

# Files Collection Presented In E-Mail Format

Mrs. R. Suganya<sup>1</sup>, Mr. Nadjib Youssouf Mondoha<sup>2</sup>

<sup>1,2</sup> Dept of Computer Science

<sup>1,2</sup> Sri Krishna Arts and Science College.

**Abstract-** The loss of data and information of personal users almost occur every day. Thus technology is needed in every organization. Cloud computing has played a major role in solving the inefficiencies problem in organizations and increase the growth of safety of information thus help the organizations to stay competitive. It is required to improve and automate the traditional ways of saving data. Cloud computing has been considered as an innovative way to improve the loss of data. The method has been used is secondary research, that is collecting data from published journal papers and conference papers typically, without a file management, all files would have no organization audit would be impossible for a file with the same name to exist. Files are managed in a hierarchy, which allows you to view files in the current directory and then navigate into any subdirectories.

**Keywords-** Inefficiencies, Audit, Hierarchy, Directory, Subdirectory.

## I. INTRODUCTION

In the world of software development there lots of improvement in the area of storing and saving data. The philosophies and implementation details are changing as the people guiding the development of the application. In this fantastic and yet sometimes complex world of software Development guidelines employed by most Of the developer. Developments there are some tried and true architecture patterns and software. Also the design must have an ability to turn towards innovation instead of lending itself to common practices. Project collections are one such area where developer must learn on their creative side and hope that their solutions are still successful. In this report we will explain an exciting voyage down the road of project collections. From requirements to use cases, to database design, to component frameworks, to user interfaces, we will cover each and every aspect of system design required to build an environment with collaborative with storing data.

The reason why we selected project collections is everyone who study or graduated can imagine how many books or report are used per year for final year project or

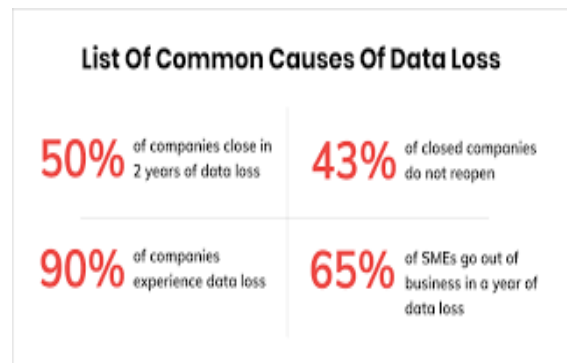
report are used per year for final year project or like mini project. The objective of this project is to develop a system where project report can be stored and found from the comfort of home through the Internet.

## II. PROBLEM STATEMENT

The process of doing a project and report requires a lot of energy time and finance all those information must be kept safe and secured for future use and references.

Furthermore, for each graduated student to do a project for almost all departments it normally takes a lot of time and a lot of processes and a lot of paper in clearing the academic studies Hence, it became important for computer studies to create an environment to reduce the loss of data and information.

According to some research the following diagram give a small brief of data loss.



## III. OBJECTIVES OF THE PAPER

### 3.1-Main Objective

The main objective of this paper is to create system which will be able to store project report or any other electronic data that allows student specifically to save their project and report using file system with the help of their email and password that will enable the stilling of data using SQL Injection.

### 3.2-Specific Objectives

To design a system to store files  
To analyze the problems in the existing system  
To analyze the possible requirements for the new system.

### 3.3-Scope of the Project

As a part of the preliminary study, the scope of the system has to be clearly outlined. This is useful for saving both data of student and environment which we are living it will also help save the amount of effort which those people who make projects and report are putting and the cost involved etc.

In many institutions it's mandatory for every graduate to do report which require a lot of money, paper, energy etc.

During the project the student must print a hard copy of his/her project which will be saved or throw it later.

## IV. SIGNIFICANCE OF THE STUDY

This project helps in several ways, decrease the use of a lot of papers and save all those data electronically as the following diagram shown.

| Name                    | Date modified   | Type        |
|-------------------------|-----------------|-------------|
| admin@gmail.com         | 30-Jun-19 12:50 | File folder |
| nadjibyousouf@gmail.com | 30-Jun-19 14:10 | File folder |
| SASA@gmail.com          | 09-Jul-19 01:04 | File folder |

## V. JUSTIFICATION FOR THE NEW SYSTEM

The new system was designed to solve problem affecting the manual system in use. It was designed use file system thereby relieving both student and staff from much loss as experienced from the manual system.

