**User**

**CSP**

**DTP**

**Data Owner**

Register data owner

Register confirmation

Provides login authorization

Upload file request

File uploaded confirmation

Provides login authorization

Registration request

Register confirmation

Public data auditing

schedule for data freshness

File download req

View Uploaded Data

File download confirmation

View Data Auditing By Blockchain

auditing

Create Blockchain & Download Data.

Login authorization

Update blocks

View Data Request

View Data Response

View Transactions

Req SK