A Report on DBLike

## Name Student Numbers

Harsimran Singh Maan

Kuntal Joshi

Prabal Sharma 86932126

# Architecture of DBLike

We have implemented a drop box like feature in our project called DBLike. For this we have a server side and a client side and a server side. On client side any user can use our application irrespective of the operating system he or she is using. In order to implement this platform independent feature we have coded in Java programming language. The client connects to the server via RMI. This client is authenticated on server side by a server called Broker server. This broker server in addition to client authentication also selects the server which will process the clients request i.e. there will be one master server selected by Authenticator/Broker server. This master server is selected by selecting the lowest serial number of the server in the server database.

# Server side Implementation

# Client Side Implementation

We have a class called watchDir; which tracks the directory on the users machine which he want to share. Any changes in the directory are monitored by this class.

file transfer

sync

# Rationale for the design choices

# Known bugs

# Possible extensions