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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**



“News Aggregator”

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**NEWS AGGREGATOR**

**ABSTRACT:**

As world’s technology is rapidly growing we have fast connection and network to instantly connect to another 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.

**PURPOSE:**

Mobile news app enables users to read and watch location-based news. As many people don’t have much time to read every news article in detail, the users can easily browse just the headlines to stay updated on happenings around the world.

**EXISTING SYSTEM:**

Native news apps are expensive and difficult to maintain. Native Publishers like BBC News or NY Times uses their own writers to manage articles and manage it. Many native newspaper are divided because of this which causes in lack of resources from one side.

**PROPOSED SYSTEM:**

Android structure provides great capability with frameworks, libraries and APIs, with the help of it we can provide better user experience and combine this sources at one place while maintaining integrity. API (Application Programming Interface) which is an intermediate interface between different applications. It provides automation, immediacy, adaption and personalization. News API provides us the source of news articles from many different sources at one place and updates it. Newsapi provides API that returns JSON (JavaScript Object Notation) metadata for headlines and articles live all around the world at any time.

The proposed system has the following requirements:

* System needs store information about new entry of news.
* System needs to maintain quantity of records.
* System needs to keep the record of latest news.

**ADVANTAGES:**

* It provides better user experience.
* It provides regularly updated news.
* It provides strong communication through push notifications.

**SYSTEM REQUIREMENTS:**

* RAM : 4 GB
* Hard disk : 250GB and above
* Processor : Pentium dual core

**SOFTWARE REQUIREMENTS:**

* Operating System
* Java Software Development Kit (JDK)
* Eclipse
* Android Studio
* Gradle