Cloud Service Provider

Login

Members

Methods

Login, View Files and Generate Key.

ID, File Name, Index, Contents, MAC, Rank, Date & Time, DATA OWNER, Secret Key.

Login, View and Authorize Users, View and Authorize Owners, View Files, View All Search Transactions, View All File Transactions, View All Top Searched, View Attackers, Search Requests, View Time Delay, View Throughput.

ID, File Name, Index, Contents, MAC, Rank, Date & Time, DATA OWNER, Secret Key.

User

Methods

Members

Members

Methods

Register

Register, Reset

Name, Password, DOB, Gender, Address, City, Country, Email, Mobile

Login, Register, Reset

User Name, Password

Members

Methods

Members

Methods

Data Owner

Members

Methods

Register and Login, Attackers, Upload File, View Files, Verify data(Verifiability), View and Delete Files, View All Transactions.

ID, File Name, Index, Contents, MAC, Rank, Date & Time, DATA OWNER, Secret Key.

PKG

Register and Login, My Profile, View Files, Search Files, Search Ratio, Top K Search, Req Search Control .

ID, File Name, Index, Contents, MAC, Rank, Date & Time, DATA OWNER, Secret Key.