**Architecture Diagram**

**Data Owner**

1. View data owners and authorize
2. View End Uses and authorize
3. View all File Request
4. View all cloud Files
5. View all files’s block
6. View replication Found
7. View all transactions
8. View all attackers
9. View replication results
10. Register and Login
11. Browse file and split into blocks, encrypt and then upload
12. View your files blocks
13. Check data integrity
14. Check data de replication
15. Update Block
16. Req and Res File
17. Access Files

**End User**

1. Register and Login
2. Request file
3. View File Response
4. Download file

**Attacker**