DEPARTMENT OF CSE

ABSTRACT

G-DriveManager

It's a Desktop application which downloads the Google Drive Shared Folder in the same directory structure format. As we know whenever we try to download a shared folder from Google drive using any browser, First the folder will get zipped and then the downloading process starts which is a time taking process. For this process there are limitations too. The Google drive will make that folder at a max size of 2GB parts each; for an example if a folder is a total size of 8GB then the google drive will make zip files of 2GB each then we will get **2GB x 4** files in downloading process. There are multiple disadvantages for this process.

1. Time is consumed during zipping process by the browser (Depends on Size of folder) which can be 1 minute to 15 minutes.
2. Multiple extractable files for a single folder.
3. Time consumption and CPU consumption for again extracting those downloaded files.

So our application will overcome these problems with taking a simple input of URL of that folder and outputs the folder in local drive with the same directory structure format.

- The application will be portable i.e can work on any operating system.
- A Progress bar which shows the process of how many files have been downloaded
- A list view which shows the files name, size and type.

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