**Project Overview**

In our project , we are monitoring the city ambience by capturing XML RSS feeds of distinct cities from different sources like Hindustan Times , Times of India , The Hindu , etc. The data that we capture is stored in our MySQL database which has been automated , i.e. it fetches the data automatically from all the sources in order to capture the data everyday and then sentiment analysis is performed on it using VADAR sentiment analysis package which gives rating as positive , negative , neutral and compound. There are different parameters on which monitoring would be done. The data is also captured from Twitter using Twitter API and Tweeny. Comparitive analysis of XML RSS feeds and Twitter data is also executed .

**Need Analysis**

As there are several metropolitan cities , towns out there ; everyone doesn’t know about the environment or ambience of each city. City Ambience Monitor would really be useful for tons of people. For instance someone wants to visit a city that he/she has never visited before ; this ambience monitor will rate that city by analyzing the data based on different parameters like safety , traffic , vibes , people , culture , cafes and many more parameters. The analysis is performed on the current latest data as well as the old data that is fetched from Twitter using Twitter API . So this will really help many people especially travellers , explorers who keeps travelling different cities frequently.