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Quick Read news Application

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ABSTRACT :

If you want to stay up to date with the most recent news and events in the world, Quick Reads is a must-have Android app. This app makes sure you're always informed with its user-friendly interface and updated content.

Delivering brief news flashes is Quick Reads' main goal in order to keep users informed without requiring them to spend excessive amounts of time scrolling or searching. It provides timely, pertinent, and succinct news updates to meet the demands of today's fast-paced users. Quick Reads makes sure that the news you require is always accessible, whether you're catching up, taking a break, or commuting.

Keywords: Quick News, Updated content, Andriod application, Seamless, user friendly interface.

INTRODUCTION :

A cutting-edge smartphone app called Quick Reads - Your Smart Android News Companion was created to transform how people consume news in the fast-paced digital world of today. Quick Reads guarantees that users stay informed with the least amount of time and effort possible by concentrating on providing concise, pertinent, and real-time news updates. The app cuts through the clutter of traditional media platforms by providing only useful news.

Quick Reads is more than just a news reader; it also offers offline reading options, personalized content feeds, and real-time flash updates, all of which contribute to a smooth and effective news consumption experience. It serves users who are time-constrained but still wish to stay up to date on business, entertainment, technology, world events, and more.

The motivation behind the Quick Reads project was to address growing demand for fast and reliable news in a fast world. With today's high amount of available information, people simply can't keep up to date without investing so much time. Quick Reads provides concise real-time news flashes that allow its users to stay updated with a quick glance through their mobile devices

PROBLEM STATEMENT:

Low retention levels are caused by the fact that many users download reading apps only to abandon them quickly. Many users have trouble finding content; they are typically irritated when they come across content that doesn't interest them. Additionally, users would want to read more quickly without losing comprehension, which suggests that useful tools are needed. Accessibility presents another difficulty, particularly for users with disabilities, for whom the app may need to provide inclusive features. Last but not least, users who are too busy to read need features that allow reading to fit easily into their already packed schedule.

Brief description:

The Quick Reads allow the user to to be updated with the latest news with easy with a single click of the button. It also allows the news channel to upload the news The admin verifies each and every news Uploaded. The user can share the news.

LITERATURE SURVEY :

1. **Sunidhi Sharma, Dilip Kumar Sharma, " Fake News Detection: A long way to go " (2019)***

This paper by Sunidhi Sharma, Dilip Kumar Sharma (2019) Social media has created the possibility of making everyone, inherently and programmatically, a potential journalist, thus increasing the incidence of fake news. Researchers are developing ways to detect misinformation, using various datasets for rumors and stances. Some of the progress it made comes with some limitations: accuracy and scalability in detecting fake news.

2.   **Sara Capecchi , Antonio Lieto , Federica Patti , Ruggero G. Pensa , Amon Rapp" A Gamified Platform to Support Educational Activities About Fake News in Social Media " (2024)**

In their 2024 paper, Sara Capecchi and colleagues tell us it is an online gaming platform that has been designed as a tool to promote teaching about fake news among students. The game uses a social media simulation and fake browser to teach rhetorical fallacies in articles, while it was tested in Italian schools with promising usability and engagement results with some limitations identified. Plans are underway to make the site more developed and accessible to all schools in Italy, free of charge, and future collaborations for different localized versions in other languages.

3.   **Pawan Kumar Verma, Member, IEEE, Prateek Agrawal , Ivone Amorim, and Radu Prodan , " WELFake: Word Embedding Over Linguistic Features for Fake News Detection" (2021)**

Pawan Kumar Verma and colleagues, ntroducing WELFake, a new model that is used in a dataset of more than 72,000 articles from four sources to reduce bias. It analyzes 80 features of language and selects only 20 significant ones for better accuracy and reduced complexity computationally. Two methods, TF-IDF and CV, applied to features using six machine learning models outperformed the results with better performance when using CV compared to TF-IDF. The features were 20 were categorized into writing pattern, readability, psycho-linguistics, and quantity for classifications.

4.   **Mohammed Hazim Alkawaz, Sayeed Ahsan Khan " Use of Fake News and Social Media by Main Stream News Channels of India " (2020)**

   Mohammed Hazim Alkawaz, Sayeed Ahsan Khan's 2020 paper The spread of fake news is rapidly increasing, and even government and mainstream media are contributing to the problem. With biased news sources outnumbering unbiased ones, controlling fake news on social media is challenging. Social media companies must implement stricter content policies and filtration systems to address the issue effectively.

5.   **Masanori Takano , Yuki Ogawa , Fumiaki Taka , and Soichiro Morishita" Effects of Incidental Brief Exposure to News on News Knowledge While Scrolling Through Videos" (2021)**

Masanori Takano , Yuki Ogawa , Fumiaki Taka , and Soichiro Morishita (2021) In this paper, we analyzed the effects of incidental brief exposure on news knowledge while changing channels on Internet television by combining the findings from user behavior logs and a questionnaire survey completed by the users. We found that incidental brief exposure can mitigate the negative effects of social media usage due to the significant interaction between the exposure and social media usage, although its main effects were not significant.

