

# **News Tracker Application**

## **- Literature Survey**

### **Team Members :**

1. Karthick R ( 2019105544)
2. Rafiq Azharudheen M A (2019105559)
3. Suriya A ( 2019105589)
4. Dhiyanesh K V (2019105524)

# **1 .An Improved Method for Multi-Lingual News Feed Application**

**Authors :** Regonda Nagaraju, Mohammed Farhan Pasha, Mohammed Abdul Majeed, AdapaSujith

**Published :** *International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-1, October 2019.*

## **Abstract :**

In the present era, the internet and new technologies are changing the information behavior of news reader .Instead of reading a copy of the local newspaper or watching the scheduled evening news, people increasingly turn to the internet for daily news updates. A Multi-Lingual news feed application is aimed at developing a web based application named multilingual news feed app. This Application deals with the user who wants to read news from the web application. User can select different countries in which a user is interested, the latest news will be fetched from the selected country. The news will be fetched and displayed based on the country selected in its own national language & the news is categorized into 7 different categories. A

user can select any category which they are looking for. When you are done selecting the country & category, then the page will automatically refresh and the news will be displayed on Multi- Lingual news feed application. This application also supports translation and the news can be translated into any language.

This application is fully responsive and has a good-looking user interface. The users will find this application much interesting for reading the news articles.

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

Authors : *Marios Constantinides, John Dowell, David Johnson, Sylvain Malacria*

Published : Conference Paper · August 2015

### **Abstract :**

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 Articles**

*Authors : Sagar Patel, Sanket Suthar, Sandip Patel, Nehal Patel and Arpita Patel Chandubhai S*

Published : Conference Paper in Smart Innovation · March 2017.

#### **Abstract :**

We 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 agglomerative clustering based on average linkage for detecting the topics, calculate the similarity of topics using cosine similarity and KNN classifier for tracking the topics.