Anonymization of Facebook profile pictures

Eyal Pickholz
Advisors: Prof. Ehud Gudes, Mr. Nadav Voloch

What is Anonymization?
Anonymization is the attempt to stay anonymous when data on behalf of someone is exposed in a network, for example. Anonymization means keeping the privacy of a person.

The problem:
Attackers or Malicious entities are trying to retrieve information from a social network like Facebook. When a user has a profile that can be accessed by someone who is not considered as a “friend”, the information under this profile is still open to the public so there is a need making some of it hidden.

My goals:
• Define a set of simple rules to detect the friendship between two or more participants in Facebook.
• Build a graphical protection scheme by controlling the visibility of the user’s profile according to these rules.
• Build a simulation environment for Facebook platform

Software Block diagram

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