6.   **Ranojoy Barua, Rajdeep Maity , Dipankar Minj , Tarang Barua, Ashish Kumar Layek, "F-NAD: An Application for Fake News Article Detection using Machine Learning Techniques" (2019)**

Ranojoy Barua, Rajdeep Maity , Dipankar Minj , Tarang Barua, Ashish Kumar Layek (2019) This paper proposes a hybrid model using LSTM and GRU machine learning techniques to classify news articles into "Fake" or "Real." The model showed promising results on a custom dataset and other available datasets, demonstrating its effectiveness. An Android app has been developed for authenticating news articles from various online sources.
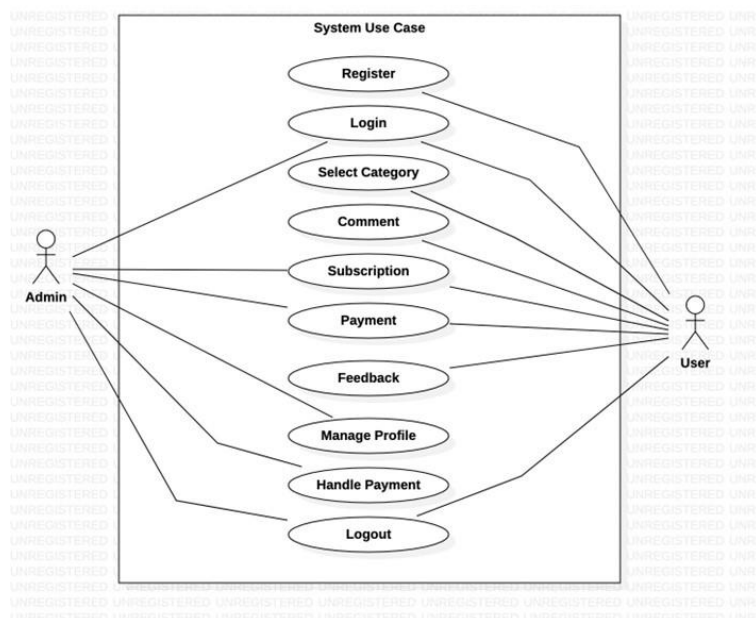
Proposed Website Alogrithm:

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System Activity Diagram

 This System Activity diagram outlines a user-friendly flow for News application. Here's a detailed explanation:.

Fig. 1. System Activity Diagram

1. Register/Login:

The Register/Login page will be used for login and register for new and existing users/admin.

2. Category Option:

All the news will be presented, possibly organized into categories.

So the user can access the news by the preferred news selected by them.

Due to this Users can access the platform easily and effectively

3. Comment Section:

This section includes Comments that will be given by the user for the news, it will tell us more about the given news that if the user likes the news or not.

Due to this section user can talk and grew engagement and build trust in the platform.
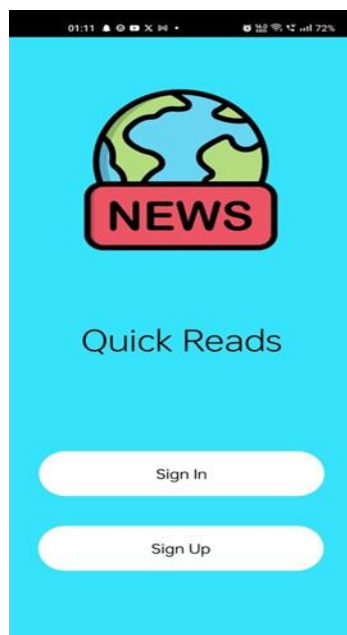
4. Subscription:

