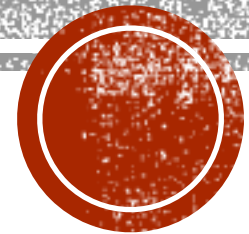


COMPUTER SUPPORTED COOPERATIVE WORK (CSCW)



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COMPUTER SUPPORTED COOPERATIVE WORK (CSCW)

- CSCW is a generic term, which combines the understanding of the way people work in groups with the enabling technologies of computer networking, and associated hardware, software, services and techniques.
- Computer-supported cooperative work is a groundbreaking interdisciplinary research area of growing interest which relates workstations to digitally advanced networking systems



COMPUTER SUPPORTED COOPERATIVE WORK (CSCW)

■ Groupware:

- It is a software that support and augments groupwork.
- Eg: Email, Bulletin boards, Group schedulers, Video conferencing, Etc.,

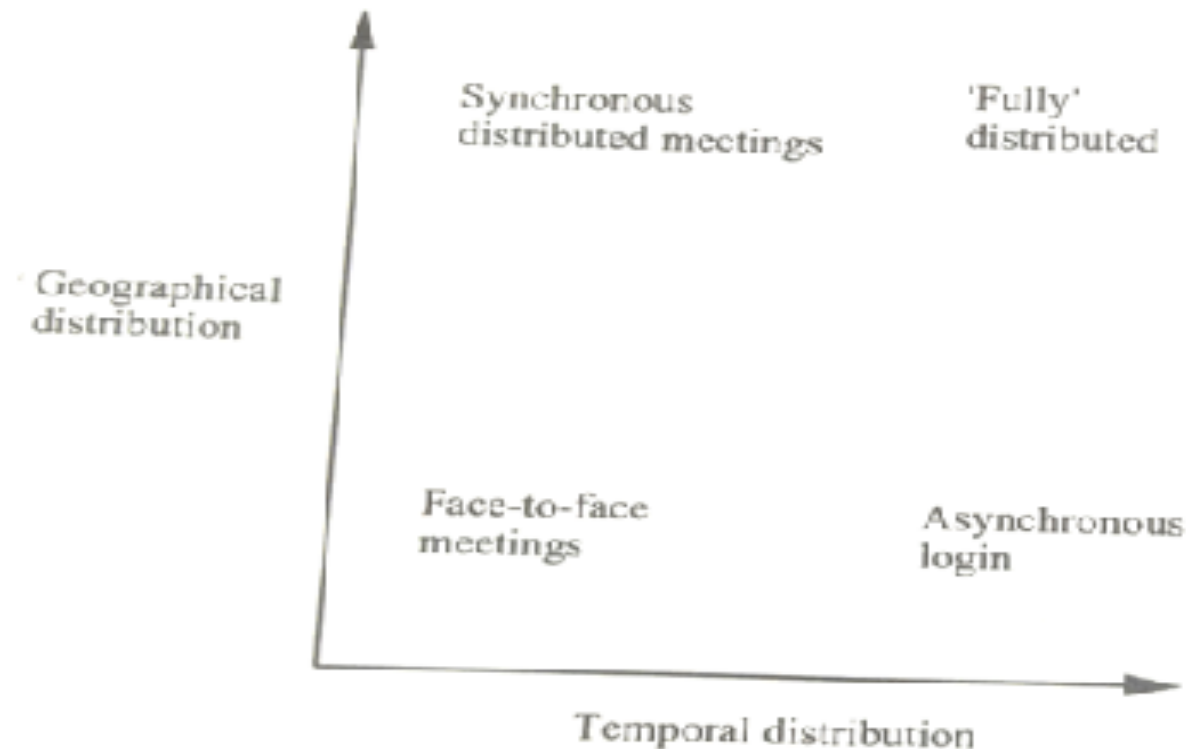
■ Group:

- Group work together on a common task.
- A group will not have a fixed or closed membership.



COMPUTER SUPPORT FOR GROUP WORK

- Group work need not always happens face to face.
- Group members need not be in the same place at the same time.



COMPUTER SUPPORT FOR GROUP WORK

1. Presentation support software
2. Computer Supported Meeting
3. Group decision Support Systems (GDSS)
4. Use of Telephones
5. Public Windows
6. Computer Conferencing
7. Group writing
8. Group memory management & Project management



PRESENTATION SUPPORT SOFTWARE



COMPUTER SUPPORTED MEETING



GROUP DECISION SUPPORT SYSTEMS (GDSS)



USE OF TELEPHONES



PUBLIC WINDOWS



COMPUTER CONFERENCING



GROUP WRITING



Google Docs



Uses computer systems to support collaboration, communication, and coordination in the shared task of producing a written document.



