**INTRODUCTION**

MBSFAS is a technique for web retrieval using security keys on cloud only for registered users.

* . MBSFAS uses of 2 Entities Admin and General Users.
* Admin has privileges to upload the files, each file is assigned security keys, add new user, assigning of password and changing of password of general user.
* General user must register first to the admin. If he is registered, he has privileges to download & view the file from the cloud.
* He can download the file from PC or mobile. Only he has to send filename & security key associated with the file assigned by admin.
* The admin will check whether he is registered user, If he is registered user than file is downloaded to location specified by the general user.

## DOCUMENT PURPOSE

* MBFAS will create a part of separate cloud from entire cloud where file access is allowed for only authorized users using security keys. In order to provide security on cloud for web retrieval, security keys must be assigned to files uploaded.
* This can be achieved by having 2 entities:
  + Admin: He has privileges to add new user, upload file, assign security keys to each file & change the password.
  + General user: He has privileges to download & view file, send mails to other registered users provided he has register to admin first.
* It prevents Un-authorized user from accessing the data on cloud & by providing security keys to files on cloud will ensure enhanced security.
* General user can only download the files if he knows both filename & security keys associated with file..

**CHALLENGES WITH EXISTING TECHNOLOGY**

* Now a day’s data on the Internet is less secured
* Web retrieval is open without any authentication or checking for valid users.
* Hacker’s can easily upload the false document & keep the users in blind.
* Time delay is more when requests are more for document on Internet.

## Definitions, Acronyms and Abbreviations

MBFAS: MOBILE BASED SECURED FILE ACCESS SYSTEM

## 

## References and Acknowledgments

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**OVERALL DESCRIPTION**

**Architecture:**

The complete block diagram for the proposed scheme is as shown in the diagram below. The key components in the scheme are the Admin, General user, cloud and system.

SYSTEM A

SYSTEM C

SYSTEM B

**A**

**B**

**C**

FILE UPLOAD

Cloud

ADMIN

The processes involved are:

* Uploading of files by admin.
* Downloading of files by general users.

**SPECIFIC REQUIREMENTS**

**HARDWARE REQUIREMENTS:**

1. Intel server with minimum of 2 gb ram
2. The server should have a static IP address.
3. A GSM modem or a GSM enabled mobile.
4. A System with static IP address

**SOFTWARE REQUIREMENTS**

1. Window xp as operating system

2. Jdk 1.6

3. Netbeans 6.0.1

4. Dreamviewer for web page designing

**BENEFITS**

* It improves security on cloud for web retrieval.
* It prevents Un-authorized access
* Enable a group of registered users to communicate through mails.
* User can download files either by mobile or pc.