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Database Management Systems

Final Project Design Document

SPECIAL INSTRUCTIONS

* cd socialapp/scripts
* ./startPostgresql.sh
* ./createPostgreDB.sh
* ./set\_up\_database.sh
* cd socialapp/java/scripts
* ./compile.sh

EXTRA CREDIT

* Used Triggers for generating msgid and timestamp when sending messages
* Used Hash index on userid in usr, work\_expr and educational\_details to speed up equality selection.
* Used Hash index on msgid in message.

COLLABORATION

We Split the work 50-50 percent.

IMPLEMENTATION

Overall the GUI is very intuitive. Some Key points are:

# The main menu will allow people to create an account or log in using an existing account.

# Once you log in, you will be able to do many things like view profile, update profile, view friends, view messages, delete messages etc.

# To send request to someone, first you have to look up their profile. You can search using either their userid, name or email.

# Once you search someone, you can visit their profile and do a number of things like send message, send friend request etc.