

NEWS TRACKER APPLICATION

Sl. No	TITLE	AUTHOR S	YEAR	TECHNIQUES	MERITS	DEMERITS
1	Design and Implementation of News Collecting and Filtering System Based on RSS	Zheng, R., & Zhang, Y.	2012	Using RSS to collect news with enhanced search system	System can automatically collect the latest news information from the subscribe site, then parsing and Storing the information into database.	Graphics and photos do not always appear .Posts are easily de-formatted or fully erased. RSS might make the process a bit unpleasant.
2	News Event Detection and Tracking Based on Stream of Online News	<u>Yajie Qi</u> <u>Li Zhou</u> <u>Huayou Si</u> <u>JianWan</u> <u>Ting Jin</u>	2017	Single-pass clustering algorithm for event detection and tracking	Extraction of news content on particular field by searching keywords.	In some cases it can't analyse the keyword brings original news or not
3	Deep News Event Ranker Based on User Relevant Query	Kong, X., Kong, Q., Mao, W., & Tang, S.	2018	Word embedding technology using Global vector of word representation	Top news will be ranked according to the user query	The model is trained on the co-occurrence matrix of words, which takes a lot of memory for storage
4	Exploring mobile news reading interactions for news app personalisation	Marios Constantinides, John Dowell, David Johson, Sylvain Malacria	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	The adaptive user interface changes according to the type of task you want to perform. This will increase the stability of the system.	The overall code of the website and the size of the app increases if the user interface is adaptive. There is a lot of code to be written for making the user interface adaptive

5	Detection and Tracking in News Articles	Sagar Patel, Sanket Suthar, Sandip Patel, Neha Patel	2015	1. Pre-processing 2. Tokenization 3. Stemming/Lemmatization 4. Vector Space Model 5. Topic tracking	Allows the computing for a continuous degree of similarities between queries and document	1. Suffers from synonym and polysemy 2. It theoretically assumes that terms are statistically independent.
6	Following the Fed with a News Tracker	Michael William McCracken	2012	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 Citi Group U.S Economic Surprise Index.	Tracks whether a core set of economic data series has been coming in under expectations, at expectations, or over expectations	, the surprise indexes tend to have the right sign and be significant: a positive change in the U.S. surprise index (i.e. the U.S. economy doing better than expected) appreciates the U.S. dollar versus the foreign currency, whereas a positive change in the foreign surprise index depreciated the U.S. dollar.

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