

# Unwanted Message Filtering on Social Network Sites User Wall

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**Abstract:** In the present day scenario online social networks (OSN) are very popular and one of the most interactive medium to share, communicate and exchange numerous types of information like text, image, audio, video etc. All these publicly shared information are explicitly viewed by connected people in the blog or networks and having an enormous social impact in human mind. Posting or commenting on particular public/private areas called wall, may include superfluous messages or sensitive data. Information filtering can therefore have a solid influence in online social networks and it can be used to give users the facility to organize the messages written on public areas by filtering out unwanted wordings. In this paper, we have proposed a system which may allow OSN users to have a direct control on posting or commenting on their walls with the help of information filtering. Whenever user posts a message it will be intercepted by the filtered wall, and applies Filtering and Black List Rules to the message. If it is not violated by filtering and black list rules, then the message will be displayed on user walls.

**Keywords:** Content Based Message Filtering, Demographic Filtering, Collaborative Filtering

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