CSE 327 UML DIAGRAM(Unfinished)

FileHandler
- +def upload_chunk(self, chunk_str:str, mimetype:str, file_name:str, chunk_index:str):
- +def upload_file(self, file_path:str,file_name:str,mimetype:str):
- +def split_and_upload_file(file_path:str, file_name:str, mimetype:str, file_size:str, free_space:str, metadata:str):
- +def update_metadata(metadata:str):
- +def download_file(self, file_id:str, save_path:str):
- +def search_file():
- +def merge_chunks(self,file_paths:str, merged_file_path:str):
- +def download_and_merge_chunks(self, file_name:str, save_path:str)

<<Abstract>>Service
- +authenticateAccount(bucket_no): tokens
- +listFiles(query):void
- +checkAllstorage():void
- +checkStorage():int,int

DriveManager
- +def add_drive(self, drive: service, bucket_number):void
- +def check_all_storages(self):int, int
- +def get_all_authenticated_buckets(self): void

Uses

GDrive
- +constructor()
- +authenticateAccount(bucket_no): tokens
- +listFiles(query):void
- +checkStorage():int,int

Dbox
- +constructor()
- +authenticateAccount(bucket_no): tokens
- +listFiles(query):void
- +checkStorage():int,int

GDriveFile
- +def upload_chunk(self, chunk_str:str, mimetype:str, file_name:str, chunk_index:str):
- +def upload_file(self, file_path:str,file_name:str,mimetype:str):
- +def split_and_upload_file(file_path:str, file_name:str, mimetype:str, file_size:str, free_space:str, metadata:str):
- +def update_metadata(metadata:str):
- +def download_file(self, file_id:str, save_path:str):
- +def search_file():
- +def merge_chunks(self,file_paths:str, merged_file_path:str):
- +def download_and_merge_chunks(self, file_name:str, save_path:str)

DboxFile
- +def upload_chunk(self, chunk_str:str, mimetype:str, file_name:str, chunk_index:str):
- +def upload_file(self, file_path:str,file_name:str,mimetype:str):
- +def split_and_upload_file(file_path:str, file_name:str, mimetype:str, file_size:str, free_space:str, metadata:str):
- +def update_metadata(metadata:str):
- +def download_file(self, file_id:str, save_path:str):
- +def search_file():
- +def merge_chunks(self,file_paths:str, merged_file_path:str):
- +def download_and_merge_chunks(self, file_name:str, save_path:str)