

Changes

Haroun Habeeb
2013CS10225

Kabir Chhabra
2013CS50287

Harman Kumar
2013CS10224

March 2, 2015

Abstract

This document enumerates the changes with respect to the previous design document. It is segregated by section.

1 Shared and Sync Folders:

We have two folders that the MyDropbox application can access **Sync** (The folder containing the users files) and **Shared** (The folder containing the files shared with the user). If the user wants to upload a file or folder outside the sync folder, he would have to import it to the sync folder and then upload it.

2 Communication:

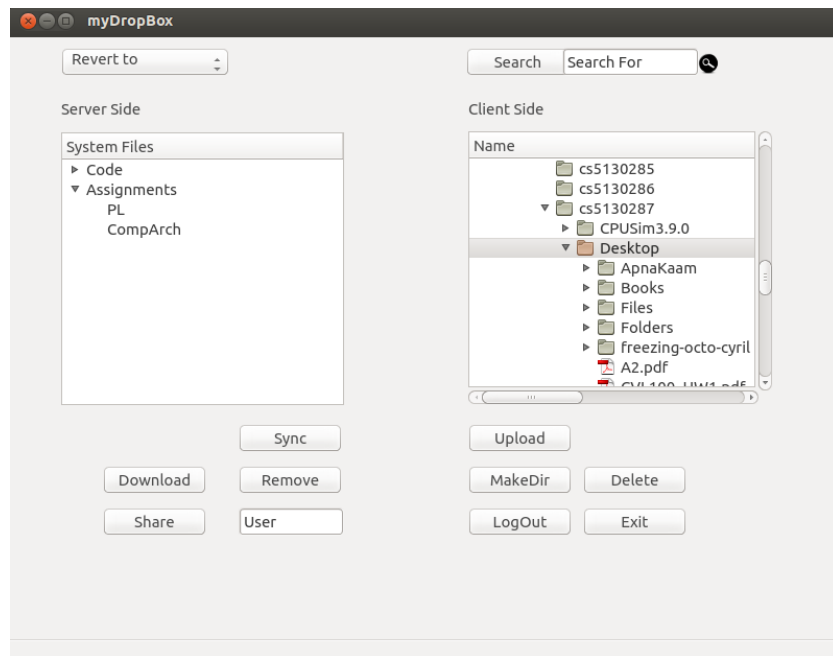
We did not use the *poll()* function for communication between the client and server. This was done as read function blocks and hence the communications were synchronous.

3 Database:

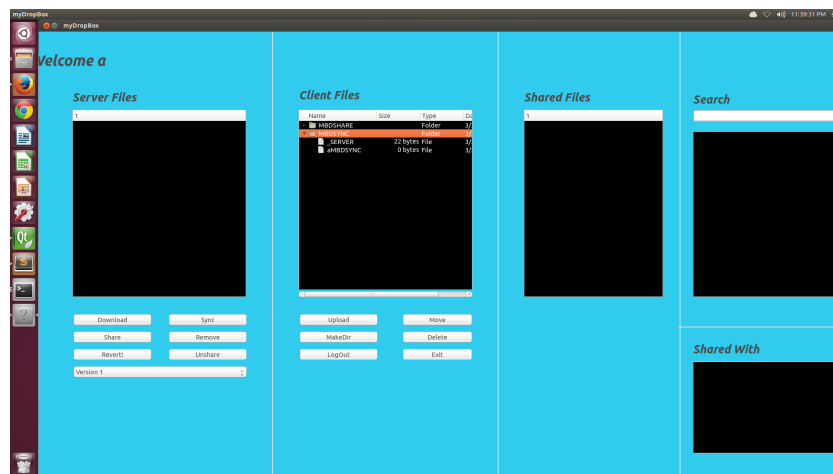
We used sqlite for maintaining a database of files and users on the server instead of encrypted text files. Using sqlite database was easier, cleaner and a more elegant way of saving the information of users than the text files. Moreover, it did not require any encryption as it's already secure.

4 User Interface:

- Main Window:
We made some changes to the layout of the Main Window of our UI. Following are the snapshots of the two to show the modifications.



Earlier



Now

- Additional Window to Add The IP Address:
An additional UI window was added so that the client can enter the IP address of the server.

- Seperate icons for filetypes:
Seperate icons for different file formats were not displayed on the User Interface as the UI looked cluttered and marred the visual appeal.