Jens Kaasbøll, University of Oslo, 2011
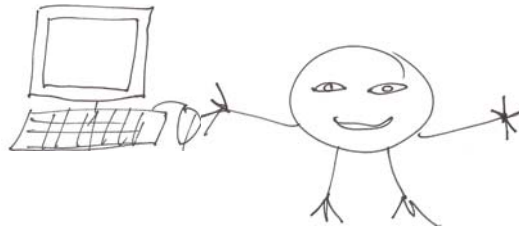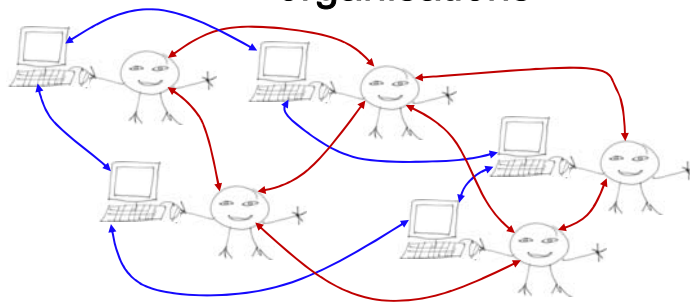jensj@ifi.uio.no

Implementation of computer applications

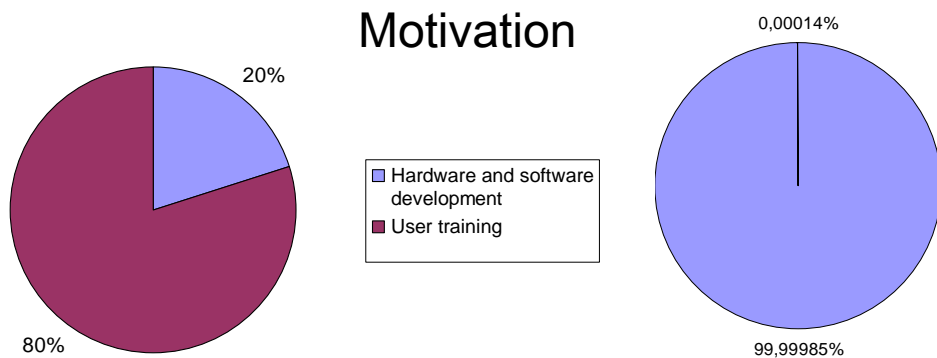
Software development   Learning

1

Implementation of computer applications in organisations

- Development of networked software
- Organisational learning

2

Motivation

20%

80%

Hardware and software development

User training

0,00014%

99,99985%

Project

Corresponds to research effort

Textbook on information systems development

3

IT competence in organisations
aims at work or thesis on

– Implementation of IT

– User training

– User support

– Human resource development

– Learning of IT

– User competence

– Learnability

– Management of IT training and support

4

Learning outcomes

- The module provides
  - Skills in teaching and supervision of computer use, and
  - Competence for planning and evaluating IT training and support.
- Includes the following topics
  - development of competence in organizations,
  - the constituents of user competence,
  - skills and understanding of IT and its use,
  - metacognitive skills,
  - learning of office tools and information systems
  - standards for user competence,
  - learnability of software,
  - material for supporting learning, also IT based

5

Task 1 - Oral presentation – 60% Individual, but cooperation is encouraged

Purpose:

learning to plan and to teach and supervise users.

Select a computer application and one topic within this, which

- is useful for some group of users
- users would struggle with learning

For this topic

- plan and carry out a teaching session
- based on course literature

Oral presentation of maximum 20 minutes:

1. The plan and your reasoning behind it
2. Teaching, including supervision of hands on exercises

To be presented at oral exam in June.

6

Task 2 - Written group report – 40%

Purpose:

learning to evaluate organised efforts for improving IT competence in organisations

Examples

A training programme

A user support department

Organised superusers

A standard for IT competence

Empirical study

2-4 students pr group

Written report

Deadline 1 June

Maximum 7000 words.

Ideas for Task 1 and Task 2?