**MODULE DESCRIPTION**

There are four modules:

1. Admin
2. Agent
3. Users
4. Network operator

**Admin:**

Admin is responsible for adding agents and approving users. He uploads the files in encrypted format for each and every agent and sends a request to the agent to distribute the files to the specific users. When he detect any type of data leakage , he send a request to network operator. He also have the facility to block the user who leaked the data after identifying the attacker.

Functions are:

* Add agents
* Approve users
* Upload files
* Send request
* View report

**Agent:**

Agents login to the system and view the files. He then allows access to view and download these files to specific users. While sending these files to authorized users, files are recreated with watermark. These watermarks are different for each and every user which helps to trace out the hackers.

Functions are:

* View files
* Provide files to registered users with watermark

**User:**

Users only have the privilege to view and download the files.

**Network Operator:**

Network operator is the people who handle the request of admin for identifying the user who leak the file. He returns the whole details of the user with the leakage time to the admin.