

Social Issues

for DBs and Apps

Orlando Karam
okaram@spsu.edu

- Consequences of Databases

- Consequences of Databases
 - Automatization, job loss (white collar)
 - Bigger organizations
 - Loss of privacy
 - More productivity
- What happens with the data ?

Professional Responsibility



- Your conduct has consequences
- Need to behave ethically AND professionally
- What happens if your system fails ?
- Are you helping or hurting other people ?
- Are you helping or hurting the profession ?

Basics of Ethics

- Ethics - How you **should** behave
- Acts can be judged in 3 ways
 - By the act itself
 - By the agent's intentions
 - By its consequences
- Personal and cultural aspects
- There are gray areas, but there are also many right and wrong answers.

Codes of Ethics

- More specific rules for specific disciplines or members of organizations
- Still quite general
- Examples
 - ACM -
 - <http://www.acm.org/about/code-of-ethics/>
 - ACM for SoftEngs
 - <http://www.acm.org/about/se-code>