## ASSIGNMENT

## ON

## **CRITERIA FOR EVLUATING THE QUALITY OF A WEBSITE**

COURSE NAME: SYSTEM ANALYSIS AND DESIGN

COURSE CODE: CSE 326

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## **CRITERIA FOR EVLUATING THE QUALITY OF A WEBSITE**

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 cannot find the desired .Information, less structured, creates very high non-optimized search results.

Evaluating system name: Youtube.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 cannot find the desired .Information, less structured, creates very high non-optimized search results.

Evaluating system name: Amazon.com

(1) Responsiveness:

Very high

(2) Accessibility:

Highly Accessible

(3) UI/UX design:

Not totally optimized. (Font, Logo and Color is not optimized)

(4) Content:

Not Specific.

(5) Interface design:

Mid percentage of user.

(6) Waiting time & Session Time:

Almost none & mid-level.

(7) User Experience:

Mid-level

(8) Purpose (Serves the purpose):

E-commerce Site (company to customer)

(9) Creativeness/ Originality:

Original (Logo changes with events).

(10) Limitation:

Very commercial, sometimes we cannot find the desired .Pay much extra money for home delivery.

Evaluating system name: Github.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:

Low percentage of user.

(6) Waiting time & Session Time:

5 /10 seconds & high. (For git push)

(7) User Experience:

High.

(8) Purpose (Serves the purpose):

Server for put file (file push)

(9) Creativeness/ Originality:

Original (Logo changes with events).

(10) Limitation:

Version change system need some update..

Evaluating system name: Stackoverflow.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:

Low percentage of user. (Developers)

(6) Waiting time & Session Time:

high & Very high.

(7) User Experience:

Mid.

(8) Purpose (Serves the purpose):

Search Engine (Question and answer).

(9) Creativeness/ Originality:

Original (Logo changes with events).

(10) Limitation:

Structured, Home page need some updates.

Normal user didn,t match this page…So need simple and easy version.

Evaluating system name: Laravel.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:

Mid percentage of user (Web design)

(6) Waiting time & Session Time:

Almost none & Very high.

(7) User Experience:

Mid.

(8) Purpose (Serves the purpose):

Web design (Framework).

(9) Creativeness/ Originality:

Original (Logo changes with events).

(10) Limitation:

Information, less structured, make update and fixed admin login auth command.

Evaluating system name: Bikroy.com

(1) Responsiveness:

Mid-level

(2) Accessibility:

Highly Accessible

(3) UI/UX design:

Optimized. (Font, Logo and Color is optimized)

(4) Content:

Not Specific.

(5) Interface design:

Low percentage of user.

(6) Waiting time & Session Time:

Almost 10/15 seconds & very low.

(7) User Experience:

Low.

(8) Purpose (Serves the purpose):

E-commerce site (customer to customer)

(9) Creativeness/ Originality:

Original (Logo changes with events).

(10) Limitation:

Very commercial, sometimes we cannot find the desired .Information, less structured, Make add-to-cart System.

Home Services.

Evaluating system name: W3school.com

(1) Responsiveness:

Mid-Level

(2) Accessibility:

Highly Accessible

(3) UI/UX design:

Optimized. (Font, Logo and Color is optimized)

(4) Content:

Not Specific.

(5) Interface design:

Mid percentage of user.

(6) Waiting time & Session Time:

Almost none but not High.

(7) User Experience:

Almost High.

(8) Purpose (Serves the purpose):

Education (html, css , php , javascript , android etc.)

(9) Creativeness/ Originality:

Original (Logo changes with events).

(10) Limitation:

Very commercial, sometimes we cannot find the desired .Need more Example Codes…

Evaluating system name: prothomalo.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. (Bangladesh peoples)

(6) Waiting time & Session Time:

Almost none & Very high.

(7) User Experience:

Almost High.

(8) Purpose (Serves the purpose):

News

(9) Creativeness/ Originality:

Original (Logo changes with events).

(10) Limitation:

Banner Ads, Limitation of Internet Access.

Evaluating system name: Pathao.com

(1) Responsiveness:

Mid-level

(2) Accessibility:

Highly Accessible

(3) UI/UX design:

Good Optimized. (Font, Logo and Color is optimized)

(4) Content:

Not Specific.

(5) Interface design:

Low percentage of user.

(6) Waiting time & Session Time:

Almost none.

(7) User Experience:

None.

(8) Purpose (Serves the purpose):

Pathao exists to serve. Everything do impact thousands of people.

(9) Creativeness/ Originality:

Original (Logo changes with events).

(10) Limitation:

Fine. But there are some issues that needs to fixed.

# **8 Principles of Good Website**

### 1. Simple is the best

Over-designed website may not work. Putting too many elements on the page may lead to distract visitors from the main purpose of your website. Simplicity always works in an effective web page design. Clean and fresh design of your website not only makes the website appealing, but also help user to navigate from one page to another seamlessly. Loading a website having design features which do not serve the purpose may be frustrating. Keep your design as simple as possible so that the visitors can feel it easy-to-use and can find their ways easily.

### 2. Consistency

Consistency in website design matter a lot. Give your attention to match design elements throughout each of the pages. It can be understood that your fonts, sizes, headings, sub-headings, and button styles must be the same throughout the website. Plan everything in advance. Finalize the fonts and the right colors for your texts, buttons etc., and stick to them throughout the development. CSS (Cascading Style Sheets) would come in handy to keep the complete information about design styles and elements.

### 3. Typography & Readability

No matter how good your design is text still rules the website as it provides users the desired information. Since search engine crawlers are very much familiar with this data, it becomes an integral part of SEO activities. You should keep your typography visually appealing and readable for visitors, along with tricky use of keywords, meta-data, and other SEO-sensitive elements.  
Consider using fonts that are easier to read. The modern sans-serif fonts as Arial, Helvetica etc. can be used for the body texts. Make proper combinations of typefaces for each and every design elements such as headlines, body texts, buttons etc.

### 4. Mobile compatibility

Keeping in mind the ever-growing usage of smartphones, tablets and phablets, web design must be effective for various screens. If your website design doesn’t support all screen sizes, chance is that you’ll lose the battle to your competitors. There are a number of web design studios or service points from where you can turn your desktop design into a responsive and adaptive one for all screen sizes.

### 5. Color palette and imagery

A perfect color combination attracts users while a poor combination can lead to distraction. This necessitates you to pick a perfect color palette for your website which can create a pleasing atmosphere, thus leaving a good impact on visitors. Enhance users experience by selecting complementary color palette to give a balanced-look to your website design. Remember to white space use as it avoids your website from visual clutter and mess. Also avoid using too many colors. 3 or 4 tones for the whole websites are ample to give appealing and clear design.  
Same is the case with images. Don’t use multiple vibrant images

### 6. Easy loading

No one likes the website that takes too much time to load. So take care of it by optimizing image sizes, combing code into a central CSS or JavaScript file as it reduces HTTP requests. Also, compress HTML, JavaScript and CSS for enhanced loading speed.

### 7. Easy Navigation

Study shows that visitors stay more time on the websites having easy navigation. For effective navigation, you may consider creating a logical page hierarchy, using bread scrums, and designing clickable buttons. You should follow the “three-click-rule” so that visitors can get the required information within three clicks.

### 8. Communication

The ultimate purpose of the visitors is to get information, and if your website is able to communicate your visitors efficiently, most probably they would spend more time on your website. Tricks that may work to establish effortless communication with the visitors are – organizing information by making good use of headlines and sub-headlines, cutting the waffle, and using bullet points, rather than long gusty sentences.