

Research Proposal

Title : Customizing the Profile for online users of microblogging services

Social or Communal media platforms is a place of exchanging the thoughts or ideas of online users through text, image, audio, video, Gif etc and can share real-time interactive activities in a cost effective manner. In the existing system, extraction of contents or their types is not accurate due to inflexible rule sets. Some contents are furnished in a short text, or expressed using emotional symbols or pictures, which is more difficult to correlate with their semantics and thereby it is difficult to prevent the display of undesired data for the online virtual users.

Hence, the proposed system needs an architecture with enhanced and adaptive rules to overcome the inflexibility. Adaptation rule is introduced in real time applications by incorporating the blacklists to prevent undesired data for users. On receipt of any message to users, a classifier will extract metadata from the received content. C-filter (Content filter) uses metadata emitted by the classifier, enforces the filtering module to categorize the input data through Blacklist rules. An Information filtering system removes redundant, irrelevant or unwanted information using HCI enabled automated labels. As the result, the incoming data inputs will be either furnished or restricted by the approach of C-filter. Machine learning techniques were used to predict the data more accurately and avoid the unwanted data with the help of predefined policies. Hence a novel method will be formulated to prevent unwanted contents and will provide better customisation service to the virtual users.