* **Class Diagram :**

Login, Register

User Name, Password

Service Provider

Login, Browse Network Data Sets and Train & Test, View Trained and Tested Accuracy in Bar Chart, View Trained and Tested Accuracy Results, View Prediction Of Threat Detection Status, View Threat Detection Status Ratio, Download Predicted Data Sets, View Threat Detection Status Ratio Results, View All Remote Users.

Flow\_ ID, Source\_ IP, Source\_ Port, Destination\_ IP, Destination\_ Port, Timestamp, Flow\_ Duration, Total\_ Fwd Packets, Total\_ Backward\_ Packets, Total\_ Length\_ of\_ Fwd\_ Packets, Total\_ Length\_ of\_ Bwd\_ Packets, Fwd\_ Packet\_ Length\_ Max, Fwd\_ Packet\_ Length\_ Min, Bwd\_ Packet\_ Length\_ Max, Flow\_ Bytes, Flow\_ Packets, Fwd\_ Packets, Bwd\_ Packets, Max\_ Packet\_ Length, Prediction.

Methods

Members

**Login**

**Register**

Register (), Reset ()

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

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

User Name, Password.

Methods

Methods

Members

Members

Remote User

Tweet Servervvv

Tweet Server

Tweet Server

Tweet Server

Tweet Server

REGISTER AND LOGIN, PREDICT THREAT DETECTION STATUS, VIEW YOUR PROFILE.

Flow\_ ID, Source\_ IP, Source\_ Port, Destination\_ IP, Destination\_ Port, Timestamp, Flow\_ Duration, Total\_ Fwd Packets, Total\_ Backward\_ Packets, Total\_ Length\_ of\_ Fwd\_ Packets, Total\_ Length\_ of\_ Bwd\_ Packets, Fwd\_ Packet\_ Length\_ Max, Fwd\_ Packet\_ Length\_ Min, Bwd\_ Packet\_ Length\_ Max, Flow\_ Bytes, Flow\_ Packets, Fwd\_ Packets, Bwd\_ Packets, Max\_ Packet\_ Length, Prediction.

Methods

Members