Medi-Caps University

Department- Computer Science

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UniMedia

Submitted to-

Ms. Isha Chopra

Submitted by-

Amber Jain

Amala Sebastian

Akshara Shar

Abstract

This application should allow students to register and log in using their contact number. The application should provide news/information articles from different branches and clubs of the University, and students should be able to filter news/information based on different categories and sources. Students should be able to save news/information articles for offline reading, share information, and search for articles based on keywords. The application should load quickly and be responsive, even on slower internet connections. The application should protect student data and maintain the privacy of student information. The SRS document specifies the functional and non-functional requirements for the application, including performance, security, compatibility, and student feedback.

Introduction

It is essential to have the right news/information at the right time.

In today's fast-paced world, staying up-to-date with the latest news/information is crucial. People rely on news/information sources to stay informed about current events, sports, entertainment, and other topics of interest.

The UniMedia is designed to provide students with personalized news/information articles from different branches and clubs of the University, in a convenient and student-friendly manner. The application can be accessed on Android smartphones, making it easy for students to access news/information anytime and anywhere.

The application is designed to cater to the needs of all the college going students, including those who are interested in news/information regarding clubs, competitions, events, workshops and more. Students can customize their news/information feed based on their preferences. The application provides various categories of news/information articles, such as technology, sports, entertainment, music, dance, art, external affairs and more. This allows students to filter news/information based on their interests and stay up-to-date with the latest events in their university. Students can also showcase their art and talent using this app by publishing their content.

The UniMedia also provides students to save articles for later reading. Students can also share articles with their friends.

Security and privacy are critical factors in the design of the UniMedia. The application is designed to protect student data and maintain the privacy of student information. The application also provides a feedback mechanism to allow students to rate articles and provide feedback to improve the quality of the news/information articles delivered.

In conclusion, the UniMedia is designed to provide students with a personalized and convenient way to access news/information articles on their mobile devices. With a wide range of categories and sources, the application caters to the diverse interests of students. The application is designed with security and privacy in mind, and the feedback mechanism ensures that student feedback is taken into account to improve the quality of the news/information articles delivered

Problem Domain

The lack of effective communication channels and information dissemination mechanisms on college campuses is causing several issues for students. Firstly, many students are missing out on campus events, activities, and competitions due to a lack of awareness. While social media platforms are commonly used for communication, not all students are active on them, leading to a significant portion of the student body being left out of important announcements and updates.Additionally, students are also missing out on opportunities outside their college, such as competitions and events in other institutions, which could help them broaden their knowledge and skillset. Without effective communication channels, students are unable to explore such opportunities, leading to a lack of exposure and growth.

Furthermore, the availability of study materials during exams is also a concern. While some students may have access to necessary resources, others may not, putting them at a disadvantage. This could ultimately affect their performance and academic progress.

The lack of guidance and interview preparation materials is another issue faced by students. Without proper guidance, students may struggle to prepare for job interviews or face other challenges related to their academic and professional development.

Finally, the lack of information about talented students is a problem that often goes unnoticed. Many students may have exceptional skills and abilities, but without proper promotion and recognition, they may not receive the opportunities and support they deserve.

Overall, these issues stem from a lack of effective communication and information dissemination mechanisms on college campuses. Addressing this problem requires the development of better communication channels that can reach all students, regardless of their social media usage. Additionally, it requires the establishment of support systems that can guide and assist students in their academic and professional pursuits. By doing so, colleges can ensure that all students have equal opportunities to grow, learn, and succeed.

Solution Domain

An android application can be developed to address the lack of communication and information dissemination on college campuses. This application can provide a centralized platform for students to access all relevant information, including ongoing activities, competitions in other colleges, study materials, guidance, and job interview preparation resources. The application can be designed to cater to the needs of all students, with a user-friendly interface and real-time updates on campus events, competitions, and job opportunities. It can provide access to study materials and offer resources to help students prepare for job interviews. Furthermore, the application can provide a platform for students to showcase their skills and achievements, making them more visible to club leaders and other members of the college community. Overall, the development of such an application can ensure that all students have equal opportunities to grow, learn, and succeed on campus.

SYSTEM DOMAIN

The system domain for UniMedia providing news/Information would involve a few key components.

Firstly, the application have a user-friendly interface that allows users to browse and read news articles easily.

It have a database or API that constantly updates with the latest news/Information from various sources.

The application will contain algorithms that can sort news articles by category or interest, and users may be able to customize their news preferences.

Additionally, there would be a notification system to alert users of breaking news or news related to their interests. Finally, there may be a feature that allows users to share news.

EXPECTED OUTCOME

- The proposed android application is a platform that aims to address the lack of communication and information dissemination on college campuses. It provides a centralized platform for students to access all relevant information, including ongoing activities, competitions in other colleges, study materials, guidance, and job interview preparation resources.

- The application is designed to cater to the needs of all students, with a user-friendly interface and real-time updates on campus events, competitions, and job opportunities. It also provides access to study materials and offers resources to help students prepare for job interviews.

- Additionally, the application offers a platform for students to showcase their skills and achievements, making them more visible to club leaders and other members of the college community. This feature can help talented students gain recognition and opportunities to participate in various activities on campus.

- Overall, the application aims to provide a holistic solution to the various issues faced by students in college, ensuring that they have equal opportunities to grow, learn, and succeed on campus.