS yang mampu melakukan banyak hal dalam desain website.

- CSS2 mendukung penentuan posisi konten, downloadable, huruf font, tampilan pada tabel /table layout dan media tipe untuk printer. Kehadiran versi CSS yang kedua diharapkan lebih baik dari versi pertama dan kedua.

CSS LEVEL 3

- CSS3 juga dapat melakukan animasi pada halaman website, di antaranya animasi warna hingga animasi 3D. Dengan CSS3 desainer lebih dimudahkan dalam hal kompatibilitas websitenya pada smartphone dengan dukungan fitur baru yakni media query.

- Selain itu, banyak fitur baru pada CSS3 seperti: multiple background, border-radius, drop-shadow, border-image, CSS Math, dan CSS Object Model.

MEMILIH CSS LEVEL

☐ Masuk ke browser

☐ Ketikkan alamat di url browser : **http://jigsaw.w3.org/css-validator/**

☐ Klik More Options -> Profile

☐ Pilih CSS Level yang diinginkan

☐ Jika ingin mobile version berarti website tersebut juga support jika ditampilkan di browser smartphone, contoh: m.detik.com

MOST IMPORTANT

Jump to: Errors (70)   Warnings (491)   Validated CSS

W3C CSS Validator results for http://ftik.usm.ac.id (CSS level 3)

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URI : http://ftik.usm.ac.id/wp-content/themes/enfold/css/grid.css?ver=2

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JAVASCRIPT CODE QUALITY TEST

JAVASCRIPT CODE QUALITY TEST

- Buka usm.ac.id di browser
- Kemudian tekan CTRL+U untuk melihat source code website
- Tekan CTRL+F
- Ketikkan javascript

JAVASCRIPT CODE QUALITY TEST

- Cari kode javascript sebagai berikut :
- `<script type='text/javascript'>`
- `/* <![CDATA[ */`
- `var tievar = {'go_to' : 'Go to...'};`
- `var tie = {"ajaxurl":"http://usm.ac.id/wp-admin/admin-ajax.php" , "your_rating":"Your Rating:"};`
- `/* ]]> */`
- `</script>`

JAVASCRIPT CODE QUALITY TEST

- Buka **http://www.jslint.com/** di tab baru browser anda.

- Copy javascript code tadi dan pastekan di area source code pengujian

- Tekan JSLint dan lihat hasilnya di bawah

ANALISIS JAVASCRIPT CODE QUALITY TEST

Warnings
JSLint was unable to finish.

Use double quotes, not single quotes.

```
<script type='text/javascript'>
```

Use spaces, not tabs.

```
        /* <![CDATA[ */
```

Use spaces, not tabs.

```
        var tievar = {'go_to' : 'Go to...'};
```

Use double quotes, not single quotes.

```
        var tievar = {'go_to' : 'Go to...'};
```

Use double quotes, not single quotes.

```
        var tievar = {'go_to' : 'Go to...'};
```

Use spaces, not tabs.

```
        var tie = {"ajaxurl":"http://usm.ac.id/wp-admin/admin-ajax.php" , "your_rating":"Your Rating:"};
```

Use spaces, not tabs.

```
        /* ]]> */
```

Expected '/'.

```
</script>
```

Tulis Laporan Pengujian

- Kalau anda sudah menguji (HTML Validation Test, CSS Validation Test, Javascript Code Quality Test) minimal 3 website silakan anda buat laporannya.

- Satu mahasiswa dengan mahasiswa lain berbeda untuk situs website yang diuji.

- Laporan berisi alamat situs yang diuji, hasil pengujian berupa screenshots (jumlah error dan warning)

- Jelaskan secara singkat error dan warning yang dimaksud