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# A Review of Classification based on User using Facebook based Profile Implementation

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**Abstract:** Social Networking Portal like Facebook attracts more and more illegal activities. Social Networking Portal such as Facebook is developed and limitations of Facebook are removed by keeping watch on all types of activities performed on this Portal. Classification of user posts into different categories such as Politics, Education, Entertainment, Sports etc. is made based on analysis of post messages in this Social Network Portal. Interest of any friend can be seen by user of this network from categories graph data. Adult images are blocked into Social Network using adult detection based on Image Processing. User posts, comments are analyzed to classify into Crime, Riots, Worst or Vulgar categories. Sentiment analysis is done on user posts and comments using NLP (Natural Language Processing) algorithm to detect user sentiments. If any user exceeds limit of bad posts or adult images, then he/she is automatically banned from this social networking Portal and this portal is more secure and reliable than Facebook Portal.

**Keywords:** Social Networking, Portal, NLP, Image Processing.

## I. INTRODUCTION

Social Networking is one of the popular ways to meet people online. It is important for the people using this social networking website to be able to speak their mind without any consequence. Here people typically are seen as mentors to guide the people in a better fashion it's so happens that the people when expressing themself do not think about the feelings of other.

They tend to upload images, comments, post which may be volatile in nature and can cause the sentiments of a particular community to be destroyed. In social network like facebook where there are millions of users using facebook to upload and share Varity of pictures. Facebook thereby can't administer or observe these users in dynamic manner, hence they need a system where all the comments pictures are taken and sensed using sentiment analysis.

## II. REVIEW OF RELATED LITERATURE

We have taken a brief review of all the sigular analysis and related paper to effectively get a proform balance in the implementation.

A. Social Networking

In the recent year social networking has explored in a big way, where multiple parties use social media every single day it has become a paradigm for communication tool and getting people together.

However due to users growing every day it becomes difficult for stopping online bullying, hatred spreading and initiation to groups like IS or ISIS. We need a special program to effectively manage the users via checking the images, post, comments uploaded.

B. Conceptual framework

This concept was typically based on the experience which was encountered in social networking websites, multiple instances of spreading of hatred, recruitment for terrorist organization is seen here.

## III. RESEARCH METHODOLOGY

We using sampling method, we researched how we can create this application for management of users at a dynamic level. We studied structure of social media networking website to effectively know about the difficulty and the hard work required for the success of this application / portal.

We reviewed the papers for in depth analysis of the constraints which needed to be taken care of for the success of this project.

A. Problems in social networking

Given the increasing significance and visible impact of social media there are increasing problems like cyber bullying, privacy, security. This problem occurs every single day in the life of every person. We can minimize this by using our solution to categorize users on the basis on their sentiments using simple analytics and objects like images, text and post.

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## IV. SYSTEM ARCHITECTURE

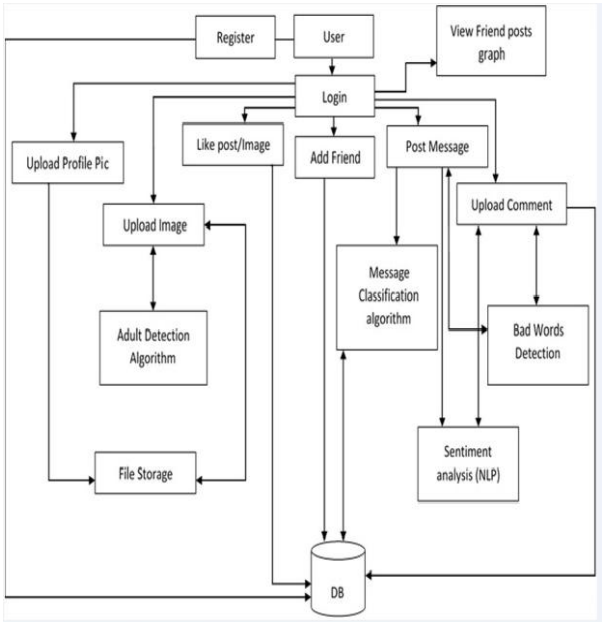


Fig. Architecture of facebook watchdog

## V. STATE STRANSITION DIAGRAM

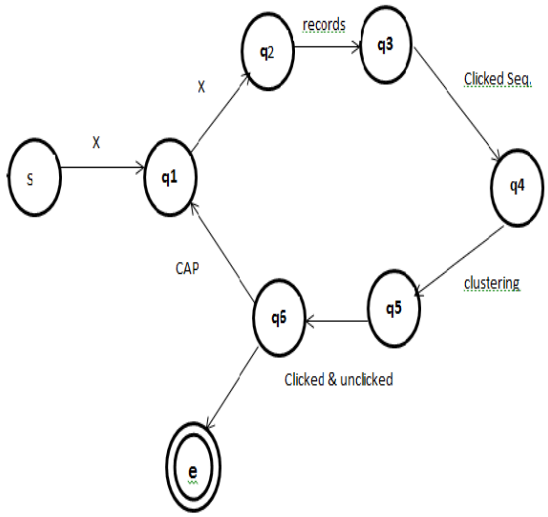


**Fig: State Transition Diagram**

Where,
s=input state
x=query
q1= accept ambiguous Query
q2 =User log
q3= feedback session.
q4=pseudo doc.
q5= restructuring result.
q6= optimization.
e= end state

