

## CS794-CS892 Final Year Project Synopsis

Team Number	90
Group Members	Mohammed Allama Hossain and Rashika Daga
Project Mentor	Prof. Dr.Saptarsi Goswami and Prof. Dr.Satyajit Chakrabarti
Project Title	Social Network Analysis of Local Traffic Police Department

### Objective

The primary objective of the project is analysing the social media activity (online activity) of local traffic police department (KTP), and generating insights from the updates and activity to conclude about the interaction with the public, summarize concerns of the users and generate reports that will be useful for public and concerned authorities.

### Scope

The scope of the project involves a detailed study social media activity of Kolkata Traffic Police Department. It involves scheduling data extraction process, persistent storage of data in database, and deriving insights about the engagement of department with the public, and processing their updates on social network site, along with users' reviews to perform a summary of information useful to Kolkata Traffic Police, and concerned authorities and the public in large.

### Plan

- Detailed Study of the Topic- 15<sup>th</sup> October
- Implementation of framework- November-February Mid
- Research Paper Publication- February - April
- Testing and Deployment- end March
- Review- April-May

### References

- Social Network Analysis by John Scott
- Catanese, S.A., De Meo, P., Ferrara, E., Fiumara, G. and Provetti, A., 2011, May. Crawling facebook for social network analysis purposes. In *Proceedings of the international conference on web intelligence, mining and semantics* (p. 52)., July. Thumbs up?: sentiment classification using machine learning techniques. In *Proceedings of the ACL-02 conference on Empirical ACM*.
- Pang, B., Lee, L. and Vaithyanathan, S., 2002 *methods in natural language processing-Volume 10* (pp. 79-86). Association for Computational Linguistics.
- Facebook- Graph API

Mentor's Endorsement  
Signature and Date

Saptarsi Goswami 18/05/2018