

# LITERATURE SURVEY SEMINAR

## ON

## NOSLANG

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# PROBLEM STATEMENT\_

Given a message, classify whether the message is of positive, negative, or neutral sentiment. For messages conveying both a positive and negative sentiment, whichever is the stronger sentiment should be chosen and update the visualizations depending on that

# OBJECTIVES\_

1. To Detect abusive Content on twitter
2. To alert user if they post any abusive content
3. To Show users a visualization of their positive and negative content

# INTRODUCTION\_

In this project, we focus on twitter for data analysis, where twitter is an online networking service that enables users to send and read short 140-character messages called “tweets”. In addition to its publicity, twitter is accessible for unregistered users to read and monitor most tweets, Twitter is also a large social networking microblogging site. The massive information provided by twitter such as tweet messages, user profile information, and the number of followers/ followings in the network play a significant role in data analysis, which in return make most studies investigate and examine various analysis techniques to grasp the recent used technologies.



# LITERATURE SURVEY\_

## Website/ papers/Articles

## Reviews/findings

A Proposed Solution for  
Sentiment Analysis on Tweets to  
Extract Emotions from  
Ambiguous Statements

Findings go here

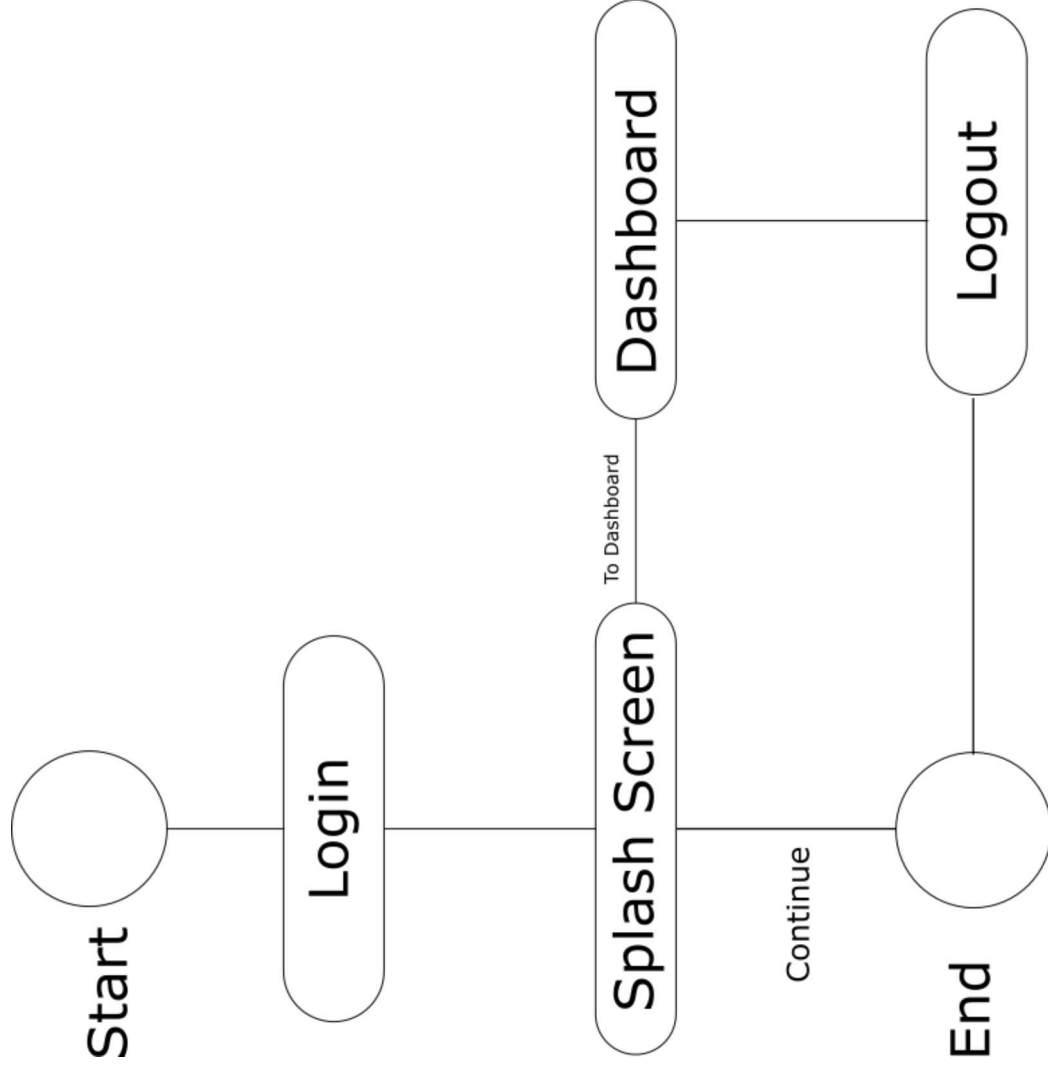
Twitter Sentiment Analysis

Finidngs go in  
here

# REAL TIME SURVEY\_

Real Time Survey goes here

# SYSTEM DESIGN\_



# PROPOSED WORK\_

While social media is a boon and many positive things have come out of it. Sometimes the opposite may come true and certain posts can be provocative or misleading which may result in a situation of public discomfort. We can use sentiment analysis to help us identify such posts and label them as inappropriate or provocative if necessary.



**TECHNOLOGY TO BE USED\_**

## Front End

- Next.js

## BackEnd

- Node.js
- node-nlp
- Twitter API

**APPLICATION\_**

1. Identification of offensive Content
2. Help user monitor their content
3. Comparative visualization on positive and negative content

## ADVANTAGES\_

1. Help in improving inclusivity on social media
2. Helps in tracking miss information

# PLAN OF WORK\_

Work	Time (Days)	Status
Requiemment Gathering	1 Day	Done
Analysis	2 Days	Done
Development (Bot)	~ 1.5 Week	Doing
Testing (Bot)	~ Immediate	Todo
Development (Dashboard)	~ 2 week	Todo
Testing (Dashboard)	~ Immediate	Todo
Deployment	~ 1 Day	Todo



# REFERENCES\_

1. A.Pak and P. Paroubek. „Twitter as a Corpus for Sentiment Analysis and Opinion Mining". In Proceedings of the Seventh Conference on International Language Resources and Evaluation, 2010, pp.1320-1326
2. R. Parikh and M. Movassate, "Sentiment Analysis of User-Generated Twitter Updates using Various Classification Techniques", CS224N Final Report, 2009
3. Go, R. Bhayani, L.Huang. "Twitter Sentiment Classification Using Distant Supervision". Stanford University, Technical Paper, 2009
4. L. Barbosa, J. Feng. "Robust Sentiment Detection on Twitter from Biased and Noisy Data". COLING 2010: Poster Volume, pp. 36-44.

**THANK YOU\_**