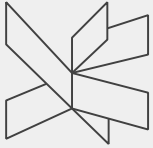Bring ideas to life
VIA University College

IDX

Interaction Design
Beyond human-computer interaction

Data gathering

Agenda

- Five key issues
- Data recording
- 3 techniques
    - Interview
    - Questionaire
    - Observation

Five key issues

- 1) Setting goals
- 2) Identifying Participants
- 3) Relationship with Participants
- 4) Triangulation
- 5) Pilot Studies

Data Recording

- Notes and pictures
- Sound
- Video

Interview

- Structured

- Semi-structured

- Un-structured

- Focus group

Running the interview

- An introduction
    - Who am a I, and why do I ask
- A Warm Up session
    - Easy questions, maybe demographic
- Main section
- A coolong off period
- Closing session

Exercise

Use the exercise from last week as starting point

- A student would like to understand, what the teacher says.

- A teacher in a University College would like learn to identify his students by name in an easy way.

- Perform an interview

  - Choose between structured, semi-structured and non structured

Questionaire (Survey)

Exercise overview

Prepare

Perform

Evaluate results

Present result

Exercise I

- We consider to implement an electronic voting system

- In groups, prepare
    - Interview (structured or semi-structured)
    - Focus group
    - Survey (Questionaire)

Exercise II

- We consider to implement an intelligent access system

- In groups, prepare

    - Interview (structured or semi-structured)

    - Focus group

    - Survey (Questionaire)

Observation - Think Aloud

- Group work

- Decide a system to observe

- Choose tasks to observe

- Find observers

- Brief

- Observe

- Debrief