**Data Deduplicator**

View users dedulication tried and uploaded details

View all Data owner files with shared or deduplication verification details

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 saved memory of the Data Owner after sharing file from other user

Find CPU Speed while storing file.

View all Uploaded Files with digital sign

**Data Owner**

View data owners and authorize,View End users and authorize,View all data owner file details

**Cloud Server**

View Deduplication file from data deduplication

Add Memory and cost details and view the same

View download or search req and give permission

**End user**

View all owner and user transactions,find File rank results in chart.

Req Search or download permission from cloud

Search file and Download the file.

View response for download or search,