**SEQUENCE DIAGRAM**

**Key Server**

**user**

**Cloud server**

**Data Owner**

Register and Login, Upload, Upload Meta data

View Uploaded Files, Verify File,

Request secret key

Delete File.

Gives secret key

Searching file based on Keyword

Check files name and Secret key

Search response

Request Access Permission

Access permission Response

Login, Authorize User, Authorize Owner, View Owner Files,

Register and Login, Request FILE Key and MLE Key,

Search response

Search File,

View Attackers, View Data De duplication Files, View Transactions,

Login,

View Secret Key Request and Permit,

View MLE Key Request and Permit.

Download File.

View File Rank Chart, View Time Delay Results, View Throughput Results.