

# Peer Rating System

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**Abstract:-** We know that now all of the people around the globe are using the social media for many purposes. In these social media the users have no restriction for the usage of words in the online platforms. So any one can post anything in his mind, it will be a good or bad posts according to different aspects. So here we are proposed a peer rating system in which the system will generate a rating for the users. The rating is calculated by the usage of Good/Bad words used by the user in the comments or posts in Social media. The proposed system will consist of different aspects like the user post count is taken, other users can rate the friend users and the NLP technique is also used here. All the users can see the rating of the person while sending the friend request. So by using this system the users will try to avoid the use of hate/offensive words in the social media's. The users who will be used online social media for good purpose will have a good rating others will be having low rating according to their usage.

**Keywords:-** Social Media Rating, Rating, Peer Rating.

## I. INTRODUCTION

Online social media and the blogging websites are the main things that attracts the People to be in the Internet era of 2019. The online social media like Facebook, Instagram, LinkedIn are the main of the examples many more are there. In these social media the people from different parts of the country will be interacting with different background, cultures and interests. The contents of these sites are growing rapidly which is an example of big data. Big data is gained the interest of the people ,who are interested in the automatic analysis of people's opinions. These all platforms offer an open place for the users to interact among the huge amount of people among the globe. They can send message , post anything in their or friends profile, Comment any post of others ,Like or share photos etc. So among these people everyone is not the same character right? So they will be using different languages which will be some time Hate/Offensive in their posts or comments. So these bad words will be used to harm or irritate others user in that

platform. This is the current trend in the social media, So we proposed the system called Peer Rating System in which the users are given the rating according to the character and usage of words in this social media. Lets see how the system is working.

### A. Motivation

The main thing is the people are using many offensive or hate words in the social media. So we thought to reduce the misuse of the social media for the usage of these type of words to disturb or to argue other users in the social media. That's the main reason we are going to take these Rating system in the social media so the users will try to avoid the use of such words and that type of activities by using the social medias.

## II. PROPOSED SYSTEM

The proposed system has two modules: a social media network which is a huge platform for connecting peoples all around the world. It is very influential and beneficiary to the users to share their emotions and views towards the society.

In Our Social media which consist of integrated Rating System which automatically rate the users according to posts and comments published by the user using Natural Language Processing.

The Working is as follows:

- If the user is already registered, then the users have a login id and password to login the Social Media, otherwise the user should signup an account by submitting mandatory details they required.
- After Signup, the Admin of the system give approval of entering into the social media. The admin of the system have the right to approve or disapprove the newly registered user.
- The user have the privilege to publish their views and opinions as posts and comments in their Timeline. Other features like Search other users, Friend Suggestion, Chat with friends etc. are also included.

- In Rating System, the rating is calculated according to the No. of post published, polarity of words published in posts and comments and the rate score given by the user’s friends circle.
- After calculating the three score we are finally providing the Final Rating to the User.

The Block diagram of the proposed system is shown below as Fig 1.

