* **Class Diagram :**

**Cloud Node**

**Gateway**

Login, View All Revocated Users By Gateway,

File Name, Owner Name, Block1, Hash-1, Block2, Hash-2, Block3, Hash-3, Block4, Hash-4, SK.

Login View IOT Users, View IOT Device, View Data Blocks, View All Data Requested Users, View Time Delay Results, View Throughput Results.

File Name, Owner Name, Block1, Hash-1, Block2, Hash-2, Block3, Hash-3, Block4, Hash-4, SK.

Methods

Methods

Members

Members

**Register**

**Login**

Login (), Reset (), Register ().

User Name, Password.

Register (), Reset ()

User Name, Password, E-mail, Mobile, Address, DOB, Gender, Pin code, Image

Login, Register

User Name, Password

Methods

Methods

Members

Members

**IOT Device**

**Edge Node**

**IOT User**

Login, Upload Data Blocks.

File Name, Owner Name, Block1, Hash-1, Block2, Hash-2, Block3, Hash-3, Block4, Hash-4, SK.

Methods

cbbvbvcvv

Register and Login, Search File Data, Request Data Access Permission, Download Data .

File Name, Owner Name, Block1, Hash-1, Block2, Hash-2, Block3, Hash-3, Block4, Hash-4, SK.

Login, View Requested Data Access Permission.

File Name, Owner Name, Block1, Hash-1, Block2, Hash-2, Block3, Hash-3, Block4, Hash-4, SK.

Members