UNIFIED ONLINE STORAGE

Idea-

A program that aims at syncing all the online drives(google drive,one drive,dropbox),to make a universal online storage.

Motivation-

Considering the increase in number of online drives but for all ,a different account and comparitvely smaller offered storage individually, this program is an effort to solve problems of multiple storage and no universal access to it.
Through this program the idea of "sharing your storage" or having a common place of files for a group can also be achieved.

One more problem being faced is the limit of size of file to be downloaded. Combining the spaces of different drives can solve this purpose.

Implementation-

The idea is to create a user interface,that keeps the files in the common folder structure.

API's for google drive ,one drive ,dropbox are available ,

Which will be used in all downloading uploading,and other technical stuff.

.Gtk will be used for developing the interfacc.

Timeline-

PRE-PROJECT-PREPARATION GETTING MORE FAMILIAR WITH PYTHON AND GTK

First two week-Make program handle files between drives doing simple job of downloading and uplaoding file to drives by having access to all the drive simultaneously.

Next Week-Making the program update the drives at certain interval of time and whenever a change is made to any of the drives.
We will also try to upload files of size greater than individual storage space of drive. We will try to divide a file into three or more parts and upload it separately. However it has to be made sure that different parts of the same file are properly linked.

Next two week-developing the GTK interface and combining it with our code.

Rest of the time-Testing and debugging with various test cases.

Documentation work.SRS and other things.

Cost-ZERO

Learning-

**Programming languages such as python, php.
Development of organized folder(data) structure.
File handling over network.
User interface development.**

Team-

UTKARSH GAUTAM

utkarshgautam247@gmail.com

AAKASH PRALIYA

nidsdocs1@gmail.com