News Tracker Application

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Introduction

News is one of the primary source of gaining information about the actions and events that happen all around. It may be an event that happened in the past, happening now or going to happen in the future. In the present days where there is a rapid increase in the development and adaptability of technologies throughout all the demographic of people, it is necessary to provide news in such a way that it is interconnected with the current technological trends.

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

Literature survey

Here, we will take a look at all the previous solutions, attempts and implementations tothe news tracker application or anything that is atleast vaguely related to it.

Existing Solutions

NewsBreak is a popular website to read ongoing and past news via the internet browsers. The website works by aggregating news from various sources and presents them in alikeable manner for the users to read it.

The website also offers the ability for users to sign up to the so said website and record their progress, manage profiles, no.of news read, bookmark news, commenting on news ends and so on.

S.No	Paper Title	Author(s)	Month /Year	Method/Implementation technique(s)	Resource Link
1	Exploring mobile news reading interactions for news app personalization	Marios Constantinide s, John Dowell, DavidJohson, Sylvain Malacria	August, 2015	1. Identification of news reader types 2. Interaction logging and classification study 3. Deployment and data collection 4. Predicting News reader types 5. Adaptive UI	(PDF) Exploring mobile news reading interactions for newsapp personalisation (researchgate.net)
2	Detection and Tracking in News Articles	Sagar Patel, Sanket Suthar, Sandip Patel,Neha Patel	March, 2015	1. Pre-processing 2. Tokenization 3. Stemming/L emmization 4. Vector Space Model 5. Topic tracking	(PDF) Topic Detection and Tracking in News Articles (researchgate.net)
3	Following the Fed with a News Tracker	Michael William McCracken	January, 2012	The paper is not a technical paper but is essentially a statistical paper on how should one conclude whether the data have comein stronger, weaker or as expected. Thisis based on the CitiGroup U.S Economic Surprise Index.	(PDF) Following theFed with a News Tracker (researchgate.net)

S.No	Title & Author	Proposed System
1.	Research on Topic Detection and Tracking forOnline News Texts	Topic tracking can help people to explore the process oftopic development from the huge and complex network texts information. By effectively organizing large-scale news documents, a method for the evolution of news topics over time is proposed in this paper to realize the tracking and evolution of topics in the news text set. First, the LDA (latent Dirichlet allocation) model is usedto extract topics from news texts and the Gibbs Sampling method is used to speculate parameters.Second, the improved single-pass algorithm is used to track news topics. Finally, the strength of the news topic and the content change of the topic in different time windows are analyzed.
2.	A Survey on Personalized News Recommendation Technology.	In the face of massive data on the Internet, users often "lost themselves". Personalized recommendation technology has made breakthroughs in areas such as e- commerce, advertising, audio and video recommendation in recent years. Therefore, it is the main task of the current news recommendation system to integrate the existing personalized recommendationtechnologies into the news recommendation, to studyhow to handle massive heterogeneous news data, to construct an optimal user preference model, and to improve the overall performance of the personalized news recommendation.