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Press Information Bureau

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Abstract:

This App i.e. Press Information Bureau (PIB) is the nodal agency of the Government of India to disseminate information to the print and electronic media on government policies, programs, initiatives, and achievements.

I. Introduction

There are various innovative and efficient software emerging out in the market which have made the life of a common man very easy and simple. Press Information bureau is one such innovation. The objective of the app will be to support various multimedia formats such as text, video, and audio. The app will be customized to the language of choice of the user, and his/her topics of interest. Mechanism for real-time notification will be provided. The app will also contain the feature of live streaming of important press conferences and other events. The app will be interactive and be linked to the PIB's social media accounts and website.

II. Literature Review

As far as we researched the field, there are not any systems like the one we will produce. Usually, media streaming servers can operate only for a fixed number of clients. Over the limit, they cannot provide data stream. There are some companies that offer solutions to this kind of problems. However, their solutions are not generic; they simply increase the bandwidth of their server to support more clients. Our media streaming system will offer a more generic solution to this problem which is applicable to most of the systems. Because the workload on the media server will depend only to the number of web servers, not clients. Since a single web server will serve to lots of clients, workload on the main server will decline dramatically. Eventually, we believe that the ideas that our product is introducing will be used widely among companies or people that provide media, especially video, streaming. Most probably municipalities in metropolitan cities will benefit most from this product because; recently some problems began to occur in their systems, such as freezing of the stream after first frame.

III. Study of Existing System (Research)

At present, The Press Information Bureau, commonly abbreviated as PIB disseminates information to print, electronic and web media on government plans, policies, program initiatives and achievements. Its main task was to prepare a report on India

Existing System/Application: Press Information Bureau App

- Problems Addressed: Login and Registration, Added more features.

- Advantages: Given user choice to select language.

- Disadvantages: Not engaging user interface.

- Reference Link: https://play.google.com/store/apps/details?id=com.nic.pib

IV. Methodology

The Software Design Description Document has been used as input in the implementation process. The actual implementation will be done using React Native. In this implementation, JavaScript has been used as the scripting language. React Native processes the inputs or commands given by the user and translates them in the commands understandable to the database. In Addition to that, we have chosen Visual Studio as our platform to be able to develop our application.

V. Result Discussions

The outcome finally results into an app which will have an engaging user interface that supports various multimedia formats such as text, video, and audio. Also, the app will be capable to disseminate information to the print and electronic media on government policies, programs, initiatives and achievements.
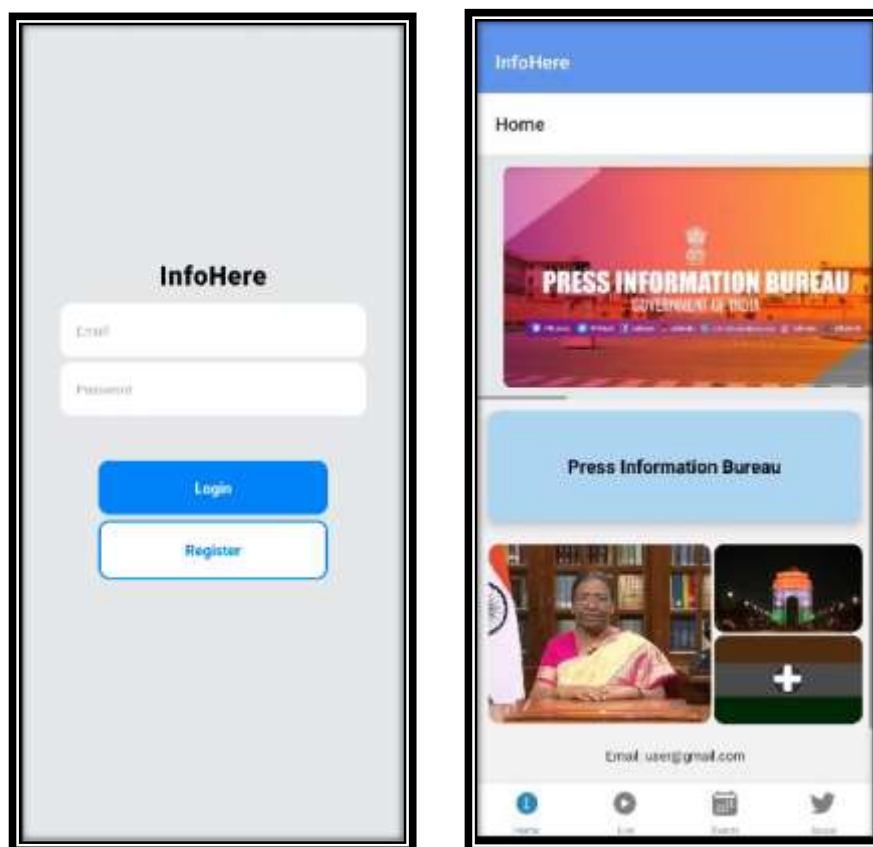
VI. Conclusion

PIB app gives information about schemes, programs, amendments, modifications, and other actions taken by the government. Also, the app will have an insight of the developmental activities going on in the country. The app will be customized to the language of choice of the user, and his/her topics of interest. Mechanism for real-time notification will be provided. The app will also contain the feature of live streaming of important press conferences and other events. The app will be interactive and be linked to the PIB's social media accounts and website.

VII. Acknowledgment

References

• https://www.pib.gov.in/

 • https://en.wikipedia.org/wiki/Press_Information_Bureau/