

ADDIS ABABA UNIVERSITY

ADDIS ABABA INSTITUTE OF TECHNOLOGY

CENTER OF INFORMATION TECHNOLOGY AND SCIENTIFIC COMPUTING

**Web Design and Development Assignment**

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1. History of the Internet

The internet has revolutionized communications unlike any other inventions. It has brought significant changes in almost every field. The technology is growing so fast due to consistent research and the dedication to improve it.

Like every major invention in the world, the internet has its history on how it came to be this dominant and useful technology. This history revolves around four distinct aspects. The first one being the technological evolution and research on packet switching and ARPANET. There’s the operations and management aspect of a global infrastructure. The 3rd one is about the social aspect, which resulted in a community of individuals working together to improve this technology for the common good. The last aspect is about commercialization aspect resulting a broadly organized and available information infrastructure.

The first ever recorded description of the social interactions that could be enabled through networking was a series of memos written by J.C.R Licklider of MIT in August 1962. His idea was of a globally interconnected set of computers through which everyone could access data easily.

2.

1. The 12 different types of websites
2. Portal

Web portals are often websites designed for internal purposes at a business, organization, or institution. They collect information in different formats from different sources into one place to make all relevant information accessible to the people who need to see it.

1. News
2. Informational
3. Business/Marketing
4. Educational
5. Entertainment
6. Advocacy
7. Blog
8. Wiki
9. Social Network
10. Content Aggregator
11. Personal
12. The guidelines for evaluating a website

There are 6 main guidelines for assessing a website. They deal with the content of the websites rather than the graphics or the website design.

1. Authority

This reveals that the person or agency responsible for a site has the qualifications to do so.

While evaluating a website for authority, the following must be considered.

* Contact Information should be clearly provided
* Credentials: the author should state qualifications and personal background that gives them the authority to present information.
* Check whether or not the site is supported by an organization or a commercial body

1. Coverage

It is difficult to measure the extent of coverage since depth in a site, through the use of links, can be infinite. One author may claim comprehensive coverage of a topic while another may cover just one aspect of a topic. The evaluation gives emphasis on:

* Does the site claim to be selective or comprehensive?
* Are the topics explored in depth?
* Do the links go to outside sites rather than its own?

1. Purpose
2. Currency
3. Accuracy
4. Objectivity