

ASSIGNMENT: 4

Web Technologies.

Web technology refers to the means by which computers communicate with each other using markup languages and multimedia packages. It gives us a way to interact with hosted information, like Website, Web technology involves the use of hypertext markup language (HTML) and cascading style sheets (CSS).

Web technology comprises many areas, including web design, web development, Web servers, web browsers, e-commerce, and content

management systems.

The goal of web technology is to make web-based applications work better, faster, and more enjoyable for people to use. It's always changing and improving, so we can make the most out of the internet and all the great things it offers.

Classification of Web Technology are:

- World wide web (WWW): It enables users to browse and access information through web browsers.
- Web Servers: They process requests and send responses to web browsers.
- Web browsers: They are the tools we use to look at web pages.

- HTML : It's a language that helps structure and show content on web pages.
- CSS : It helps make web pages look pretty by adding colors, fonts, and styles.
 - Java Script : It's a language that makes web pages do cool stuff like animations and interactive features.
 - Backend Technologies : They are the tools used to make the server-side parts of web apps work.
 - Database System : They store and retrieve data used in web apps.

Overall, web technology is super important and helps us do a lot of cool things on the internet.

Importance of web technology :

Here are some of ~~the~~ key points highlighting the importance of web technology :

1. Global Reach : The internet and web technology allow businesses to reach a worldwide audience with their products and services.
2. Cost-Effective : Web technology enables businesses to reduce costs by automating processes, improving efficiency the need for physical infrastructure.
3. Improved Communication : Web technology facilitates communication and collaboration across organizations and geographies, enabling better ~~knowledge~~ knowledge sharing and decision-making.
4. Enhanced Customer Experience : Web technology allows businesses to provide a more personalized, interactive, and engaging customer experience.

Mobile

5. Access to ~~Data~~: Web technology enables businesses to reach customers through mobile devices, which have become increasingly important in people's lives.

6. Access to data: Web technology provides vast amounts of data that can be used for analysis, insights; and informed decision-making.

7. Innovation: Web technology drives innovation by providing a platform for new products, services, and business models.

8. Social Impact: Web technology can improve social and economic outcomes by providing access to education, health-care, and other essential services.

HTML

HTML: is used to make websites. It's like the blueprint that decides what a webpage looks like and what information it has.

CSS

CSS is like the paint that goes on top of the blueprint. The webpage looks pretty and organized, with different colors, fonts, and layouts.

Javascript

Javascript: is a tool that helps make web pages more interactive and interesting. It can make things move on the page. like pop-ups or animations. It can also make sure people fill out forms correctly. Sometimes, it's used to make apps for phone or tablets.

Thankyou!