Progress Report

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1. WHAT WE'VE DONE

1. Set up a linux box with apache/tomcat/mysql

2. Written a Facebook API client that provides our servlet with information on what groups the user is in etc.

3. Devised a database model

4. Written a database wrapper that performs queries relevant to our project (e.g. "get resources shared by me", "get resources accessable by me")

5. Written a facebook app that displays linked identities, shared resources, and accessable resources.

2. WHAT WE HAVE LEFT TO DO

1. Write resource handlers that take resources from different sites (at least Google Calendar, Google address book, and Social Torrents) and convert them to a generalized format.

2. Write code to display generalized resources on different social networking sites (at least Facebook).

3. Write glue code to allow users to link together identities (currently done by direct database access)

4. Write glue code to allow users to share resources (currently done by direct database access)

5. Write glue code to allow users to grant access to different social networking groups and users (currently done by direct database access)

3. CURRENT PROBLEMS

We need to determine what other resource and social networking site APIs will be able to fit within our framework, e.g. what other sharables and identities we will be able to support. We are planning on reading through site API documentation for other social networking sites (e.g. MySpace) and resource sharing sites (e.g. Flickr, Youtube) to determine their compatibility with our scheme. We want to avoid being a "one-trick pony".

4. TIMELINE

1. 11/07 Finish Google Calendar round-trip display

2. 11/11 Finish glue code for Google-Facebook identity linking

3. 11/14 Finish glue code for Google calendar sharing/access control

4. 11/20 Finish Google addressbook sharing

5. 11/26 Finish social torrent sharing

6. 11/29 Additional resources/identities, as time permits

7. 12/07 Complete "fit & finish", i.e. polished web application

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