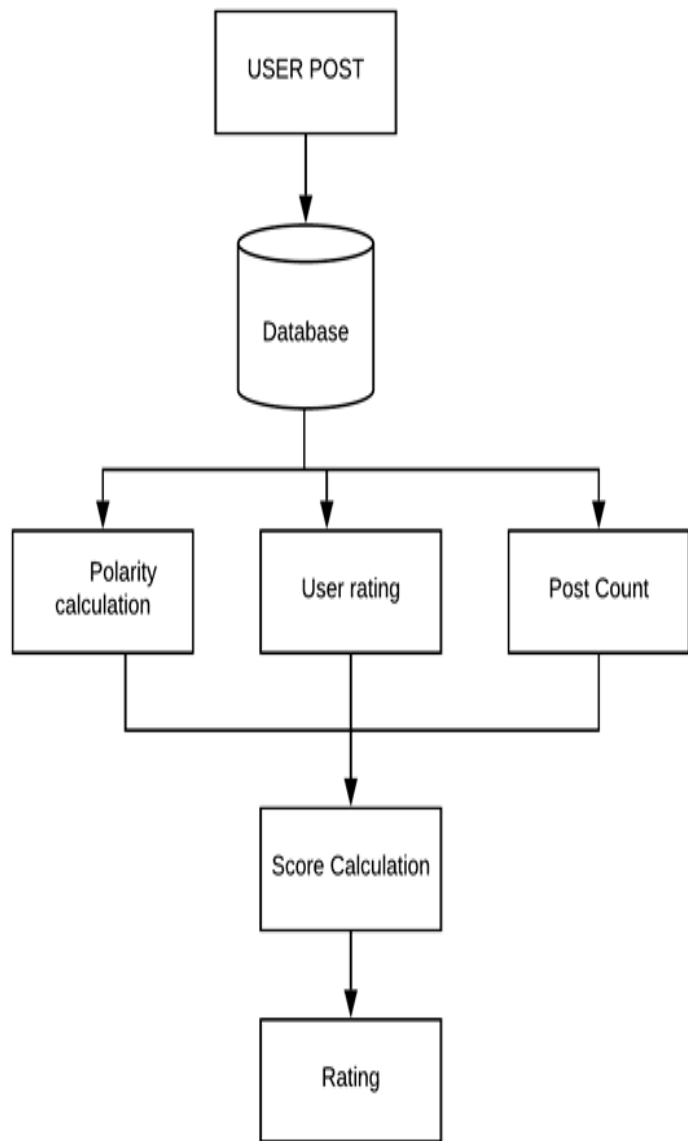


Fig 1:- Block Diagram

### III. METHODOLOGY

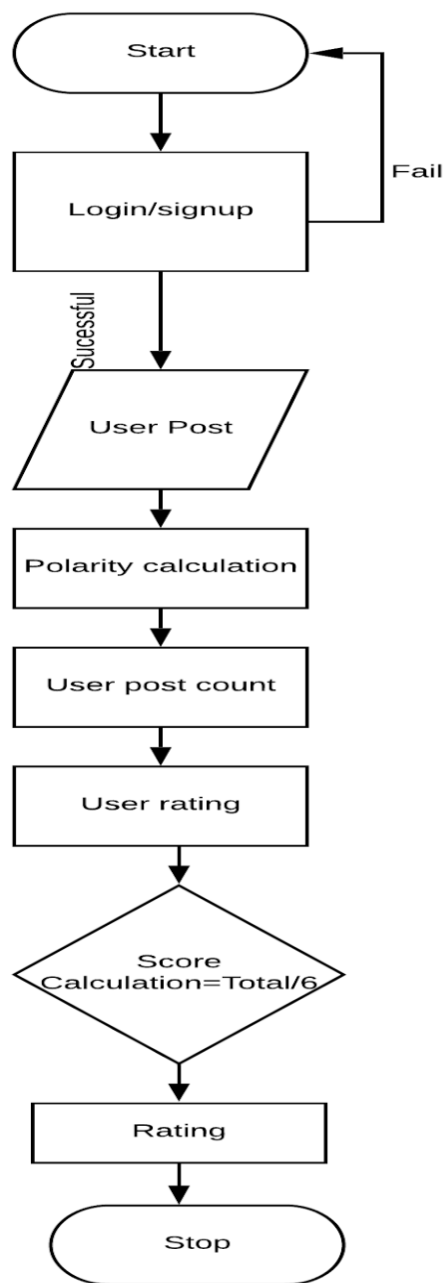


Fig 2: Flow Chart of the system

The activity diagram for the system is as follows ,Its working start from the Login screen as usual social media . If the login details are correct the user can access the user profile and data. Then the user can do the following things view posts, search friends in the search bar, they can add the friends, send messages to the users, rate the friends and they can access their profile also.

