Service Provider

Login,

Browse SMS Message Data Sets and Train & Test,

View Trained and Tested Accuracy in Bar Chart,

View Trained and Tested Accuracy Results,

View Prediction Of SMS Message Type,

View SMS Message Type Ratio,

Download SMS Message Predicted Data Sets,

View SMS Message Type Ratio Results,

View All Remote Users.

**Architecture Diagram**

Accepting all user Information

**Admin**

View user data details

Authorize the Admin

Process all user queries

**Store and retrievals**

**WEB Database**

Registering the User

Remote User

Tweet Server

Tweet Server

Tweet Server

REGISTER AND LOGIN,

PREDICT SMS MESSAGE TYPE,

VIEW YOUR PROFILE.

**Algorithms Used(Trained and Tested With)**

**Naive Bayes, SVM, Logistic Regression,  
Decision Tree Classifier, Random Forest Classifier,  
SGD Classifier,KNeighborsClassifier**