Working Sheet

- Application: Interactive Message Board

- Research question(s):
  - How to encourage asynchronous collaboration?
  - What type of messages people leave (audio, video, doc)?
  - Public versus private display?
  - How people are accepting the fact they are recognized by the machine

- Participants: Students

- Tasks to be carried out:
  - Author/leave a message
  - Read/watch message

- Experimental conditions:
  - Comparison of media used (audio, text, video)

- Outcome measures:
  - Adoption
  - Usability
  - Performance
  - Evolution
Please do not hash it yet!

Working Sheet

- **Application:** Image Retrieval by sketching (ergonomic mind)

- **Research question(s):**
  - How to find relevant images to hand write drawing?
  - Can we assess the user's satisfaction?

- **Participants:**
  - Owners of media collections
  - People in a meeting
  - People writing documents
  - People querying a personal photographic data collection

- **Tasks to be carried out:**
  1. Sketching (ergonomics)
  2. Retrieval
  3. Validation → (feedback and refinement)
  4. Learning → profiles

- **Experimental conditions:**
  - Providing the user about his role and the nature of the meeting.

- **Outcome measures:**
  - Time to complete task
  - Correctness of the retrieval / precision
  - Subjects satisfaction
  - Comparison with google images.
- paper hands

- useful? Physical interaction useful
  - facilitate the indexing + personal retrieval
  - improve sharing of data
  - new way of presenting?

- retrieve information after the meeting
  - integration of a person in the content, when she is not completely involved in the context
  - control slideshow

- reproduce meeting; participant not involved
  - give presentation

- user satisfaction
  - quality of indexing (but personal)
Working Sheet

• Application: PAPERHANDS
  Interaction with paper:
  - annotate meeting
  - search info
  - control slideshow

• Research question(s):
  x "Physical interaction" useful?
  x Facilitate indexing and retrieval thanks to annotations?
  x Improve sharing of information? (in-meeting)
  x Acceptance of recording?

• Participants:
  (computer scientists)/students

• Tasks to be carried out:
  - Search information in meeting (e.g., person that didn’t attend the meeting since its beginning)
  - Summarize the meeting

• Experimental conditions:
  - Simulate a meeting: A participant will attend later (without and with annotations)
  - Participate and summarize using annotations/comparison of summaries (oral/manual summary/memory of other notes)
  - Summarize using annotations

• Outcome measures:
  - User satisfaction?
  - Quality of annotations?
  - Usability of interactive functionalities?
(from web context)

- Just in time documents retrieved by personal assistant
  during a meeting course...
- Research questions:
  1. Improve users participation &
  2. Usable
  3. Personal secretary
  4. User acceptance

Extract meaningful information

- Improve effectiveness of a meeting

- Documents
- Emails
- Calendar appointment

Task:
  - Find a particular outcome in a document
  - Find who was present in a meeting

- Outcome measures
  - Conserved documents
  - Clique(s)
  - Knowledge of subject

- Experimental conditions

  1. Not same path of doc.
  2. -
Working Sheet

- Application: just in time document retrieval during meetings, courses...

- Research question(s):
  - Can we improve user participation in a meeting by providing information?
  - Is it an appropriate tool for different situations (meetings, courses, homework, discussion)
  - Can we facilitate users interaction? / Can we improve user knowledge?

- Participants: Scenario dependant, i.e. secretary, students, ...
  - Fictive - real

- Tasks to be carried out:
  - Group discussion
  - Gathering past meeting information
  - Working together towards a common objective
  - Comparing assisted - not assisted groups

- Experimental conditions:
  - Directed meeting
  - Incremental meetings
  - Meetings without participant past knowledge
  - Video analysis
  - Courses

- Outcome measures:
  - # of consulted documents
  - Satisfaction
  - Knowledge of users
  - Participation of users in meetings
  - Team climate

- Pattern IM2 Summer Institute, 2009 in Behaviour / Communication
Working Sheet

- Application: Personal information browser, iNoteEye
  Social, temporal & thematic cues to draw personal information
  Grouping information on the basis of contextual relevance

- Research question(s):
  What is better? iNoteEye - search or file-system - search
  (Compare to Google desktop)

- Participants:

- Tasks to be carried out:
  Problem: No personal database - how can you define a common
  task:
  - Finding documents
  - Free explorations

- Experimental conditions:
  - Calendar view
  - Social view (community extract to build social network)

- Outcome measures:
  Is iNoteEye better:
  - More efficient?
  - Natural?
  - Satisfactory?
  - User acceptance
  - Acceptance of indexing of system
  - Trust in results
Working Sheet

• Application:
  Personal Information Scanser (WebanEye)

• Research question(s):
  (a) - Compare finding a document with WebanEye vs. other sys.
  (b) - Reflect on analysis of work activities (with whom did I work, when, about what topics?)
  i.e. (a) = Improve access to information (b) = Stimulate reflection on own work activities.

• Participants:
  (a) anybody
  (b) members of a team

• Tasks to be carried out:
  Problem: personal info different for everyone -> how to define common tasks?
  - Work analysis in teams (b)
  - Let users define tasks themselves (a)

• Experimental conditions:
  Each participant’s workplace

• Outcome measures:
  - Task completion time / success (but on what task?)
  - Satisfactory?
  - Trust in the results?