**System Analysis**

**EXISTING SYSTEM:**

* Data de duplication systems, the private cloud are involved as a proxy to allow data owner/users to securely perform duplicate check with differential privileges.
* Such architecture is practical and has attracted much attention from researchers.
* The data owners only outsource their data storage by utilizing public cloud while the data operation is managed in private cloud.

**DISADVANTAGES OF EXISTING SYSTEM:**

* Traditional encryption, while providing data confidentiality, is incompatible with data de duplication.
* Identical data copies of different users will lead to different cipher texts, making de duplication impossible.

**PROPOSED SYSTEM:**

In this paper, we enhance our system in security. Specifically, we present an advanced scheme to support stronger security by encrypting the file with differential privilege keys. In this way, the users without corresponding privileges cannot perform the duplicate check. Furthermore, such unauthorized users cannot decrypt the cipher text even collude with the S-CSP. Security analysis demonstrates that our system is secure in terms of the definitions specified in the proposed security model.

**ADVANTAGES OF PROPOSED SYSTEM:**

* The user is only allowed to perform the duplicate check for files marked with the corresponding privileges.
* We present an advanced scheme to support stronger security by encrypting the file with differential privilege keys.
* Reduce the storage size of the tags for integrity check. To enhance the security of de duplication and protect the data confidentiality,