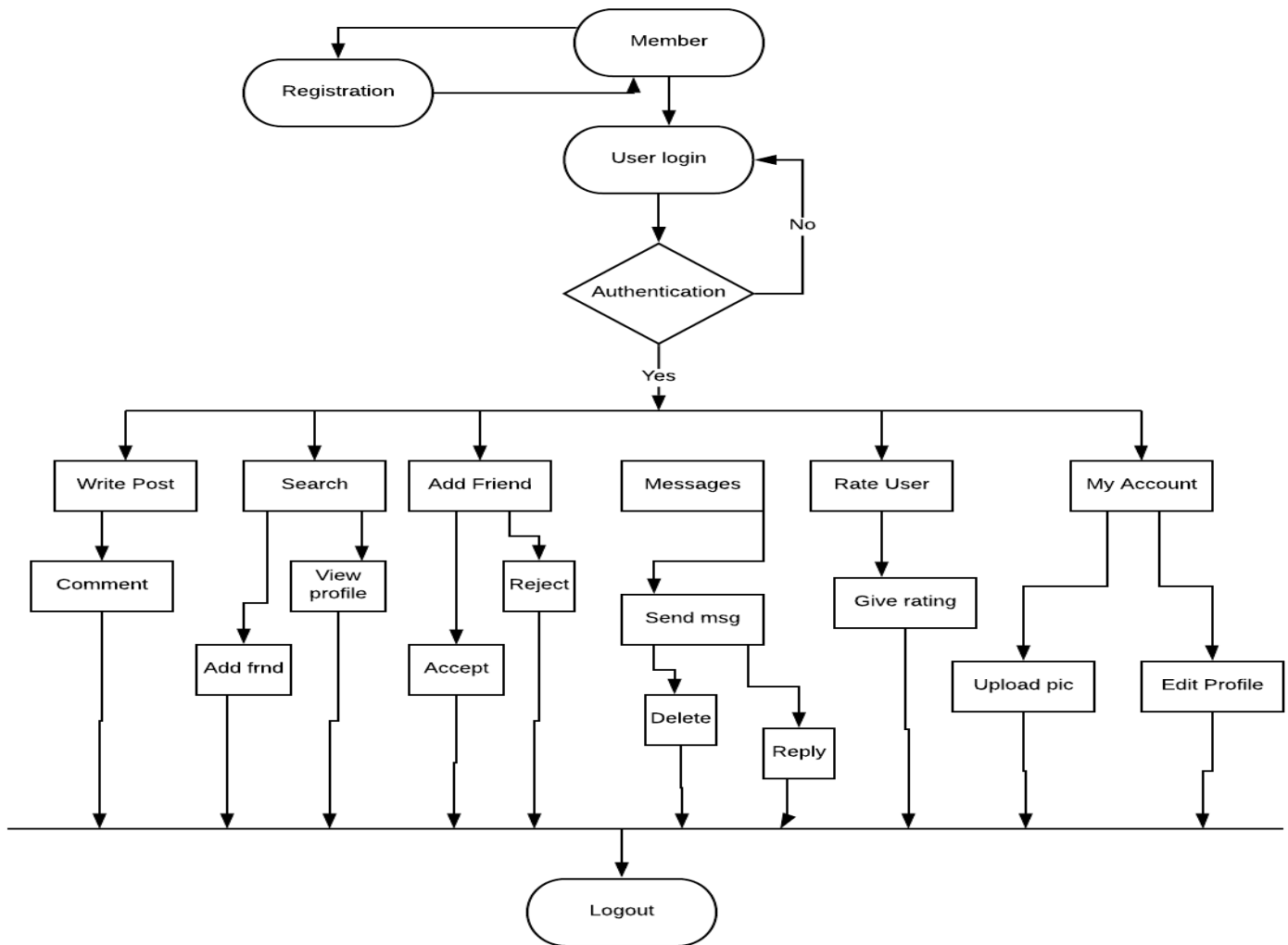


Fig 3

**IV. CONCLUSION**

In this work we proposed a new method to Rate users on the social media according to their post and comments and also other people’s rating to the user. Our system automatically detects the post or comment and analyse the polarity for the sentence according to our trained NLTK library. None of the existing social media have this feature. The application give more import to the rating in the social media, So this system gained the attention of people who are active in the social media’s. we believe that this system will be a motivation to the people to attain good character in Online platforms.

**FUTUREWORK**

We will add the subjectivity of the text so it will be an added advantage to the rating system we will train maximum no of data to our system for getting 100% accuracy for the system.

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