Filtering Of Abusive Messages Posted By User on OSN

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Abstract:In this paper we are going to discuss about filtering of unwanted messages like politically incorrect messages, abusive one, sexual words from being posted onto ones walls. Till now many papers have discussed the theoretical approach but here we are going to discuss how it is going to work practically

Keywords: Filtering , Unwanted Messages, Incorrect Messages, Practical approach

INTRODUCTION
On-line Social Networks (OSNs) are today one of the most popular interactive medium to communicate, share and disseminate a considerable amount of human life information.

Today OSNs provide very little support to prevent unwanted messages on user walls. For example, Facebook allows users to state who is allowed to insert messages in their walls (i.e., friends, friends of friends, or defined groups of friends).

EXISTING SYSTEM:
In today’s online social networking sites we have restrictions that who can post onto users walls like public that are allowing everyone to post onto their walls.

USER ROLE:
‐ User has registerd themseleves in the online social networking site by providing his/her details.
‐ In this process of registration it is necessary for them provide details in the mandatory fields like
  a) Name
  b) Gender
  c) DOB(Date of birth)
  d) Mobile
  e) Email Id
  f) Address
  g) UserID
  h) Password
  i) Selection Of profile Image
  j) Then Submit
‐ After Registration user can add his/her friends
‐ Once they are added user can comment to there friends messages
‐ There may be a situation when a friend may try to comment by using an abusive word that will be stopped by the Admin (he/she Admin filters and will not allow the person to post abusive content). How admin is stopping from posting abusive content and role played by admin

ADMIN ROLE:
‐ Admin will log into the OSN
‐ He or she will add list of words which they consider as abusive under the category of Violence, abusive, vulgar, offensive, sex abusive words
‐ If user tries to post any abusive words that matches list of abusive words that are added by admin in any of these categories that will be filtered that will not posted

In simple Commented abusive word Matches Admin list of abusive words it will not posted onto the user wall
‐ If user doesn’t consider it as abusive word then they may go for comment need in that they may give explanation like
  a) It is general term used between us
  b) This is not that big abusive word
  c) I don’t consider it as abusive word and many other explanation can be given the user
‐ It will be checked by the admin
User Role Explanation Of Proposed System Using Web Pages And How It Will Be Stored In Database

1) User should have his/her account in online social networking site through which they can sign

User Login contain UserID and Password

2) If the user doesn’t have account have they have to register by providing details in the mandatory fields

3) After registration the user details will be stored in database

4) Once user creates account he/she can add friends and comment

5) In the above screen shot Kill is an abusive word the following report will be generated since Kill is an abusive word and it is one of the word in Admin list of abusive words

6) If the user doesn’t consider it as an abusive word then they can request the admin through comment need by giving an appropriate explanation in comment need
7) THE EXPLANATION GIVEN BY USER WILL BE STORED IN THE DATABASE AND WILL BE CROSS CHECKED BY ADMIN

3) ADMIN CAN VIEW THE USER LIST AND ADD FILTER WORD THAT IS ABUSIVE WORD AND CHECK FILTER PERFORMANCE THAT IS HOW MANY TIMES USER HAS USED ABUSIVE WORD

Admin Role Explanation Of Proposed System Using Web Pages And How It Will Be Stored In Database

1) ADMIN WHO MANAGES CAN LOGIN WITH USER ID AND PASSWORD

2) ADMIN CAN LOGIN IN THE FOLLOWING WAY

4) WHEN ADMIN CHECKS THE USER LIST THAT IS THE PEOPLE WHO HAVE ACCOUNT THE USER LIST WILL BE AS FOLLOWS

5) ADMIN CAN ADD ABUSIVE WORD BY SELECTING THE CATEGORY
6) The abusive word will be added by Admin by typing the word in the particular (word field) and selecting the category.

7) The abusive words list added by the Admin will be stored in the database in the following way.

8) Admin can check the user list in the database in the following way.

9) Admin can check the filter performance that is how many times user has used abusive word.

Conclusion
The user’s unwanted message, the message will be blocked and display the results in the message creator wall. So, based on content based message filtering by Machine Learning and profile checking process it prevent unwanted messages in a social network.

Future Scope
In future work, we plan to address this problem by investigating the use of online learning paradigms able to include label feedbacks from users.

References