

LITERATURE SURVEY

NEWS TRACKER APPLICATION

ABSTRACT : As our lives are busy these days, we often feel we need more than 24 hrs. a day to cope with everything we have in our schedule. Well, that is not possible but reducing the time by changing the conventional method of reading news can help. Just tell us what market news you are interested in and get a quick peek for the day. Only read what you feel is relevant and save your time. This app helps you to query all information about Indices, Commodities, Currencies, Future Rates, Bonds, etc.... as on official websites.

INTRODUCTION : In today's world people cannot go a day without technology and social sites. In the past few decades, people were familiar with the social News sites, but in recent years, the need for features has been increased to make the lives of people much simpler, better, and handy. The rapid progress in the mobile technology field has created a new zeal in the many new young minds of software engineers and developers. There have been many attempts made to develop a freeware and cross platform instant news service for smart phones. A pilot case study was carried out to trace the support of the features of news applications.

Survey:

1.Temporal Summaries of News Topics James Allan, Rahul Gupta, and Vikas Khandelwal 2001

Algorithm : The surprising result for usefulness is that a round robin ranking algorithm performs almost as well as useful². We believe that reflects the pyramid nature of news reporting: important, and therefore probably on topic, information is reported early in a story. Later material is more likely to be tangentially related to the topic, and so ranking it lower helps. Accuracy is 70%.

2. Topic Detection and Tracking James Allan 2002

Algorithm: TDT tasks, Story Segmentation, First Story Detection, Cluster Detection, Story Link Detection 73%.

3. Introduction to information retrieval Christopher D. Manning, Prabhakar Raghavan, and Hinrich Schutze 2008 In the context of Information Retrieval, link analysis focuses on "the analysis of hyperlinks and graph structure of the web" with the intention of facilitating web search. In particular, chapter 21 provides quite a comprehensive introduction to Google's PageRank algorithm accuracy 70%

4. Breaking News Detection and Tracking in Twitter Swit Phuvipadawat, Tsuyoshi Murata 2010 To ensure that messages in the groups are related to the first story and to allow further messages to develop upon previous messages we will compare a message with the first message in a group and the top k terms in that group. In this experiment we set k to 10. We then assign a message to a group if the score exceeds a pre-defined threshold called Merge Threshold. The results to this point are groups of messages or news stories. Accuracy is 78%.