

# NEWS TRACKER APPLICATION

## INTRODUCTION

As people these days have a hectic lifestyle, often feels that they need more than 24hrs to cope up with everything that have been scheduled. Reading news through news tracker app would be so much beneficial and time efficient. News Tracker is a state-of-the-art internet service which tracks the news as it develops, and allows users to receive that news on any web device.

The three major benefits are being able to receive news from any device anywhere, have access to the best sources for the news and receive an easy to use interface.

The disadvantage of a news tracker are that you have to answer the users, change the status of the issue, and sometimes admit that the issue will probably never be fixed for whatever reason.

## LITERATURE SURVEY:

### 1. Personalized News Recommendation using Classified Keywords to Capture User Preference

Recommender systems are becoming an essential part of smart services. When building a news recommender system, we should consider special features different from other recommender systems. Hot news topics are changing every moment, thus it is important to recommend right news at the right time. This paper aims to propose a new model, based on deep neural network, to analyse user preference for news recommender system. The model extracts interest keywords to characterize the user preference from the set of news articles read by that particular user in the past. The model utilizes characterizing features for news recommendation, and applies those to the keyword classification for user preference. For the keyword classification, we use deep neural network for online preference analysis, because adaptive learning is necessary to track changes of hot topics sensitively.

**ADVANTAGE:** Recommender systems are becoming an essential part of many mobile and web applications for smartphones and tablets. They generally aim to provide in-time, contextaware, personalized information services in order to increase product sales and user satisfaction.

**DISADVANTAGE:** The proposed model has supplemented chronic disadvantages of neural network model in learning and modelling, while having more accurate classification results.

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## 2. Trends In Data Journalism

Data journalism is finding its way into newsrooms. Data journalism has become an integral part of several news organisations' online strategies. They see data journalism as a part of a transition that's moving them from being a news-and-information site toward a more interactive news-and-information platform. In their new role, news organisations want to provide their readers with ways to interact with the content, and refine it further, and data journalism provides an opportunity for this.

Journalists see data journalism as a way to find hidden stories—stories that wouldn't otherwise get told. News organisations hope to serve public interest better with data journalism and, thus, have a positive impact on society. Furthermore, data journalism is perceived as a way to increase transparency in journalistic processes. This transparency potentially increases trust in journalism and the media, given that the sources of information in stories are open for anybody to access.

Data journalism adds new requirements to the journalist's profession. Now these individuals need skills for data analysis, web development and community management. However, the most important factor for successful data journalism is a journalistic sense of what is relevant and interesting, and of what questions need to be asked.

**ADVANTAGE:** According to the interviews conducted for this study, data journalism is perceived to be a tool for producing better journalism with the help of statistical methods, visualisation and interactive means of presenting information

**DISADVANTAGE:** News organisations are looking for sustainable ways to support data journalism, but viable business models have yet to be discovered. News organisations have visions of becoming number-one data stores and of adding the provision of data analysis to their oeuvre of paid service offerings. The most likely future scenario will see news organisations existing in a state of symbiosis with other data service providers, booming in the new ecosystem evolving around this area.

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## **2. A System for Customized News Delivery from Video Archives**

Video is a powerful medium for disseminating news as information. Like any other information, techniques are required to help search and locate interesting video content. In this paper we consider the construction of a system to automatically assemble an individualized news video when a sufficient volume of video is available for composition. We propose a vocabulary and representation for composition of news video. A model is presented that is used to store metadata and customize newscasts. The model facilitates representation of information clustering, object stratification, concept hierarchy, temporal ordering, and news 'tours.' The proposed customized news delivery system attempts to achieve a level of composition found in existing television news delivery.

**ADVANTAGE:** In this paper they have defined concepts and techniques which help in information filtering, retrieval, and automatic composition of a news video. They have proposed a complete system for news information retrieval. This involves formulating the concepts on which information retrieval and composition is based.

**DISADVANTAGE:** The current system does not identify segments automatically. However, we are actively pursuing this goal. To achieve this, it is require annotation of collected/ digitized news video. For this purpose they have a facility to digitize analog video data as MPEG in real-time.

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