Privacy Seminar
1. Organisation

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Organisation

Teachers
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Assisting
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Blackboard not used
Website: www.cs.ru.nl/~jhh/secsem.html
Wiki: http://wiki.science.ru.nl/privacy/

Seminar

Seminar
Student lecture
Student paper
Student opposition

Grade = weighted average
But only if all grades at least 5.5
If not, lowest grade is final grade!

Working in groups
Attendance required
Course schedule

Topics

- First come first serve:
  - location privacy; roadpricing, ov chipkaart
  - rfid / internet of things privacy
  - identity management
  - electronic voting
  - smart metering/smrt grids
  - Privacy-friendly search
  - anonymous messaging
  - privacy in big data
  - ...your own...

- Signup sheet next week

Research

- Analyse a particular practical case
  - what are the privacy issues (from a societal and legal perspective) and how are they dealt with

- Give a precise and concise problem description
  - in technical terms: define your model; your assumptions

- Investigate possible PETs that apply
  - summarise your analysis

- Pick one and solve the problem (involves a protocol)
  - describe this in sufficient detail!
  - (informally) prove or argue correctness
Student lecture

- Goal of lecture
  - to inform other students about your research

- Important
  - make lecture interactive
  - add additional material

- Discuss draft
  - thursday 13:00-13:15 the week before, in my office
  - mail slides etc. at least one day before

Student lecture: grading

- Content
  - Argumentation
    « Whether your lecture provides a solid basis and backing of all statements and claims made.
  - Cohesiveness
    « Whether the relationship between the different subtopics of your lecture is clear and smooth.
  - Comprehensiveness
    « Whether your lecture covers all important aspects, and clearly separates important issues from secondary details.

- Form
  - Structure
    « Logical ordering of your lecture, and its intelligibility.
  - Attractiveness
    « Whether your lecture captivates the audience, and whether the message comes across (i.e. whether your lecture connects to what your audience expects and understands).

- Performance
  - Interaction
    « Level of engagement and contact with the audience, level of memorability, the way you respond to questions.
  - Lecture technique
    « The way you speak (comprehensibility), your presence in front of the class, your usage of supporting materials (e.g. PowerPoint), the liveliness and tone of your lecture.

Student paper

- Goal
  - Report on research
  - Express own perspective and opinion on PETs

- Format
  - Roughly 10 pages (excluding references)
    > A4, reasonable margins, 10-11 pt font

- Beware
  - Collect your own literature as well
  - Use input obtained during presentation in class
Student paper

Typical structure
- Context
  - Including legal/social analysis
- Problem description
  - Proposed solution
- Technical analysis
- Conclusions

Student paper: planning

Average timespan
- Literature study: 2 weeks
- Perform research: 2 weeks
- Write skeleton: 1 week
- Write final paper: 3 weeks

Deadlines
- May 12: Skeleton
- June 16: Final paper
- So start April 1 at the latest

Student paper: grading

Content
- Technical quality
  - Whether the paper shows an understanding of the technical issues involved. Correctness of all technical statements.
- Analysis
  - Whether the paper presents a proper argumentation in a logical and coherent way.
- Quality of references
  - Whether you found and cite all relevant literature. Originality (finding relevant references yourself) is appreciated.
- Own opinion
  - Whether the paper clearly expresses and argues your own opinion on the subject.

Form
- Style
  - Clarity of writing, coherence, linguistic quality, length, and emphasis.
- Structure
  - Logical structure of the paper, helping the reader understand what he is about to read.
- Adherence
  - Adherence to the paper, including proper formatting of the bibliography.
Remaining points

- Contribute to the wiki
  - http://wiki.science.ru.nl/privacy/