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## Automated Message Filtering System in Online Social Network

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### Abstract

In this generation, using online social network (OSN) is an unavoidable powerful weapon to exhibit peoples' views and ideas. The users depending upon their interests can select the persons who must post/comment messages in their wall. The present excavation in OSN user wall is "No filtering of abusive messages". That is the selected persons can post any sort of messages in their wall. So in this paper, we propose a filtered wall to permeate offensive messages using rule based and text classification techniques. We have evaluated the performance using metrics, from which it is shown that proposed method is better.

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### 1. INTRODUCTION

Social networking is basically a social interaction which relies upon personal relationships. It is a remarkable advancement on web which is highly needed for today's expeditious evolution. Social networking websites for instance Facebook, LinkedIn, and MySpace extends to us bountiful features. Let's discuss them below:

- Flashing idea of sharing images, videos, and files.
- Posting messages on friend's wall.
- Chat box that offers secrecy between two people.
- Conference chats with numerous people at a time.
- Following certain eminent persons or pages.
- Secure sharing of personal information with a definitive group of friends.