



Academic Year : 2022-23

SUBJECT: Web Technology

CLASS: TE-A

SEMESTER: 6

ASSIGNMENT NO: Case Study

DATE OF SUBMISSION:

NAME OF STUDENT:

ROLL NO:

TOPIC: Evaluation of Website

Department of Computer Engineering

SR NO	Website URL	Purpose of website	Things liked in that website	Things disliked on the website	Overall evaluation of the website (Good/Bad)
1.	http://ppfueldeveloperhacks.herokuapp.com	To educate about Pyrolysis process and products	Very good frontend and the idea of the website	Page takes time to render	Good
2.	https://www.udemy.com	Provide online courses and certifications	Dynamic and effective. Authentication and security	Few bugs while replaying the pre-watched videos	Good
3.	https://arngren.net	Automobiles and electronics sales	Concept of advertising products by displaying details all together	Poor navigation. Confusing typography. Incorrect color usage. Clustered sections	Bad
4.	https://www.suzanncollinsbooks.com	Reviews and sales of author's books	Listing books with book covers, about section.	Poor frontend Scattered divs and sections No authentication And security page	Bad
5.	http://www.mrbottles.com	Antique Bottle collections and showcase website	Good frontend Showcasing items and about section, Back to top feature.	No order or formatting User-hostile navigation Excessive content	Bad

Department of Computer Engineering

Final Evaluation and identifying design issues which should be considered while developing a website

Website accessibility: The Web is basically designed to work for all people, irrespective of the culture, language, location, or physical or mental ability. However, one of the major challenges a web designer faces is to enhance the accessibility of websites. A good designer should ensure that the website is not only accessible across the world but also its various features are fully functional as well.

Compatibility with browsers: With the introduction of different browsers, designers are constantly facing the challenge of building a website which is compatible with almost all the major browsers. After designing a website, it should be tested on all browsers to ensure that the website is completely functional.

Navigational structure: Navigational structure is one of the vital aspects of any website, as the usability of the website is based on an excellent navigational structure. Hence, in order to avoid any such issues, designers have to ensure that they provide a proper navigational structure to the users.

Positioning of content: Another prominent aspect of a website is that the users should find it readable. While designing the structure of the website, the designer should place the content in such a manner that it enhances easy reading. In addition, use suitable colours when it comes to font.

Challenges in creating a responsive website

The process of creating a responsive website is a major challenge for designers as it involves a wide array of devices, code frameworks, scripts, and of course, the constant need to work in an innovative way with clients to effectively manage the process.

Here are some of the major issues faced by designers while building a responsive website:

- When compared to a desktop site, building a responsive website takes a significant amount of time.
- In responsive websites, the content should be prioritized for mobile use. For smaller screens, the designer must know precisely what matters, the devices that people use, their circumstances, and their unique goals.
- Interaction in desktop sites and mobile devices are different.
- Responsive websites recognize media queries to assess the screen size of every visitor and then displays the layout accurately. The issue here is that old browsers, particularly Internet Explorer version 8 and older, do not recognize media queries.
- In responsive design, scaled images instantly lose details, and hence their meaning. This is because scaling mainly happens depending on the size of the screen and not on context.
- On smaller devices, designing intuitive navigation menus becomes a real a challenge due to the limited screen size.

Conclusion:

Name & Sign of Subject In-charge:

Marks: