**Architecture Diagram**

**Login,**

**Authorize User,**

**Authorize Owner,**

**View Owner Files,**

**View Attackers,**

**View Data De duplication Files,**

**View Transactions,**

**View File Rank Chart,**

**View Time Delay Results,**

**View Throughput Results.**

**CLOUD SERVER**

**Browse and enc and Uploads files**

**1) View user Details**

**Data**

**Owner**

**Key Server**

**1) Registers & Logins**

**Register and Login,**

**Upload, View Uploaded Files, Verify File, Delete File.**

**Login, View Secret Key Request and Permit, View MLE Key Request and Permit .**

**Register and Login,**

**Request FILE Key and MLE Key,**

**Search File,**

**Download File.**

**1) Registers & Login with Biometric Authentication**

**User**