

# NEWS TRACKER APPLICATION

## LITERATURE SURVEY

# **1. Android News App**

**Author:** Brijesh Joshi , Nehal Patel

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As world's technology is rapidly growing we has fast connection and network to instantly connect to other person. Day to day use in mobile, tablets and laptop is increasing, most of the people already have this facilities. In this fast and information oriented world we need to stay updated with every incidents and news too. This News app is android mobile application where user have access to latest news from 120+ newspapers from 50+ countries. The main focus of this application is to connect news articles from all around the world and deliver it to user as fast as possible in best visualize way

## **2. Exploring mobile news reading interactions for news app personalization**

**Author:** Marios Constantinides , Dowel

**Journal:** International Journal of Applied Engineering Research ISSN 0973-4562  
Volume 13, Number 11

**Published Year:** August 2015

As news is increasingly accessed on smartphones and tablets, the need for personalising news app interactions is apparent. We report a series of three studies addressing key issues in the development of adaptive news app interfaces. We first surveyed users' news reading preferences and behaviours; analysis revealed three primary types of reader. We then implemented and deployed an Android news app that logs users' interactions with the app. We used the logs to train a classifier and showed that it is able to reliably recognise a user according to their reader type. Finally we evaluated alternative, adaptive user interfaces for each reader type. The evaluation demonstrates the differential benefit of the adaptation for different users of the news app and the feasibility of adaptive interfaces for news apps.

### **3. Topic Detection and Tracking in News Article**

**Author:** Sagar Patel, Sandip Patel, Sanket Suthar

**Journal:** DOI:10.1007/978-3-319-63645-0\_48

**Published Year:** March 2017

They have presented an idea in this paper for detecting and tracking topics from news articles. Topic detection and tracking are used in text mining process. From data which are unstructured in text mining we extract previously unknown and useful information. The main purpose of this paper is to identify and follow tasks occurred in different news sources. We are going to use agglomeration clustering based on average linkage for detecting the topics, calculate the similarity of topics using cosine similarity and KNN classifier for tracking the topics.

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