PARSHWANATH CHARITABLE TRUST'S
A.P. SHAH INSTITUTE OF TECHNOLOGY
Department of Computer Science and Engineering
Data Science

CSE DATA SCIENCE

Semester : __VII__   Subject : __MIS__   Academic Year: 2024-2025

World Wide Web (WWW)

The WWW is a network of online content that is formatted in HTML and accessed via HTTP. The term refers to all the interlinked HTML pages that can be accessed over the internet. The WWW was originally designed in 1991 in by Tim Berners-Lee. The Word Wide Web is most often referred to as "Web"
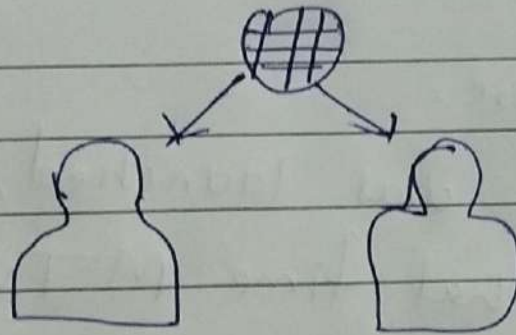
Development phases of web:

- phase 1: Web 1.0
- Phase 2: Web 2.0
- Phase 3: Web 3.0

Web 1.0

Basically, Web 1.0 this first version of the web consisted of a few people creating web pages & content for a large group of people readers, allowing them to access facts, information & content from the source.

This web web version is sometimes called read-only web because it lacks the necessary forms, visuals,

Controls and interactivity we enjoy on today's Internet.
People use the term web 1.0 to describe the earliest form of the Internet

- The World Wide Web was first appeared in 1991
- Web 1.0 was the first generation of the web.
- First browser Line Mode Browser (no images, no table) no GUI based, it was completely CUI (Console User Interface) based browser
- In 1992 first image was posted.

User typically had minimal interaction with the Web 1.0 site. Rather they passively receive information from those site
- Static in nature.
- In 1993 Mosaic was launched, which was GUI based. At that time MTV launched first website.

- In 1993 HTML, in 1995 Java script, in 1996 CSS
- launched. , in 2003 firefox, in 2004 youtube the Google, fb.
  Moz
- low internet speed.
- Read only info.
- No personalized add.
- Static content, User cannot publish any content.
- eg

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Web 2.0

Users typically had minimal interaction with web 1.0 sites. Rather they passively receive information from that sites.

e.g Social media websites. facebook, Instagram,

- While using any social media site we needs to share our personal information.

- You are using social media at the cost of your privacy.

- Web 2.0 is uses centralized. Cenralized means you login, your data will be saved by centralized authorities they can use it, can give your data for advertizing

- In this way social media uses your data to show add.

- If you searched watch, they start showing add regarding watch.

- Solution is web 3.0

Before some It years facebook data was misused.

Web 2.0 is benefitial for
① Programmers (Web developers, App developers)
② Gaming experts.   ④ Social media experts.
③ Graphics designers.   ⑤ Youtubers, bloggers.

- Data monitized   Content Creators

Web 2.0 technology tools.

- AJAX
- tagging
- Really Simple Syndication.
- blogs
- microblogs
- and wikis
-

① **AJAX**: Most web 2.0 appl^n have rich user friendly interfaces based on AJAX

② **Tagging**:
- tag- a piece of information. eg a blog, a picture
- **Geotagging**: tagging information on maps

③ **Blogs**: in which site creator express his/her feelings or opinion. (www.blogger.com)

④ **Microblogging**: is a form of blogging that allows users to write short messages. eg twitter.

Two major types of Web 2.0 sites
  ① Social networking sites.
  ② mashup.