NEWS TRACKER APPLICATION

LITERATURE SURVEVY

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 save your time. This app helps you to query for all information about Indices, Commodities, Currencies, Future Rates, Bonds, etc.… as on official websites.

Literature Survevy:

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

S.NO	Paper title	Author(s)	Methods and Implementation
1.	Exploring mobile news reading interactions for news app personalisation	Marios Constantinides, John Dowell, David Johson, Sylvain Malacria	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
2.	Detection and Tracking in News Articles	Sagar Patel, Sanket Suthar, Sandip Patel, Neha Patel	1. Preprocessing 2. Tokenization 3. Stemming/Lemmization 4. Vector Space Model 5. Topic tracking

3.	Following the Fed with a News Tracker	Michael William McCracken	The paper is not a technical paper but is essentially a statistical paper on how should one conclude whether the data have come in stronger, weaker or as expected. This is based on the CitiGroup U.S Economic Surprise Index.
4.	An End-to-end Weaklysupervised News Aggregation	Xijin Tang, Xiaohui Huan	The framework combines Snorkelbased weaklysupervised classification, Latent Dirichlet Allocation (LDA) topic modeling, and topic signal detection model to classify and aggregate unlabeled news texts and ultimately generate visualized results containing news categories, news topics, and temporal topic relationships. This paper uses constructed knowledge thesaurus and the Snorkel method to weakly supervise the classification of unlabeled news with no manual tagging. Subsequently, we utilize LDA to generate the topics and obtain the signal