

Literature Survey

News Tracker Application

ABSTRACT

The world is moving at a fast pace and people do not usually find the time to read a newspaper or go through the news every day. A survey shows that a huge amount of time is spent commuting to workplaces and educational institutions. To convert that time into a productive one, we have developed an application that can work hands-free. This is a news application that works on web browsers both on mobile as well as desktop computers. The aim is to create an app that fetches news across various sources all around the world and displays it in an organized manner with a clean User Interface along with some hands free voice assistant features.

I. INTRODUCTION

In this app category, the app cover the happenings around the regional, national or international arena. This category of news app is quite popular among users as it allows them to be aware of the world's news whenever they want. However, it is integral to present news content that the interesting and grabs attention instantly. Apart from the important news concerning politics, crime, business, sports and entertainment, and weather, users can also be informed regarding the upcoming events & exhibitions across various cities. The app can be accessed free of cost or paid, as decided by the app owners.

II. LITERATURE REVIEW

According to our recent research we found out that there are various news web applications that are restricted for single language and also they all provide news from a single source. Examples are BBC,

CNN or other local news channels like Sun news, TV9 Telugu etc. provide news in their regional languages or by default English language. These articles cannot be read by users of other countries. As per Internet World Stats fig 1, there is a huge ratio of people accessing the internet in other languages which increases the need for content to be available in different languages.

| Rank ↕ | Language ↕ | Internet users ↕ | Percentage ↕ |
|--------|------------------------|------------------|--------------|
| 1 | English | 1,105,919,154 | 25.2% |
| 2 | Chinese | 863,230,794 | 19.3% |
| 3 | Spanish | 344,448,932 | 7.9% |
| 4 | Arabic | 226,595,470 | 5.2% |
| 5 | Portuguese | 171,583,004 | 3.9% |
| 6 | Indonesian / Malaysian | 169,685,798 | 3.9% |
| 7 | French | 144,695,288 | 3.3% |
| 8 | Japanese | 118,626,672 | 2.7% |
| 9 | Russian | 109,552,842 | 2.5% |
| 10 | German | 92,304,792 | 2.1% |
| 1-10 | Top 10 languages | 3,346,642,747 | 76.3% |
| - | Others | 1,039,842,794 | 23.7% |
| Total | | 4,386,485,541 | 100% |

Figure 1 - InternetWorldStats estimates of the number of Internet users by language as of April 30, 2019

III. EXISTING SYSTEM

Most of the people get the information about the world news through the internet, which is fast accessible and reliable .People have no time to be updated through Newspaper or watching news in the television, so different web applications have introduced to provide news across the world. English is a global language the most commonly spoken language in the world – used in every sector from business

to social media, from sciences to the arts, from sports to international trades.

Disadvantages

- These applications Fetch the news from single source
- Few applications publish articles only from one particular country & the language supported is only English.
- Foreigners who have difficulty reading English or who cannot understand English will not be aware of the current situations in the local country or around the world.
- It is difficult for the users to find required news updates in different languages from different sources in a single web application

IV. PROPOSED SYSTEM

This project is aimed at developing a web based application named multilingual news feed app. This project deals with the user who wants to read news from the web application. Here user can select the categories of news they are looking to read. User can select different countries in which a user is interested, the latest news will be fetched from the selected country. There are more than 50+ countries in this application & breaking news headlines from 134 of the most notable sources from all over the world. 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, but the users may find difficulty while reading the news in different languages, so a Translator is added to the web application. Now a user can also translate the article without any discomfort & tension. The article can be translated into more than 90+ national & International languages. 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.

V. DESIGN

In our project we design our news tracker application using the Flash app development platform using the python programming language with IBM Cloud Service provide the database or storage as a service for our application development.

VI. CONCLUSION

In future a database will be added to the application which will store the user information and stats can be known easily by adding a small counter. Only Admin can see the count about the number of users who accessed our application. Pagination can also be added to our application which will load the news in different pages. The application that is developed is a simple and user friendly. By using advanced CSS styles and different front-end technologies interface of the application can be developed more according to user requirements.

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