**PROJECT SYNOPSIS**

**TITLE**

Sentiment Analysis

**TEAM MEMBERS**

1. Shashwat Singh(2017kucp1054)
2. Ayush Kumar Singh(2017kucp1053)
3. Prashrya Rao(2017kucp1057)

**OBJECTIVE/AIM**

This project aims at developing an extremely useful social media monitoring tool which can be accessed via GUI(Graphical User Interface) as well as through command-line interface.

**APPLICATIONS**

Sentiment Analysis is the process of ‘computationally’ determining whether a piece of writing is positive, negative or neutral. It’s also known as opinion mining, deriving the opinion or attitude of a speaker. The applications of sentiment analysis are broad and powerful. The ability to extract insights from social data is a practice that is being widely adopted by organisations across the world. It can also be an essential part of one’s market research and customer service approach. Not only one can see what people think of his/her products or services, one can also see what they think about their competitors too.  The overall customer experience of one’s users can be revealed quickly with sentiment analysis. In political field, it is used to keep track of political view, to detect consistency and inconsistency between statements and actions at the government level. It can be used to predict election results as well.

**TECHNOLOGIES USED**

**Frontend:**

1. Flask (a micro web framework written in Python)
2. HTML5
3. CSS3
4. Bootstrap

**Backend:**

1. Python3

**Database:**

1. Sqlite3

**Session Management:**

1. Flask Session (extension for Flask that adds support for Server-side Session)

**CURRENT STATUS OF DEVELOPMENT**

The project is in its production phase and has completed the development phase. The GUI as well as command-line interfaces are working successfully. Also, some session management features are being added.