News Tracker Application
- Literature Review

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Abstract:

Tracking news gives important information to end users to keep track of latest facts and information. Specific users need specific news for their needs like economic news for business people, weather news for fisherman, etc. So, it becomes necessary to track specific news for the intended user. As news is increasingly accessed on smartphones and tablets, the need for personalizing news app interactions is apparent. So, our aim is to build a news tracker application where users can able to track specific news for their needs along with various additional functionalities.

Literature survey:

S.No	TOPIC	AUTHOR	YEAR	METHODOLOGY	ACCURACY
1	Learning approaches for detecting and tracking news events	Y. Yang, J.G. Carbonell, R.D Brown, T. Peirce, B.T. Archibald	1999	The authors extend existing supervised-learning and unsupervised-clustering algorithms to allow document classification based on the information content and temporal aspects of news events. They've adapted several IR and machine learning techniques for effective event detection and tracking. The article discusses our research using manually segmenteddocuments.	60%
2	Breakin gNews Detection and Trackingin Twitter	Swit Phuvioada wat, Tsuyoshi Murata	2010	Twitter has been used as one of the communication channels for spreading breaking news. We propose a method to collect, group, rank and track breaking news in Twitter. Since short length messages make similarity comparison difficult, we boost scores on proper nouns to improve the grouping results. Each group is ranked based on popularity and reliability factors.	78%
3	Tracking News stories	Yun Zhai, Mubarak	2005	In this paper, we propose a concept tracking method,	80%

		Shah		which links news stories on the same topic across multiple sources. The semantic linkage betweenthe news stories is	
	across differen t sources			reflected in combination of both of their visual contentand their spoken languagecontent. Visually, each news story is represented by a set of key-frames with or without detected faces. The facial key-frames are linked based on the analysis of the extended facial regions, and the	
				non-facial key-frames are correlated using the global Affine matching.	
4	Opinion Extraction, Summarizat ion and Tracking inNews	Lun Wei Ku, Yu Ting Liang, Hsin hsi Chen	2003	In this paper, both news and web blog articles are investigated. TREC, NTCIR and articles collected from web blogs serve as the information sources for opinion extraction.	85%
				Documents related to the issue of animal cloning areselected as the experimental materials.	
				Algorithms for opinion extraction at word, sentence and document level are proposed. The issue of relevant sentence selection is discussed, andthen topical and opinionated information are summarized. Opinion summarizations are visualized by	
				representative sentences.	
5	News Classificat io n based ontheir Headlines	Mazhar Iqbal Rana	2014	Focus on full text classification i.e. full news, huge documents, long length texts etc. is more prominent as compared to the short length text. In thispaper Existing classifiers and their working methodologies are being compared and	76%
				results are presented effectively.	