Group 7

Problems:

The files on netdisc are not searchable, can not find the file uploaded by other users.

Goals:

Build a netdisc platform on which we can search all files.

Description:

Name:incognito netdisc

basic fuctions:

1)User management:login,register

anonymous user can see public files on netdisc

logged user can see all files on netdisc.

May use mysql to manage.

2)Upload:

only logged in user can upload files,specify the upload mode.

Using deduplication to reduce storage(optional).

May use mysql to manage file names.

3)Download:

all public files can download.

private files need share code for other users to download

4)Delete:

related to deduplication

5)Share:

specify the share code when you want to share a private file, the code can be used only once.

6)Search:

anonymous user can only search public files, logged in users can search his private files and public files

7)Client Side:

windows platform, may use wpf to generate UI

8)Server Side:

deploy the backend and store the data, connect to remote mysql database

Technical challenge:

Server part: How to deploy application on server? How to deploy the running environment?

Client part: How to use wpf? How to communicate with server? How to show files after applying deduplication?

Deduplication: Need to deal with file upload efficiently

Features and impact:

The netdisc is more like a resource pool, or like a private cloud storage. You can upload the resource we needed for the group then others can get it from netdisc easily.

Because the files on it do not show who upload the file.

The technical used is useful in many other applications.

Novelty?

Technical impact?

Social impact?