LESSON NOTE

NAME OF SUBJECT TEACHER: ATIKAH LAWAL

THEME: DATA MANAGEMENT

DATE: 8/01/2024

CLASS: SS2C/D

PERIOD: 3RD

TIME: 9:20AM-10:00AM

DURATION: 40 MINUTES

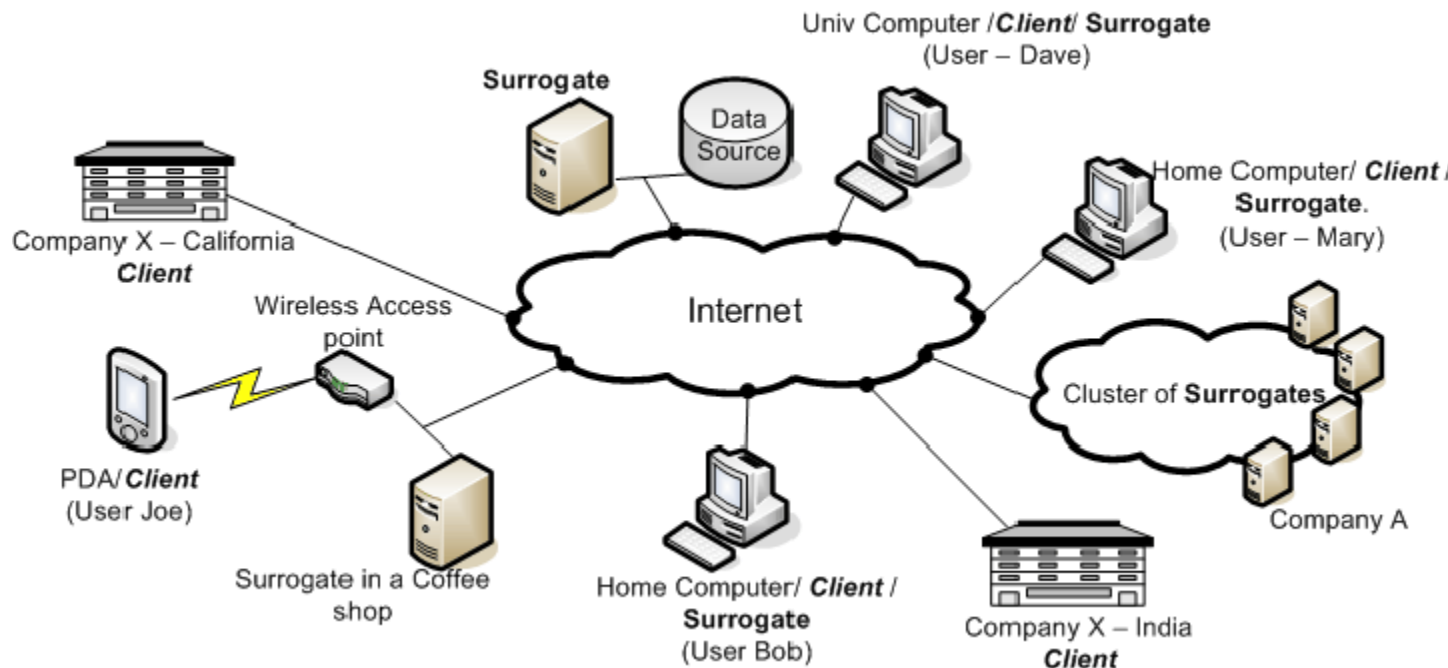**SUBJECT: DATA PROCESSING**

UNIT TOPIC: DATA COMMUNICATION

LESSON TOPIC: INTERNET

The internet is a global system of interconnected computer networks that use the standard internet protocol suite (TCP/IP) to serve billions of users worldwide.

HISTORY OF THE INTERNET

ARPANET

The network that became known as the Internet began as a project of the U.S. Department of Defense. In 1969 the department's Advanced Research Project Agency (ARPA) established a wide-area network with two nodes using leased lines called ARPANET, which was called an *internetwork*, or a network of networks, which was shortened to the term *internet*. The nodes on this network were universities and private research facilities working under ARPA contracts. The thought was that researchers could better share data if the communication was easier.

Univ Computer /*Client*/ Surrogate
(User – Dave)

Surrogate

Data Source

Home Computer/ *Client* /
Surrogate.
(User – Mary)

Company X – California
Client

Wireless Access point

Internet

Cluster of **Surrogates**

PDA/*Client*
(User Joe)

Company A

Surrogate in a Coffee shop

Home Computer/ *Client* /
Surrogate
(User Bob)

Company X – India
Client

CONNECTING TO THE INTERNET
Common ways to connect computers to the Internet are through T-lines, dial-up technology,and cable lines.

INTERNET PROTOCOLS
The protocols used by the Internet are called IP and TCP and operate at different levels.

WORLD WIDE WEB
As stated earlier in the chapter, the World Wide Web is the Internet's killer app, what makes the Internet as popular as it is.

HTML: *HTML* (Hypertext Markup Language) is a combination of plain text and specially formatted instructions that indicate how the text should appear.

Browsers

Web pages are displayed in an application called a browser. Internet Explorer, Netscape, Mozilla, and Opera are some of the many browsers available. Besides displaying the page, the browser is responsible for retrieving it, usually across the Internet.

REFERENCES
1. **DATA Processing for Senior Secondary Schools by HiiT PLC.**
2. **Database Fundamentals by Robert J.   Robbins, Johns Hopkins University, rrobbins@gdb.org**
3. **E-MAIL TUTORIALS BY SEEMA SIRPAL,DELHI UNIVERSITY COMPUTER CENTER**
4. **MICROSOFT EXCEL 2007 TRAINING MANUAL BY C.P.Houghton, May 2007**