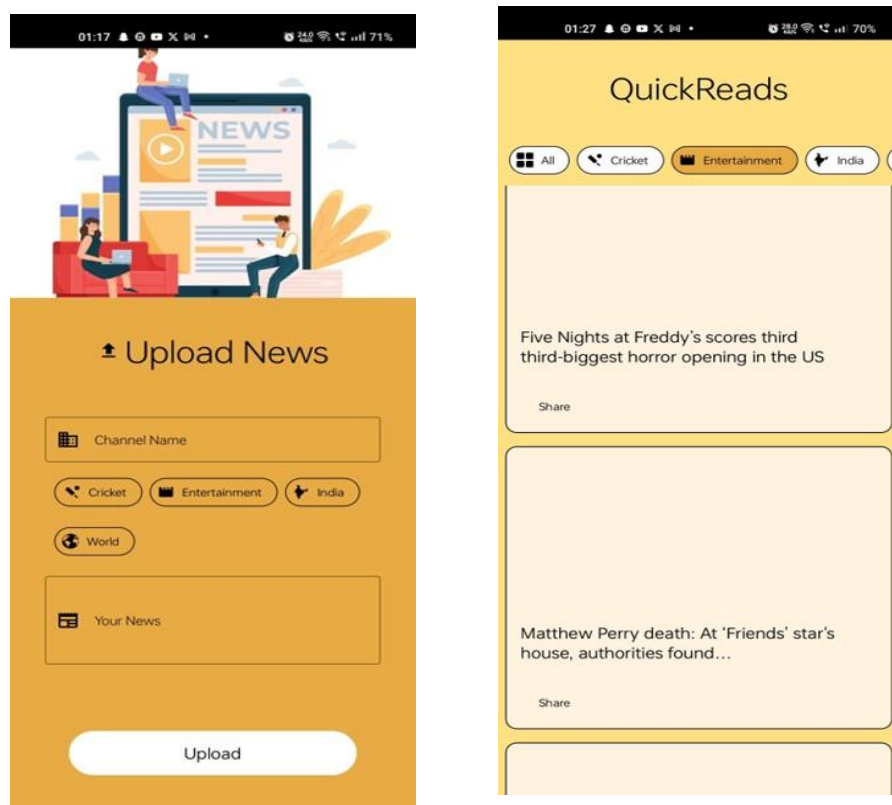Subscription can give access to more features that will help and assist the user more.

5. Feedback:

People can give positive and negative feedback for this application if there is something we miss out we will work on that.

6. Logout/closing the app

The process wraps up once the user gets desired news.

Outputs and result:
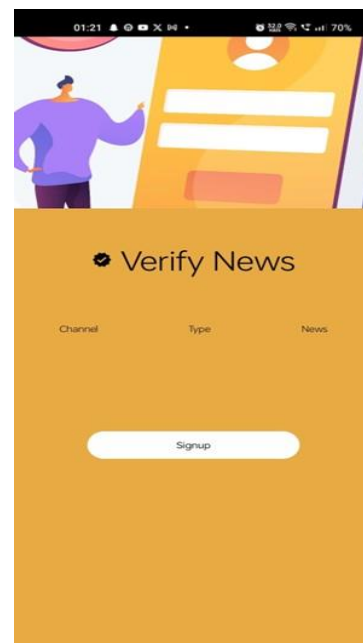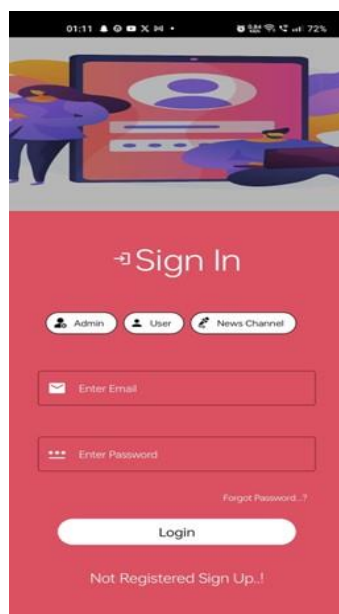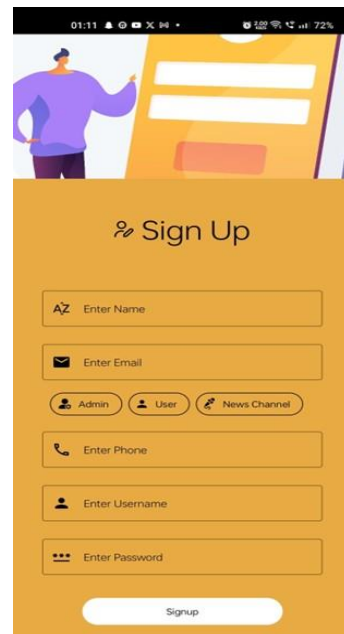
CONCLUSION :

Quick Reads is launched to address common issues in reading apps; namely, a high incidence of low retention rates, difficulty in finding relevant content, and the constant desire to increase reading speed without compromising comprehension. Offering quick and concise news updates, Quick Reads caters to constrained time users by ensuring that it is easily accessible information that aligns with their interests. This user-centric approach provides the basis for improving engagement and eliminating much of the frustration usually associated with other reading platforms.

Quick Reads also shows regard for accessibility; that is to say, the app will be designed to accommodate full access for users with disabilities. Integration into very busy lifestyles will be the key aim of the app itself, becoming that comfort return for long periods of usage. In this sense, it will feature an impact on the way news consumption becomes thoroughly more efficient, inclusive, and delightful.

REFERENCES :

1. Sunidhi Sharma, Dilip kumar Sharma, " Fake News Detection: A long way to go " (2019)*
2. Sara , Antonio Lieto , Federica Patti , Ruggero G. Pensa , Amon Rapp" A Gamified Platform to Support Educational Activities About Fake News in Social Media " (2024)
3. Pawan Kumar Verma, Member, IEEE, Prateek Agrawal , Ivone Amorim, and Radu Prodan , " WELFake: Word Embedding Over Linguistic Features for Fake News Detection" (2021)
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