**METHODS:** Register and Login Data owners, Purchase cloud by paying cost and view purchased details,Browse file, Split into 4 blocks and enc each block and Upload,View all Uploaded Files with digital sign,View Deduplication file from data deduplication,View your files and Update Block contents.

**MEMBERS:**Owner name,password.

**METHODS**: View data owners and authorize,View End users and authorize,View all data owner file details,Add Memory and cost details and view the same,View all file and memory transaction of each and every data owner,View download or search req and give permission,View all owner and user transactions,find File rank results in chart.

**MEMBERS:**

Cloud server name,password.

Cloud Server

Data Owner

server

**Data Deduplicator**

**Methods** : View all Data owner files with shared or deduplication verification details ,View users dedulication tried and uploaded details, View saved memory of the Data Owner after sharing file from other user,Find CPU Speed while storing file.

**MEMBERS :**

Data duplicator name,password

**End User**

**METHODS:** Req Search or download permission from cloud,View response for download or search,Search file and Download the file.

**MEMBERS:**

End user name,password,file name ,secret key, mobile number,email address,pin code,date of birth,gender,select image.