* **Class Diagram :**

Login, Register

User Name, Password

Service Provider

Login, Train & Test Data Sets, View Trained and Tested Accuracy in Bar Chart, View Trained and Tested Accuracy Results, View Prediction Of Attack Type, View Attack Type Ratio, Download Predicted Data Sets, View Attack Type Ratio Results, View All Remote Users.

ID, Sender\_ IP, Sender\_ Port, Target\_ IP, Target\_ Port, Transport\_ Protocol, Duration, Av g Duration, PBS, Avg PBS, TBS, PBR, Avg PBR, TBR, Missed\_ Bytes, Packets\_ Sent, Packets\_ Received, SRPR, 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 ATTACK TYPE, VIEW YOUR PROFILE.

ID, Sender\_ IP, Sender\_ Port, Target\_ IP, Target\_ Port, Transport\_ Protocol, Duration, Av g Duration, PBS, Avg PBS, TBS, PBR, Avg PBR, TBR, Missed\_ Bytes, Packets\_ Sent, Packets\_ Received, SRPR, Prediction.

Methods

Members