This was the analyzing and storing of information either automatically or interactively, it made use of this system. The proposed system also had some other features like.

Accuracy in handling of data  
Fast rate of operation and excellent response time.  
Flexibility, that is to say, it can be accessed at any time

Easy way of back up or duplicating data in diskette in case of data loss.

Better storage and faster retrieval system.

Accessibility from any part of the world after putting online.

**Most common reasons for data loss are connected to our everyday lives - the way we save, store and handle our data.**

- ✓ Deleting files accidentally. ...
- ✓ Viruses and damaging malware. ...
- ✓ Mechanical damages of hard drive.
- ✓ Power failures. ...
- ✓ Theft of computer. ...
- ✓ Spilling coffee, and other water damages. ...
- ✓ Fire accidents and explosions.

### Algorithm:

```
var folders = null;
function start() {
  folders = ['id-of-the-starting-folder'];
  work();
}
function work() {
  if( folders === null )
  folders=ScriptProperties.getProperty('folders').split(',');
  while( folders.length > 0 ) {
    workOnFolder(folders[0]);
    folders.shift(); //remove the 1st element
    ScriptProperties.setProperty('folders', folders.join());
  }
}
function doFolderLater(folder) {
  folders.push(folder.getId());
}
function workOnFolder(id) {
  var folder = DocsList.getFolderById(id);
  folder.getFolders().forEach(doFolderLater);
  folder.getFiles().forEach(workOnFile);
}
function workOnFile(file) {
}
```

## VI. ADVANTAGES AND DISADVANTAGES.

### 6.1-Advantages:

**Data storage saving:** By storing your data online you are reducing the burden of your hard disk, which means you are eventually saving disk space.

**World Wide accessibility:** This is the main advantage of online data storage. You can access your data anywhere in the world. You don't have to carry your hard disk, pen drive or any other storage device.

**Data safety:** You cannot trust your HDD and storage device every time because it can crash anytime. In order to make your data safe from such hazards you can keep it online.

**Security:** Most of the online storage sites provide better security. Here is a list of free online storage sites, on which you can trust. If you are looking for free high storage online site then here is the another site which ...

**Easy sharing:** you can share data with your friends' faster, easy and secure manner, which makes you can your close ones happy!! Isn't it good?

**Data recovery:** online data storage sites provide quick recovery of your files and folders. This makes them more safe and secure.

**Automatic backup:** you can even schedule automatic backup of your personal computer in order to avoid manual backup of files.

## 6.2- Disadvantages.

None of the thing in this world doesn't have disadvantage. There are few disadvantages there while using online data storage but if you handle things with care then you can surely avoid them. Some of them are as follows-

**Improper handing can cause trouble:** You must need your user-id and password safe to protect your data as if someone knows or even guess your credentials, it may result in loss of data. Use complex passwords and try to avoid storage them in your personal storage devices such as pen drive and HDD.

**Choose trustworthy source to avoid any hazard:** There are many online storage sites out there but you have to choose the one, on which you can trust. You can always refer the list of free online data storage sites, which I shared above

**Internet connection sucks!!** To access your files everywhere the only thing you need is internet connection. If you don't get internet connection somewhere then you will end up with no access of data even though it is safely stored online.

## VII. LIMITATIONS

This project covered some of the aspect of a computer software based file system. However the following are the constraints: Acceptance: Due to some rules and regulations of many institutions this project cannot be executed because they require hard copy of these reports and projects.

Some researcher will not accept to upload documents on the system were considered

Confidential and were not made available.

## VIII. CONCLUSION

Using this system effectively within an organization ensures that data and knowledge is safe, accurate, and accessible. With that comfort, employees feel more apt to reduce paper and rely on the project collection using file system. It is one important step to becoming a paperless office and avoiding the stiling of data using SQL Injection.

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