LITERATURE SURVEY ON "NEWS TRACKER APPLICATION"

TEAM ID: PHT2022TMID32793

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INTRODUCTION		SURVEY/BODY OF REVIEW			CRITICAL ANALYSIS ON PAPER	
Year	**Title**	**Problem Definitions**	**Methodology**	**Input Parameter**	**Results**	**Future Scope**
John Dowell August 2015 DOI: 10.1145/2785830.2785860	Exploring mobile news reading interactions for news app personalization	To study the differential benefit of the adaptation for different users of the news app and the feasibility of adaptive interfaces for news apps.	**Implementation** (1)The author surveyed user's reading preferences and behaviors. Implementing android news app that logs users interactions with app. **Algorithm Used** (1)A comparison questionnaire was used to measure their subjective preferences between the two interfaces. (Using a scale ranging from "Mostly A-interface" to "Mostly B-adaptive",) **Tools used** (1)Justinmind 4 to develop the interactive wireframes deployed them on Samsung Galaxy S3 (4,8-inch screen, 1280x720 resolution).	(1)The aut(hors have used the database, by getting details from user. (2)The logged interaction data was used to identify each participant's news reader type using a naïve Bayes classifier. (3)Easy access to articles of category (jump-to) . (4)Five significant clustering factors - identified frequency; daily reading time; browsing strategy; reading style, and; location is used for labelling three news reader types as 'Trackers', 'Reviewers' and 'Dippers'. .	**Advantages** (1)News readers can be characterized in three types. (2)user's news reader type from analysis of their interactions with app is detected. (3)Different reader types benefit from different forms of news app interface . Disadvantages (1) They have labeled based on the frequency of news reading, their duration, browsing strategy, reading style and location only.	The future work is to explore the design of adaptive interfaces, in order to be able to demonstrate a complete adaptive mobile news framework providing automatic personalisation of news apps.

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Srividhya Raghavan V, Smrithi J, ISSN 0973-4562 Volume 13, Number 11 (2018) pp. 9310-9315	Android News App	In this paper, the main goal is to connect news articles from all around the world and deliver it to user as fast as possible in best visualize way.	**Implementation** (1)The Author proposed as about the user interface (UI), API, Admin panel. **Algorithm Used** Sign up→manage login & database→login & logout→create or updating news→view &search news→add to favorites & sharing news→modify or delete news **Tools used** (1) User Interface (2) API (3) Admin Panel	**Global Support:** Different type of newspaper will be available from all around the world in different languages with this user will be able to get news from all around the world. **Search Option:** User will be able to search from not only one source but many different sources available within API. **Favorite / Offline Reading:** News can be added as favorite which will automatically will be saved for offline reading. **Sharing:** User will be able to share news easily on social media.	Advantages (1) Location feature with automation can be implemented. (2) Offline Reading can be improved will more efficient way on full articles. Disadvantages (1) Data quality check needed. (2) If API cannot reach to certain article source it gives null value which can cause problem in JSON parsing.	(1) To expand the sources old fashioned Admin panel can be used where writers will fill the gap of API. (2) shadow to create a responsive, attractive and easy user interface. With the use of different libraries and material design. it is possible to use attractive UI (User interface)

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Yiming Yang , T. Pierce, and J. Carbonell ,D.Beeferman ,August 1999	Learning approaches for Detecting and Tracking News Events	Before exploring the solution space, let's observe the properties of events in news sto ries, which will shed light on what makes event detection and tracking a challenge to traditional IR and machine-learning technology	**Implementation** (1) The TDTI corpus, developed by the re searchers in the TDT Pilot Research Project, is the first benchmark evaluation corpus for TDT research **Algorithm Used** (1)We implemented two clus- tering methods: GAC, a divide-and-conquer version of a group-average clustering algo- rithm,3 and INCR, a single-pass incremental clustering algorithm. GAC performs agglom- erative clustering, producing hierarchically organized document clusters. **Tools used** (1)IR machine learning technology (2)TDTI corps	(1)Treat cach document in the input col lection as a singleton cluster, and set the initial partition to be the full set of the singleton clusters. (2)Divide the current partition into nonover lapping and consecutive buckets of size m (a user-specified parameter). (3) Repeat Steps 2 to 4, until the partition is no larger than m or stops decreasing because of the minimum similarity constraint. (4) Apply GAC to each bucket, which re peatedly combines the two closest lower-level clusters into a higher-level cluster.	**Advantages:** (1) Location feature with automation can be implemented. (2) Offline Reading can be improved will more efficient way on full articles. **Disadvantages:** (1) If API cannot reach to certain article source it gives null value which can cause problem in JSON parsing.	(1) To expand the sources old fashioned Admin panel can be used where writers will fill the gap of API. (2) shadow to create a responsive, attractive and easy user interface. With the use of different libraries and material design. it is possible to use attractive UI (User interface)

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F. Jurado , O. Delgado , JUNE 2020	Tracking News stories using blockchain to guarantee their traceability and information analysis	To study the use of block chain to facilitate the tracking and traceability of news and extraction of relevant information from newspaper articles to facilitate the monitoring of the news	**Implementation** (1)The author proposed as about the Block chain, Smart Contract, Traceability, News Stories and Journalistic Transparency **Algorithm Used** (1)Newsroom Transparency Tracker that helps to determine the trustworthy of a news, by displaying the kind of public information. **Tools used** (1)CMS (API RESET/Poiling) (2)Management module (3)Smart contract (4)Block chain (Ethereum) (5)NSD(News store database)	1) To determine a way to address the issues of fake news. 2) block chain to guarantee the principle of transparency that enables the tracking and tracing of new stories. 3) smart contact could be improved to support several content management systems simultaneously so that news from several agencies	Advantages: (1)it helps you find everything that's relevant to you on social media . (2)It gives you a deeperunderstanding of the news (3)simultaneously collecting different types of data. (4)Information reliable criteria: Currency, Relevance, Authority, Accuracy, Purpose. **Disadvantages:** (1) Sometimes application contain virus. Ada are displayed with most of the free application either on the top or bottom of the screen	The future work is to explore the design of adaptive interfaces, in order to be able to demonstrate a complete adaptive mobile news framework providing automatic personalization of news apps.

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