GROUP MEMORY MANAGEMENT & PROJECT MANAGEMENT



Helps teams remember past ideas, statements, and decisions.

"An idea is like a virus, resilient, highly contagious and the smallest seed of an idea can grow. It can grow to define or destroy you"



CHARACTERISTICS OF CSCW SYSTEM

1. Communication between the group members
2. Sharing of Information
3. Coordination and control of shared objects
4. Sharing of workspace
5. Organization and common understanding of the work process
6. Decision making



ROLE OF CSCW USER INTERFACE

1. Support interaction between user and system in order that user can achieve his or her individual task.
1. Support interaction between user and system in order that user can achieve his or her part of common task in the group
1. Supporting social interaction between the group members.

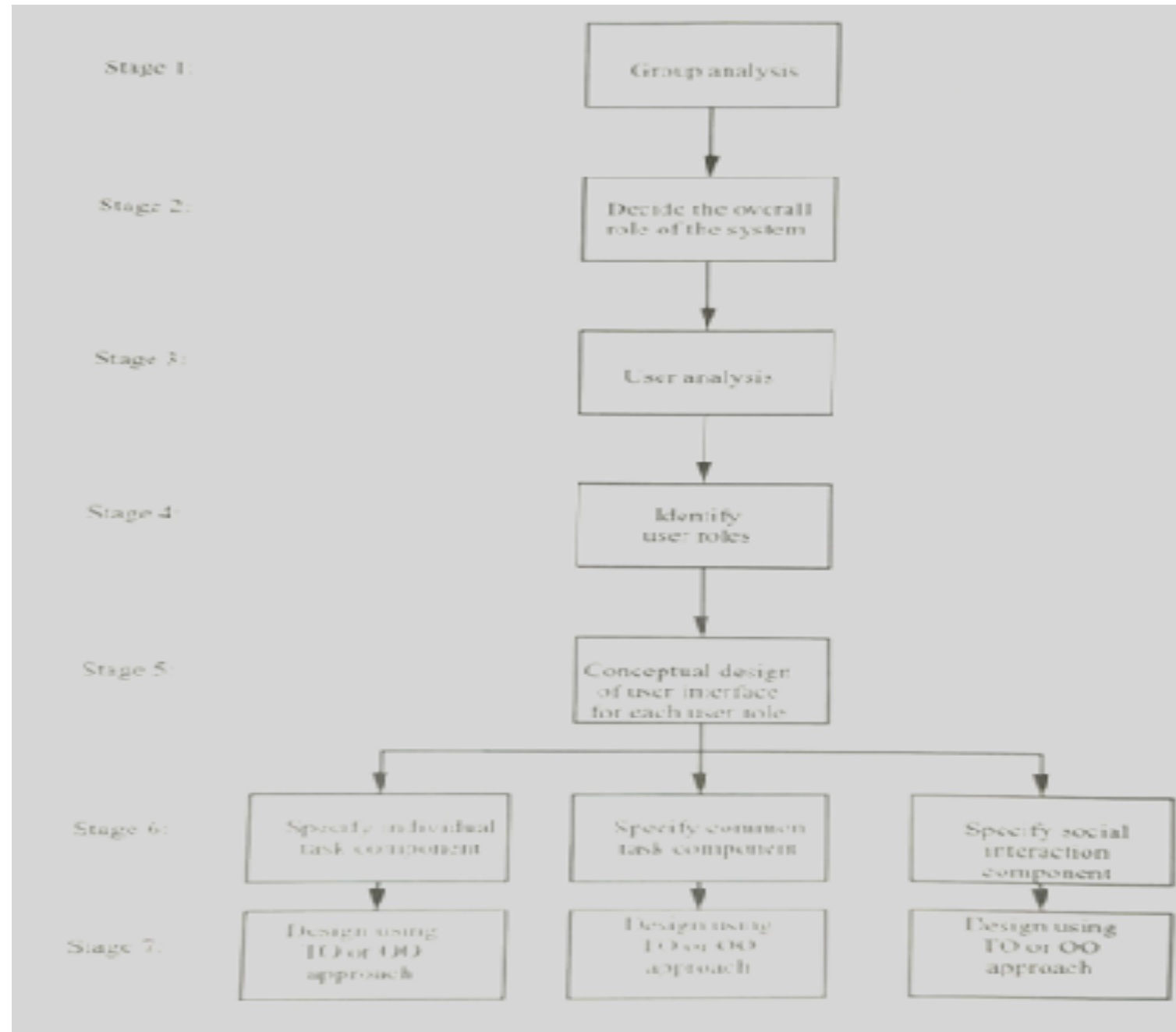


CHARACTERISTICS OF CSCW USER INTERFACE

1. Order dependency
2. Order Independence
3. Multithreading
4. Concurrency
5. Sociability



STAGES IN SPECIFYING & DESIGNING USER INTERFACE TO A CSCW SYSTEM



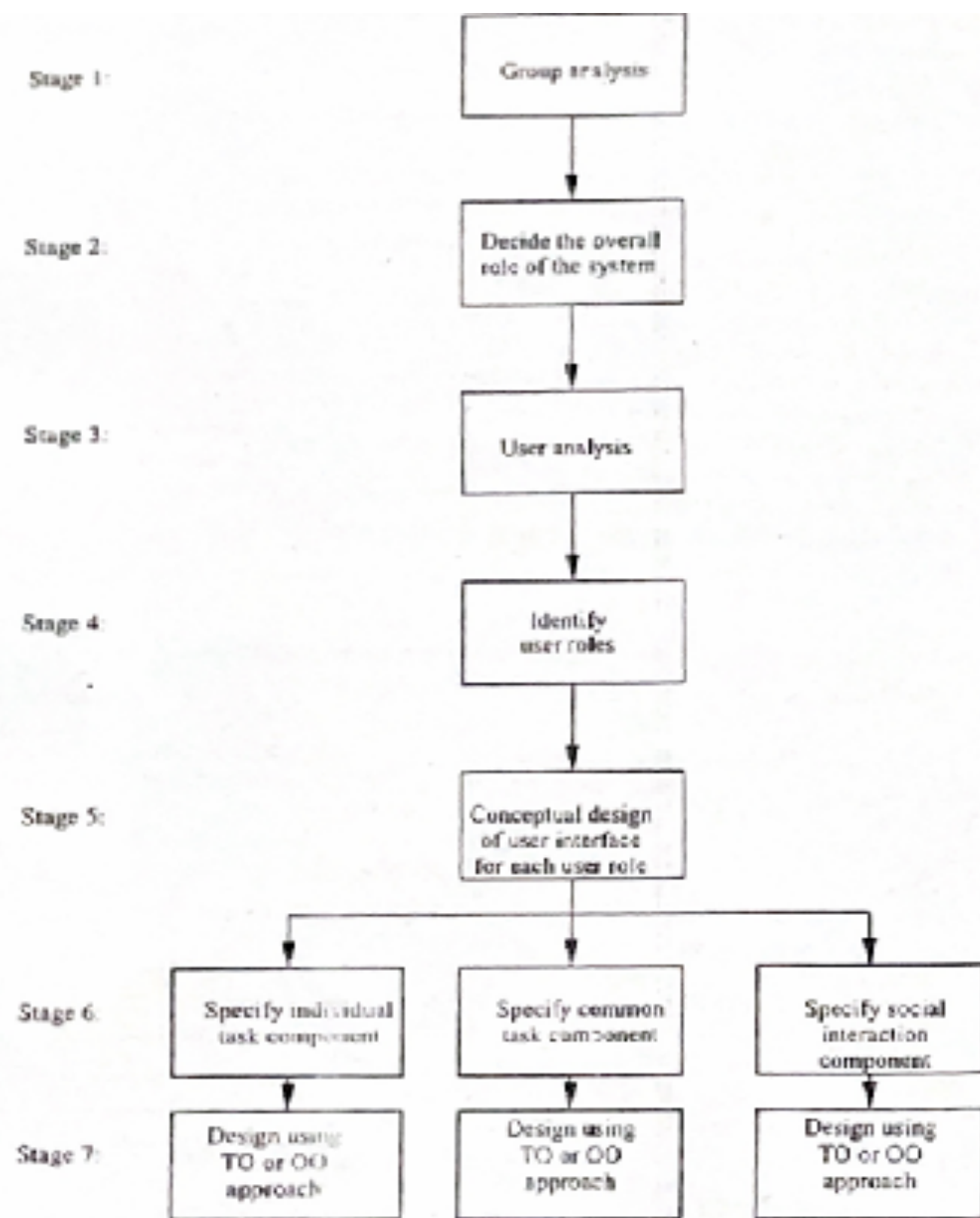


Figure 5.11 Stages in specifying and designing user interfaces to a CSCW system.



THANK YOU

