Updates

- Two more opportunities for short reports (must have 6 with a grade of 7 or higher)
  - SR from 12/1/09 lecture due by 2pm on 12/8
  - SR from 12/8/09 lecture due by 5pm on 12/11

- Also need to visit Ben Fine or me sometime before 12/11

- My office hours for this week:
  - Wednesday, 12/2, 9am until 10am
  - Thursday, 12/3, 9am until 10am
  - Monday, 12/7, 2:30pm until 3:30pm
Project Reports

- Good to include major section headings as identified in your outline
- Watch your organization
  - Discuss each topic thoroughly before moving to the next topic
    - Avoid discussing a topic in many different places in the paper
- See pages 19 through 26 about references and citations
- Must be 5-7 pages, single-spaced, excluding references
Computing and Society

Issues being faced as computers become more integrated with society
As computers become more integrated, reliability concerns increase.

Human Safety
- TCAS – Traffic Collision Avoidance System
- Control of many aspects we don’t realize

Institutional Safety
- Digital Voting
- Electronic Banking/Commerce
Information Access

- Freedom to access information vs. censorship
  - Google and China
  - Online controls/filters
- Monitoring software
  - Parents?
  - Employers?
  - Others?
Copyright and Copy Protection

- Computers make it easier to copy, share
- Very easy to ignore copyright
  - Software, music, movies
- Security is less useful, can be worked around
- How do we maintain ownership?
- How do we maintain financial incentive to produce?
Privacy and Data Repositories

- Indexing is becoming easier
  - Can be a benefit or a detriment to people/groups
- Access:
  - *Can* anyone control access?
  - *Who should* have access to data?
  - How is information kept secure?
- What is “fair game”
  - Network traffic?
  - How does one protect the naïve?
Virtual Environments

- How much of what is in the virtual environment should be taken as real?
  - Avatars usually do not reflect real people
  - But, virtual environments can have real consequences

- Virtual societies
  - Money, crime, relationships, ownership, privacy, etc.
Paying for Computing

- Infrastructure – free to use, or pay for use?
  - Charging for bandwidth?

- A right or a privilege?
  - To send email/spam
  - To make use of what others have put together
    - Google library

- Extending the computing infrastructure
  - Haves/have nots