Divided the extracted tweet as related as in tweets with citizens problems and gave the output as 1 and unrelated tweets as output

Extracted tweets were save in excel sheet

Extracting tweets from Twitter using Tweepy API – containing names location in Thane

**Creating Training Dataset**

Tweet : xyz

Output : 1 or 0

**DATASET**

-Date

-Tweet

-Username

-Location

**Preprocessing the dataset**

Cloud vectorization

Removing Punctuation

Tokenization

Remove stop words

Lamentation and stemming

Analyzing the processed data

Front end will be interactive which will display the citizens problem and will have various filters like location, date etc.

**FRONT END**

Displaying the tweets predicted by the model as citizen problems that is related from the backend

**Backend dataset**

Date : 123

Tweet : xyz

Output : 1 or 0

Location : abc

Saving the predictions of the model in mongo DB OR MySQL as backend

Training data set has 1 feature that is tweet and the output is either 1 or 0

Training The model

Naïve Bayes using the training dataset

New testing dataset will be extracted and will be saved after prediction in the backend

Testing dataset as a input to the trained model

Cleaning the dataset and

Removing duplicate and null values