

News Tracker Application

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Abstract

In today's busy world, we often feel that we need more time than 24 hours. There are not enough hours in a day to keep up with everything we have on our schedule. Unfortunately, that's not possible, however, changing the conventional method of reading the news can help reduce the amount of time spent on reading. Get a quick peek at the day's market news by just telling us what you're curious about. Keep your reading time to a minimum by only reading what you feel is relevant. You can access all information regarding Indices, Commodities, Currencies, Future Rates, Bonds, etc as found on official websites.

INTRODUCTION

A simple application structure is provided by Android, and it requires some knowledge of Java and Mark-up languages. The discrete movement would deliver a single screen for the user interface, and the whole service would complete the work. Modules can be developed separately and then combined at the end, and future modules can be easily added.

Application Programming Interfaces (APIs) enable applications to interact with each other. It provides automation, immediacy, adaption, and personalization. **News API** provides us the source of news articles from many different sources in one place and updates it.

In 2014, a design language has been created by google named Material Design which is based on “cards” and uses grind-based layouts, responsive animation, padding, and depth effects like a shadow to create a responsive, attractive, and easy user interface. With the use of different libraries and material design, it is possible to use an attractive UI.

RELATED WORK

The cost and maintenance of native news apps are high. Native Publishers like BBC News or NY Times use their own writers to manage articles and manage them. Many native newspapers are divided because of this which causes in lack of resources from one side. The android structure provides great capability with frameworks, libraries, and APIs, with the help of it we can provide a better user experience and combine these sources in one place while maintaining the integrity of its owner.

In the related app, they will be using this API for our better experience. Even after using this API, it is possible that they can't reach the maximum output of resources for that they use the Admin panel where admin or writers add news of their own, manage and delete it. This content will have a separate database and access bar which will be labeled as “local news”. A module can be implemented where the user will have different local news based on his/her location.

SYSTEM MODEL

Use Case Diagram:

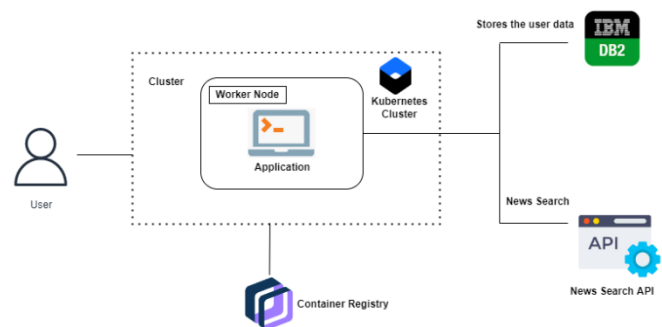


Figure 1: Use Case Diagram

Use Case Diagrams referred to as behavior diagrams which describe the commutation between actors or participations and a set of actions. This set of actions or use cases will be enclosed by system boundaries and can also have a relation with each other. Division among tupelos will be based on the information gain computed for each attribute.

TITLE	AUTHORS	PROPOSED IDEA	DRAWBACKS
Exploring mobile news reading interactions for news app personalisation	Marios Constantinides, John Dowell, David Johnson, Sylvain Malacria1	They explored the feasibility of recognizing patterns of news reading interactions and evaluated three adaptive interface designs for different news reader types. they show that from their interaction log, a specific user can be recognized as one of three kinds. A study of three variant interfaces suggests different types of news readers require different user interfaces. The evaluation of the three variant interfaces suggests that different news reader types need different user interfaces. We have demonstrated a method for monitoring users' news reading behavior and inferring news reader type from it.	Only a limited number of news can be read. Time limit is there.
Effects of Online News Applications for Android – A Critical Analysis	Bharat Dhiman, Amarjeet	The most important conclusion of this study is the fact that News application users want current updates and entertainment news. Most users believe that the applications are free of cost. They download and enjoy the free services. Some health issues and negative impacts are there, but some positive impacts are also there in the user's life. Some are using these apps because of infotainment. The overall conclusion of the study is android news applications are both good and bad for the users.	Only theoretical analysis have been done. No implementation
Curate: A news app for the millennial news consumers	Chirag Yadav, Ayushi Verma, Abhishek Singh, Dr. Manish Bhardwaj	In this, we developed an interactive news application that operates with smooth switching among categories, countries, etc. This news application basically extracts news articles from different platforms into a single place. Offline reading can be introduced in the app as it will help the user to access the articles without the internet and during low connectivity. A favorite option will be added to save the articles for future needs. The Opinion section will enable the user to add their opinions under the articles. More personalization options will be added to the interface which the user can access as per the need.	There is no option to sort the news as per their preferences.
A review and model of journalism in an age of mobile media	Oscar Westlund	Nowadays, mobile news publishing involves multiple means of distribution, from customized news alerts by SMS or MMS to mobile news sites and convergent mobile news applications. Many contemporary legacy news media strive towards omnipresent news publishing by mobilizing for cross-media news work. News for pagers was first published by some legacy news media in the late 1990s. Only a few years ago, things were very different.	The problems are only addressed but the solution has not been provided.
The Innovative Application for News Management System	Dr.C.K.Gomathy, Dr.V.Geetha, Peddireddy Abhiram	An attempt has been made to develop news or information-based website. This project helps the people and makes them aware of any news so they can stay informed. This website was developed using a variety of methodologies. The system is developed with an inside into the necessary modification that may be required in the future.	There is no specified features for reading news feed.

Conclusion:

In this busy world, people face difficulties to read daily news. The number of hours in a day is not enough to complete everything we have to do. To make people know daily news updates based on their interest this app would provide a daily news which would save their time and give a quick look into the news. Just tell us what you're curious about, and we'll give you a quick rundown of the day's market news. By only reading relevant articles, you will be able to reduce your reading time.

References

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