**Use Case Diagram**

Register and Login, Browse file and Upload File

View Attackers, View Files, View Service Recommendations By Block chain

View Files

**Data Owner**

Authorize User,Authorize Owner

Update File

**Cloud Server**

Search Requests,Download Requests

View File Rank Results,

View Time Delay Results,View Throughput Results.

**End user**

Register and Login

Request Search and download request and view the same

Download file