ECAP470: CLOUD COMPUTING

Dr. Tarandeep Kaur
Assistant Professor

Learning Outcomes

After this lecture, you will be able to,

- ✓ know about web-based communication such as web mail services, instant messaging and the tools

- ✓ learn about web conferencing and the tools

Web-Based Communication

- Also called as Internet Communications.

- If you use the Internet, then you probably use Internet-based communications to contact family, friends or co-workers. From sending an instant message to a friend, to e-mailing co-workers, to placing phone calls, to conducting video conferences, the Internet offers a number of ways to communicate.

Collaborating via Web-Based Communication Tools

Three main categories:

- Web E-mail services

- Instant messaging services

- Web conferencing tools

Groups located anywhere in the world can use these tools to communicate with other group members—and further their collaboration on group projects.

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Collaborating via Web-Based Communication Tools

Web E-mail Services

Web based email is a service that allows to access and use electronic mail via web browser. It contrasts with email service accessible through a specialised email client software. In this case email software is running on a web server allowing client to log-in, read and send mail from any computer with internet connection.

Traditional E-mail

- Traditional email is anything but cloud based.

- The type of email program you probably have installed on your PC uses a protocol called the Post Office Protocol (POP).

Web-based E-mail Services

- Also known as web mail or HTTP email.

- Web mail is more versatile than traditional POP email, it's also easier to set up.

- Offers web-based email accounts.

Web-based E-mail Services Earlier Implementations

- In Europe, there were three implementations, Søren Vejrum's "WWW Mail", Luca Manunza's "WebMail", and Remy Wetzels' "WebMail". Søren Vejrum's "WWW Mail" was written when he was studying and working at the Copenhagen Business School in Denmark, and was released on February 28, 1995.

Web-based E-mail Services- Widespread Deployment

- As the 1990s progressed, and into the 2000s, it became more common for the general public to have access to webmail.

Web-based E-mail Service Solutions

Gmail

Yahoo! Mail

Windows Live Hotmail

Apple MobileMe Mail

Web-based E-mail Service Solutions

Other Web Mail Services

- Gmail, Yahoo! Mail, and Windows Live Hotmail are the three largest web mail services (and MobileMe Mail promises to be a competitor), but there are literally hundreds more. Besides these big providers, there are dozens of independent web mail services, plus a plethora of topic-specific websites that offer (among other content and services) their own branded HTTP email.

Web-based E-mail Service Solutions

Other Web Mail Services

- AOL Mail

- BigString

- Excite Mail

- FlashMail

- GMX Mail

- Inbox.com

- Lycos Mail

- Mail.com

- Zoho Mail

Instant Messaging Services

- One of the fastest-growing forms of Internet communications is instant messaging, or IM.

- Text-based computer conference between two or more people.

- An IM communications service enables you to create a kind of private chat room with another individual in order to communicate in real-time over the Internet.

Instant Messaging Services

- Instant messaging is a better way to talk.

- More immediate.

