## **ASSIGNMENT-1(Course: CSE-326)**

Check the 6(min) to 15(max) websites to evaluate on the basis of following criteria.

Time to Submit the assignment: Friday (5 PM).

Marks: 10

## **Criteria for Evaluating the Quality of a Web Site**

What to check :  
(1)Responsiveness

(2)Accessibility

(3)UI/UX design

(4)Content

(5)Interface design(How user uses through the system)

(6)Waiting time & Session Time (Average time a user waits and uses the system)

(7) User Experience

(8) Purpose(Serves the purpose)

(9) Creativeness/ Originality(Is it unique)

(10)Limitation

Example:  
Evaluating system name: Google.com

(1)Responsiveness: Very high

(2)Accessibility: Highly Accessible

(3)UI/UX design : Optimized (Font, Logo and Color is optimized)

(4)Content : Not Specific.

(5)Interface design: High percentage of user.

(6)Waiting time & Session Time : Almost none & Very high.

(7) User Experience : High

(8) Purpose(Serves the purpose) : Search Engine that is Optimized

(9) Creativeness/ Originality : Original(Logo changes with events)

(10)Limitation : Very Commercial, sometimes we can not find the desired

Information, less structured, creates very high non-optimized search results.

## **Evaluating the Quality of a Web Site**

Judging the quality of a website can be very subjective.  Sites are created for a variety of reasons -- for art, education, entertainment, commercial and business purposes, as well as for information or personal use. The quality of a website must be judged within the context of its purpose; however there are a few rules that all websites should follow. To find out more about these guidelines, visit the [**World Wide Web Consortium**](http://www.w3.org/).  This organization is attempting to create guidelines and specifications for the Web that promote universal access, responsible use, and user friendliness.  When judging a website, be sure to examine the five areas listed below.  These criteria are taken loosely  from the judging criteria at [**World Best Websites**](http://www.worldbestwebsites.com/criteria.htm)  which has a five-star points system for determining the "best" sites on the Web.

### 1. Accessibility

It is important that a website be as universally accessible as possible. For a website to be highly accessible, it will load quickly, and be viewable in different browsers, operating systems and monitor resolutions. It will also provide access to people with disabilities and from different levels of educational and cultural backgrounds. When making a Web site, follow the guidelines of the [**Web Accessibility Initiative**](http://www.w3.org/WAI/). A good way to verify that your website is very accessible is to use a tool such as the free HTML validation service from the World Wide Web Consortium at [**http://validator.w3.org/**](http://validator.w3.org/).  For tips on writing HTML with high accessibility, see the University of Washington's [**Access IT**](http://www.washington.edu/accessit/) website.

### 2. Design

The design of a website is a very important element to consider when judging overall quality. Good websites have a design that is visually appealing, readable, easy to navigate, and reinforces the purpose of the site while giving it a unified look and feel. The [**Web Style Guide**](http://www.webstyleguide.com/) is an excellent resource for the basics of website, Web page, and Web graphic design.

### **3. Content**

Use the Criteria for Assessing the Quality of Information listed above: accuracy, authority, objectivity, currency, and coverage.

### 4. Technological  Aspects and Interactivity

You can judge a site on how the technologies used add to (or detract from) the purpose of the site. The site should use new technologies and the multimedia nature of the Web to allow user interactivity and make the experience different from reading a book, listening to the radio or watching a TV show.  Message and bulletin boards, surveys, videos, games, online tests, audio selections, chat rooms, broadcasting, and search technologies are just a few of the ways technology can be used to make a website more interactive.

### 5. Creativeness/Originality

Creative and original websites can be more fun to use because of their novelty and ingenuity. A good website is distinguishable from other websites, and should give you something that you can't find elsewhere. It should be distinct and memorable and give a good over-all impression.

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You should consider these criteria for evaluating Web resources for information (**Accuracy, Authority, Objectivity, Currency, Coverage, and Relevancy**).

**Accuracy**

* Is the website well-researched and information properly cited?
* Are facts and statistics documented?
* Can the information be verified in other sources?
* Is the page well-written and organized?

**Authority**

* Can you identify the author of the website?  An author can be an individual, company, educational institution, government agency, non-profit organization, etc.
* What are the qualifications or credentials of the author?  Is the author affiliated with a reputable institution?

**Objectivity**

* Are there biases in the Web page?  Is this the site of a company selling products or an individual/organization with a specific agenda?
* Are the goals or aims of the author clearly stated?

**Currency**

* Is there a date when the website was last updated?
* Are the links from the site up-to-date?

**Coverage**

* How does the information compare with other sources available on the topic?
* What is the reading level of the material?
* Are there references or links to more information?

**Relevancy**

* The website may be cool, but is the content appropriate for your needs?

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Reference:

(1)*Trio Training* by *University of Washington*. Link:

<http://depts.washington.edu/trio/trioquest/resources/web/assess.php>

(2) CCRI library. Link:

<https://www.ccri.edu/library/help/evalsites.html>

(3) CC Online library. Link:

<https://ccconline.libguides.com/c.php?g=242130&p=1609638>