**NEWS TRACKER APPLICATION**

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| **Sl.**  **No** | **Title** | **Authors** | **Year** | **Technique** | **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** | Yajie Qi  Li Zhou  Huayou Si  JianWan  Ting Jin | 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 Constantinide s, 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/Lemmizat-ion 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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