- Several big players in the IM market today, including America Online (with both AOL Instant Messenger and ICQ), Google (Google Talk), Microsoft (Windows Live Messenger), and Yahoo! (Yahoo! Messenger).
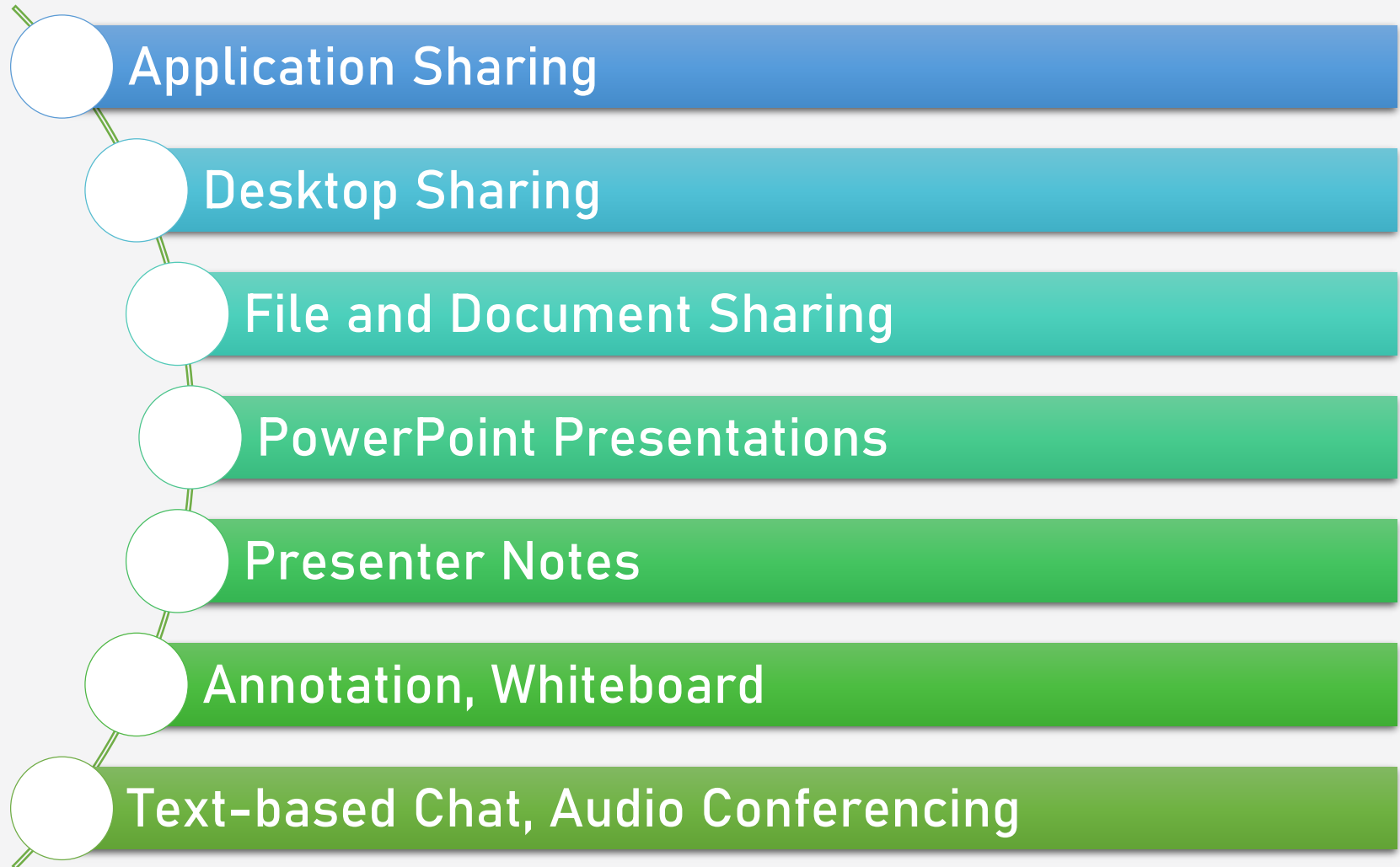
Instant Messaging Tools

Web Conferencing Services

- When you need to include more than two people in your communications, or when you want to give a presentation to a group of people who aren't all in the same location, a different communications tool is needed.

- This new tool is called a web conference, and it's a way to conduct live meetings and presentations over the Internet.

Features of Web Conferencing Services

- Application Sharing
- Desktop Sharing
- File and Document Sharing
- PowerPoint Presentations
- Presenter Notes
- Annotation, Whiteboard
- Text-based Chat, Audio Conferencing

Web Conferencing Services

- Adobe Acrobat Connect
- Convenos Meeting Center
- Genesys Meeting Center
- Glance
- IBM Lotus Sametime
- Microsoft Office Live Meeting
- WebEx
- Zoom Meeting
- Google Meeting
- Zoho Meeting

That's all for now…