LECTURE 4

The Internet and The Web

Content

1. Internet
2. WebSite
3. E-mail
4. Other Internet Services
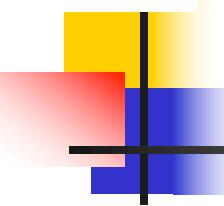
1. Internet

- Internet was born in 1969 from ARPANET project (Advanced Research Project Agency Network) of the U.S. Department of Defense.

- Internet is the backbone network to connect smaller network together.

- World Wide Web (www) was introduced in 1992 at CERN (Center for European Nuclear Research), Switzerland.

- WWW provides a multimedia interface to the widely available resources on Internet (text, sound, image, video…)
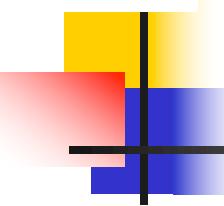
Popular uses of Internet

- Information exchange
- Shopping
- Searching
- Entertainment
- Training and education
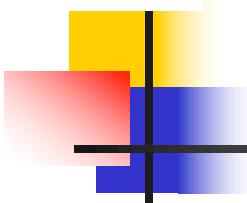
Internet access

- **Internet Service Provider (ISP).**

- **Browser: client software to access Web resources.**
  - Internet Explorer
  - Netscape Navigator
  - Mozilla FireFox

- **Uniform Resource Locator (URL): identifies the location or address of resouces**
  - http://www.hut.edu.vn
 - http – Hyper Text Transfer Protocol
  - Domain name
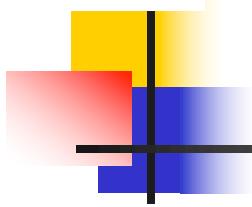
2. Websites
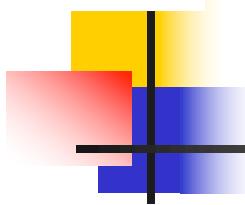
- Web page: a document on the World Wide Web that can include text, pictures, sound or videos.

- Web pages are created by the HTML language.

- Web pages allow implementation of hyperlink to other web pages.

- Web site: location of a web in a computer somewhere on the Internet.

- Home page: the first page of a Website.

- Web server: the computer containing web site
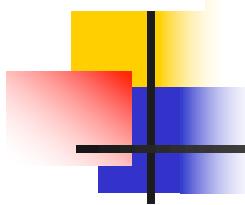
- Point of access to information on Internet.

- Designed for orientating and organizing resources.

- Usually including a variety of services: news, e-mail, search tools, online shopping…

- E.g: www.yahoo.com

- Weblog

- Personal webpages
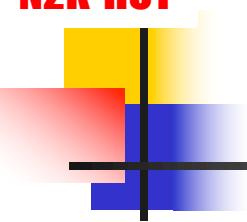
- Media player: enable multimedia content playback (music, videos…)
- Microsoft Windows Media Player

- E-mail software
  - Personal email services
  - Public email services (yahoo, gmail,..)
- e-mail address:
  - hainn@soict.hust.edu.vn
- Mailing List
- Spam

4. Other Internet services

- Real-time chat (RTC)
- Search Engine
- E-Commerce
- E-Learning
- File Transfer Protocol (FTP)
- Telnet: connect and access to remote computers
- Video on Demand (VoD)
- Video Conferencing (VC)
- …