International Journal of Research Publication and Reviews

COMMUNICATION SERVICE FOR COLLEGE STUDENTS USING ANDROID APPLICATION

Auth. Vaishnavi Jadhav[1], Auth. Aniket Shinde[1], Auth. Surabhi Kanade[1], Auth. Makarand Lokhande[1], Guide: Dr. Sharad Adsure[2]

[1]BE (Computer, GHRIET)
[2]Ph.D. (GHRIET)

ABSTRACT

College Hub – A platform for student interaction and collaboration. The main aim of the project is to increase interaction among campus students and build a platform that will help us to achieve this goal.College Hub will provide students with event alerts, notes a Q&A platform, and a discussion forum as well. This platform will reduce the communication gap between various branch students and they will exchange knowledge on a large scale.

Keywords: Social network service; Multi-Domain; Online collaborations; Cloud service; Multi-level groups

1. INTRODUCTION

As we still continue to battle the ongoing Coronavirus pandemic, it has become very difficult for college students to interact with each other. As a group of engineering students, we have always felt that there is a huge communication gap between seniors and freshers. This is because there are very few interaction sessions/platforms where they could come and collaborate. Event organization and keeping track of every event are difficult. Also If you want to have a discussion forum – no platform specifically for college. College Hub is a mobile application that is basically designed for the interaction and collaboration of the students where they can communicate with students of the other divisions and departments. The main aim of this application is to increase interaction among the students with their juniors and seniors which increased a lot during the pandemic when everyone was at their home and had no contact with the other people at all. Thus, we had thought of designing a mobile application which will be used by the students of our college. We believe that this platform will reduce the communication gap between various branch students and they will be able to exchange knowledge on a large scale which can be beneficial for their academic as well as interpersonal growth. After the launch of public social network services like Facebook, Twitter, YouTube, etc. in 2006, public social network services have gained the favor of hundreds of millions of Internet users in just a few years. Social network services also called social network sites or social network systems are defined as web-based services that allow users to construct a public or semipublic profile within a bounded system, articulate a list of other users with whom they share a connection, and view and traverse their list of connections and those made by others within the system. On one hand, public social network services encourage users to use their real names and build connections with their real-world friends like classmates, and colleagues. Different from public social network services and specialized social network services which orient Internet users from all around the world and focus on providing information communication and dissemination services, campus social network services and enterprise social network services orient users on the same campus or on the same enterprise and focus on providing information sharing, knowledge sharing, and especially online collaboration services. Moreover, since people need to maintain independent social spheres, that is, they usually play a different role, build connections and communicate with different people, and join different groups in their daily life; technological features of news feed based on the entire friend list in most current social network services may bring their social spheres in conflict and bring online tension to them.

RELATED WORK

1. Amalia Rusu, Jennifer Lawlor. " Connecting Campus and Community through Web Development Service-Learning Projects"   2019

   In this paper, we have analyzed how Web Development is a one-semester course required for undergraduate students and part of the Web Applications track for the graduate program.

2. Lori Schieffer, University of Phoenix. "Importance of Collaboration" 2019

   In this paper, we have studied the Benefits And Barriers Of Virtual Collaboration Among Online Adjuncts

3. Nina Zanareli, Snehita Sana, Larry Hiemann. "Challenges for distance learning and online collaboration in the time of covid-19 " 2020

   In this paper, we have looked at how Communication Gap among students and why student coordination is crucial for overall development.

4. Zhao Du, Xiaolong Fu, Can Zhao, Ting Liu, Qifeng Liu, Qixin Liu. "MULTI-DOMAIN CLOUD SOCIAL NETWORK SERVICE PLATFORM SUPPORTING ONLINE COLLABORATIONS ON CAMPUS [2]" 2019

In this paper, we have looked at how Collaborations on multi-domain cloud social network service platforms are done.

EXISTING SYSTEM

In the existing situation, all the information is shared with students via third-party apps but it becomes difficult to manage all the data as we get a lot of stuff daily on those apps and it becomes difficult to keep track of any important announcements hence it increases the chances of missing important events.

There are some existing platforms available for the Q & A section But the answers provided on that platform are in technical terms which are difficult to understand for beginners.
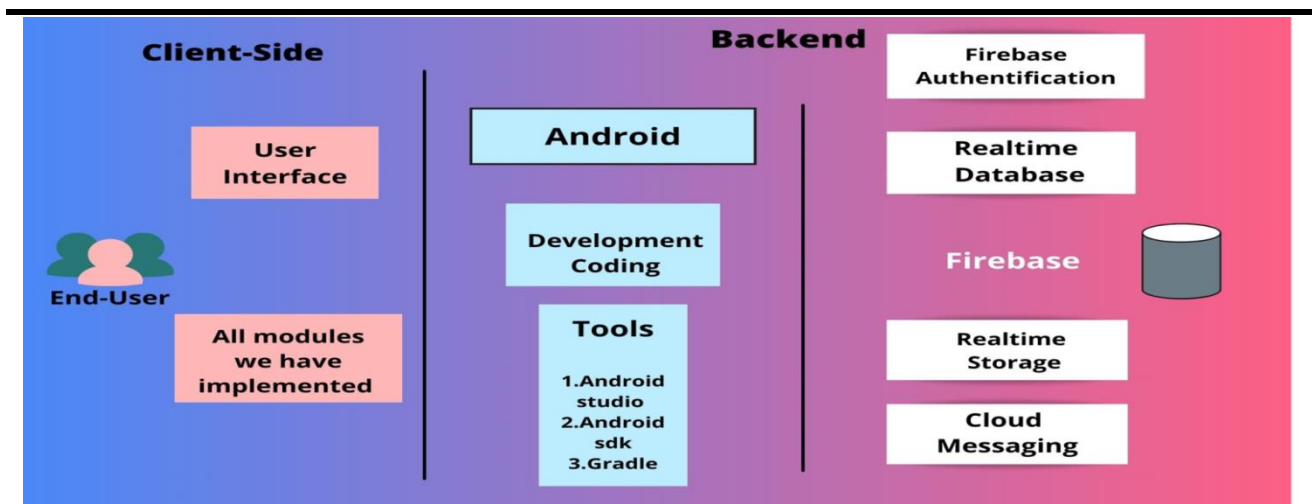
OUR SOLUTION

A mobile app that will help students with notes and their general queries.

Providing students notes and event alerts to students so that they don't miss any informative and important events.

Help students with their technical doubts. This will inculcate contribution skills within them.

General queries of students like placement preparation, conversation on latest technologies, startup idea discussions, team formations, etc.

SYSTEM ARCHITECTURE

2.   CONCLUSION

The app will enable students to participate in online club events, easily form study groups with fellow classmates, and gain access to important resources to feel supported during the time of their education.

REFERENCES

[1]   Meeli Rannastu-Avalos, Leo Aleksander siman Challenges for distance learning and online collaboration in the time of covid-19 – ©2020 IEEE

[2]   https://link.springer.com/chapter/10.1007/978-3-030-58157-2_9

[3]   Lori Schieffer, University Of Pheonix, Importance of Collaboration - https://files.eric.ed.gov/fulltext/EJ1127636.pdf, ©2019IEEE

[4]   Amalia Rusu and Jennifer Lawlor, Connecting Campus and Community through Web Development Service-Learning Projects, ©2019IEEE, October 27 - 30, 2019, Washington, DC 40th ASEE/IEEE Frontiers in Education Conference

[5]   Zhao Du, Xiaolong Fu, Can Zhao, Ting Liu, Qifeng Liu, Qixin Liu, Multi-domain cloud social network service platform supporting online collaborations on Campus ©2019IEEE