Explanation
1. The 'q1' state accept the ambiguous query 'x' from the state 's' which is our initial state .
2. The q2 state is meant for User log which stores the query x which is accept in state q1. The query stores in state q2 used for finding the related URL's form database and send this records to state q3.
3. In q3 state, the records from database as well as from click through log will retrieved and generate the feedback sessions.
4. 'q4' state will generate pseudo documents of URL from feedback session with clicked URLs by the user.
5. Apply clustering algorithm to form a group of relevant keywords from pseudo documents so that each cluster represents one user search objective.
6. Next step 'q6' is to organize words from one cluster into topic-subtopic hierarchy by using optimization which will display result in to restructured form.
7. In this step i.e. 'q6', we use CAP evaluation for performance of restructured result.

## VI. DISCUSSIONS

There needs to be a product which can effectively administer and check the contain in form of text data, image data, post data. In collaboration with multiple structures we can create such a portal which can overcome the weakness of a typical social networking websites, the work of the administrator will be much easier when the system immediately inform the system admin in an event of wrong or culturally bad post. There by we found that there is extream need for this project to tackle problem like bullying, influencing, grooming.

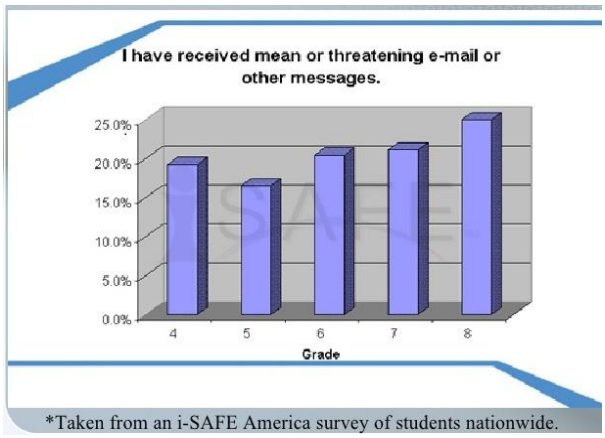


Fig. 1 A bar graph showing number of student bullied online by grades.

## VII. SOCIAL NETWORKING TRENDS

**1. Less is more better is better.**
Social media is a crowded world already—there are billions of users with social profiles, and they all follow hundreds to thousands of different accounts. On top of that, most platforms' newsfeed algorithms now sort posts based on a degree of perceived relevance, rather than based on the time of publication. Add in the fact that users are beginning to prefer hyper-relevant, in-the-moment content to regurgitated updates or retrospective posts, and

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you have a perfect formula for users to prefer fewer, but better posts. Quality has always been more important than quantity, but now social platforms and users are further cementing that fact.

**2. A shift is happening in platform dynamics.**
Until recently, the three big players of the social media game were Facebook, Twitter, and LinkedIn—almost indisputably—and all three platforms served similar functions for slightly different niches. Today, those positions have changed and diversified; Instagram and Snapchat are newer players in the game, but each serves a niche role despite having massive user bases.

**3. Live streaming is getting bigger.**
Video content has seen a huge spike in popularity over the past few years, in part because it has become a more accessible medium, and in part because users are growing tired of older mediums. Combined with the trend of users demanding more "live" and in-the-moment updates, live streaming video has seen a major increase in popularity; especially with the recent release of Facebook from papers during the processing of papers for publication. If you need to refer to an Internet email address or URL your paper, you must type out the address or URL fully in Regular font.

## VIII. SOCIAL NETWORKING BULLYING

With the increase of social networking sites, online activity and messaging apps, cyberbullying is on the increase. In a survey 47% of young people who took the survey have received nasty profile comments and 62% have been sent nasty private messages via smartphone apps. This is very worrying as it shows how cyber bullying is on the increase.
Most of the apps and social networking sites are for people aged 13 and over. They also state that bullying, abusive behaviours which includes harassment, impersonation and identity theft are banned and not allowed. However, results from our bullying survey, shows 91% of people who reported cyber bullying said that no action was taken. This can leave users feeling disbelieved, vulnerable and knock their selfesteem.

## IX. CONCLUSION

In this project Accessing the Facebook post from the developers account. User Posts will be classified into different categories such as Politics, History, Education, etc. Also NLP Algorithm is used for Sentiment Analysis of messages into Positive and Negative Categories.

This System perform to use any user can view other Facebook user's interest based on categories of posts shared by that user such as Politics, History, Education, Entertainment and Sports so that user can get to know about interest of his/her friend.Final output will be on the basis of adult post graph and category of post graph.

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