

Accountability in Social Networks

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- Accountability: This could be defined directly from the web dictionary as responsibility to someone or for some activity. Logically, accountability is a word with several meanings, based on the context its been used. Now, lets consider accountability in social networks.

What is Accountability?

- Social Networks can best be described as a microscopic view of the world, characterized with connecting people, information sharing and social activities.
- Sharing of personal information on social networks has had unintended harmful consequences in the lives of many people, hence there is a need for information privacy, which also gives rise to information accountability.

Accountability in Social Networks

- Information Accountability defines measures put together in ensuring that information holders know what they can and can not do with personal and sensitive information, alongside holding them accountable when they go against such measures.

Information Accountability

- This project is aimed at the study of existing accountability system, their properties, social networks and their user protection rules. This study will enable us in detecting patterns of data misuse, and also give a lead to answering the following questions.

Project Description

- What benefits/utilities are available to social network participants?
- What benefits/Utilities are available to the platform owners?
- How different are these benefits/utilities for the platform owners, so consequences will need to be different?
- Are there violators beyond the reach of accountability?

Evolving Questions?

- Analyzing a social network application, and evaluating its privacy and access rules from a computational standpoint
- Application of Game theory in modeling incentives, payoffs as it relates to accountability

Proposed Work

- Facebook
- Game Theory

Resources

- Expanded knowledge on social networks and artificial intelligence
- Improved analytical programming and communication skills
- Developing privacy/accountability rules

Goals

- Week 2-4: Social network familiarization, and their privacy setup, access policies and restrictions.
- Week 5: Literature review of game theory and its use in accountability
- Week 6: Proposed new or revised requirements/assumptions
- Week 7 Project result documentation
- Week 8: Final report and closing

Project Timeline

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Questions