**Encrypted Data Storage Vs Data Against illegal Access**

**ABSTRACT**

Some years back, The cloud computing storing large amount of Data insist of clouds, the cloud based services providing many more services and many more advantages and privacy ,security also providing for this concern. To mitigate the concerns, it is desirable to outsource sensitive data in encrypted form. Encrypted storage protects the data against illegal access, but it complicates some basic, yet important functionality such as the search on the data. The searching Handled by keywords this is made by two to more keywords to be added.

**Existing System**

Now a day’s data intensive storage ,cloud computing becomes prevent because it removes over loaded data for data management in cost effective manner. The , large amount of data, ranging from personal health records to e-mails, are increasingly outsourced into the cloud. At the same time, transfer of sensitive data to untrusted cloud servers leads to concerns about its privacy.

**Disadvantages of existing system:**

1. It does not provide more security and we get the files from only exact name required.
2. Transfer of sensitive data to untrusted cloud servers leads to concerns about its privacy

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**Proposed System**

In this project we propose anEncrypted Data Storage Vs Data Against illegal Access. To ensure the confidentiality of the sensitive data, we provide a rigorous security definition and prove the security of the proposed scheme under the provided definition. In addition, we provide a real world application of the proposed scheme and verify the theoretical results with empirical observations on a real dataset**.**

we provide an overview of our solution. To enable efficient similarity search, Alice builds a secure index and outsources it to the cloud server along with the encrypted data items. Server performs search on the index according to the queries of the data users without learning anything about the data other than what Alice allows an adversary to learn.

### Implementation

Implementation is the stage of the project when the theoretical design is turned out into a working system. Thus it can be considered to be the most critical stage in achieving a successful new system and in giving the user, confidence that the new system will work and be effective.

The implementation stage involves careful planning, investigation of the existing system and it’s constraints on implementation, designing of methods to achieve changeover and evaluation of changeover methods.

**Main Modules:-**

1. **UserModule:**

In this module, Users are having authentication and security to access the detail which is presented in the ontology system. Before accessing or searching the details user should have the account in that otherwise they should register first.

**2. Text use as a key :**

The key of common text can be made from any word given by the Dataowner and File. The secure text and a search scheme to enable fast similarity search in the context of encrypted data. In such a context, it is very critical not to sacrifice the confidentiality of the sensitive data while providing functionality. We provided a rigorous security definition and proved the security of the proposed scheme under the provided definition to ensure the confidentiality.

**3.File Searching:**

we provide a specific application of the proposed similarity searchable encryption scheme to clarify its mechanism.Server performs search on the Index for each component and sends back the corresponding encrypted bit vectors it makes by the respective like commend. Finally, we illustrated the performance of the proposed scheme with empirical analysis on a real data.

**4. DataEncryption:**

Alice sends the encrypted collection along with the secure text to the remote server. Once data is outsourced, data users should be able to selectively retrieve data from the remote server. To do so, Alice shares the

following information with data users:

**5. Commends :**

Here there are two types of commends here there are like and unlike commends also here for improving downloads.

# Configuration:-

# H/W System Configuration:-

# Processor - Pentium –III

Speed - 1.1 Ghz

RAM - 256 MB(min)

Hard Disk - 20 GB

Floppy Drive - 1.44 MB

Key Board - Standard Windows Keyboard

Mouse - Two or Three Button Mouse

Monitor - SVGA

# S/W System Configuration:-

* Operating System : Windows95/98/2000/XP .
* Application Server : Tomcat5.0/6.X .
* Front End : HTML, Java, Jsp.
* Scripts : JavaScript.
* Server side Script : Java Server Pages.
* Database : Mysql 5.0
* Database Connectivity : JDBC.