**Data Owner**

**Cloud Server**

View Data Owners and Authorize

,View Receivers and Authorize

,View Patient Details

,View Transactions Details

,View Search Details

,View Secret Key Response Details

,View Attacker Details

,View Keyword Used Results

,View Attacker Count Results

File Name,Disease,Age,Blood Group,Gender,E-mail,Mobile No,Data(Encrypted),Trapdoor,DT

Register and Login

,Upload Patient Details

,View Uploaded Patient Details

File Name,Disease,Age,Blood Group,Gender,E-mail,Mobile No,Data(Encrypted),Trapdoor,DT

Methods

Methods

Members

Members

Members

Methods

Submit (), Reset ()

Name, Password, Confirm\_PW, City, Address,cloud\_serevr, Payment, Card\_number, Amount, Cloud\_server\_IP,

**Register**

**Login**

**Data Consumer**

**Registry Authority**

Register and Login

,Search Patients On Cloud

,Request Secret Key

,Secret Key Response  
  
  
File Name,Disease,Age,Blood Group,Gender,E-mail,Mobile No,Data(Encrypted),Trapdoor,DT

Login

View Secret Key Request

,View All Attackers

File Name,Disease,Age,Blood Group,Gender,E-mail,Mobile No,Data(Encrypted),Trapdoor,DTand Time,Owner Name

Methods

Members

Login ()

Data\_Owner\_name, Password, Cloud\_server,

Methods

Members

Methods

Members