
SOCIAL MEDIA PLATFORM FOR COLLEGE STUDENTS

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ABSTRACT

There are many social media platforms people using nowadays. This application is purely for college community, a web application which give a real time virtual experience of college life. Students can make friends with their peers, seniors and juniors on this digital networking portal. Posts of Events, Competitions, Placement drives, submission notices, college festival announcements, etc. can be share on this web application. It mainly focus on connecting students, faculties and training and placement officers of particular institute so that it help to build better communication and networking among this channels.

Keywords: Social Media, Networking, College, Students, Communication, Web Application.

I. INTRODUCTION

This college communication forum is a web application designed for college students. The main purpose of this project is to connect people on college community and keep notifying users about what's happening in college. It can help to improve the viewing field so that college students can share their skills this helps the college administrator to follow all the college activities. On this platform user can add photos, notices event details, update profile, deletes personal posts, etc. Even students can ask questions by commenting on official posts. The social network creates a college network that gives college students a virtual chance to build a communication that allows to share information. Admin have details of all registered users and have rights to approve users and give access to use this platform.

II. METHODOLOGY

Proposed System –

Social Media Application for college students. Currently we are using many social media sites for connecting with global world. Research show that we can make use of this digital media for our knowledge. Students are using different social media sites for learning, networking. It is much needed to have one single platform for college community where students can connect with their peers, keep track of their progress[3], get update about events in college. Also faculty member and placement officers, admin section can get records of all students at one place. This overall idea can convert college life into online and help to give virtual experience of campus.

Key Features-

- Students can register and join the program after their registration has been approved by the administrator.
- Students can upload photos and posts. All readers can view the news feeds posted by each student.
- All student enrollment will be approved / rejected by the administrator. Also, all posts will be kept pending until the administrator approves / rejects each post. The administrator has full control over the login system, he can add / remove intelligence.
- Staff can view a student profile and post event details, which are visible to students
- Analysis of student profile can be seen in terms of charts

Basic System Architecture

It mainly comprises of three user sections – Admin, staff and students. Shown in (Figure 1) below.

Admin – Manage and approve users

Staff – Add post about submissions, attendance, send messages, make new friends, update profile etc.

Students- share posts, send messages, make new friends, maintain profile, etc.

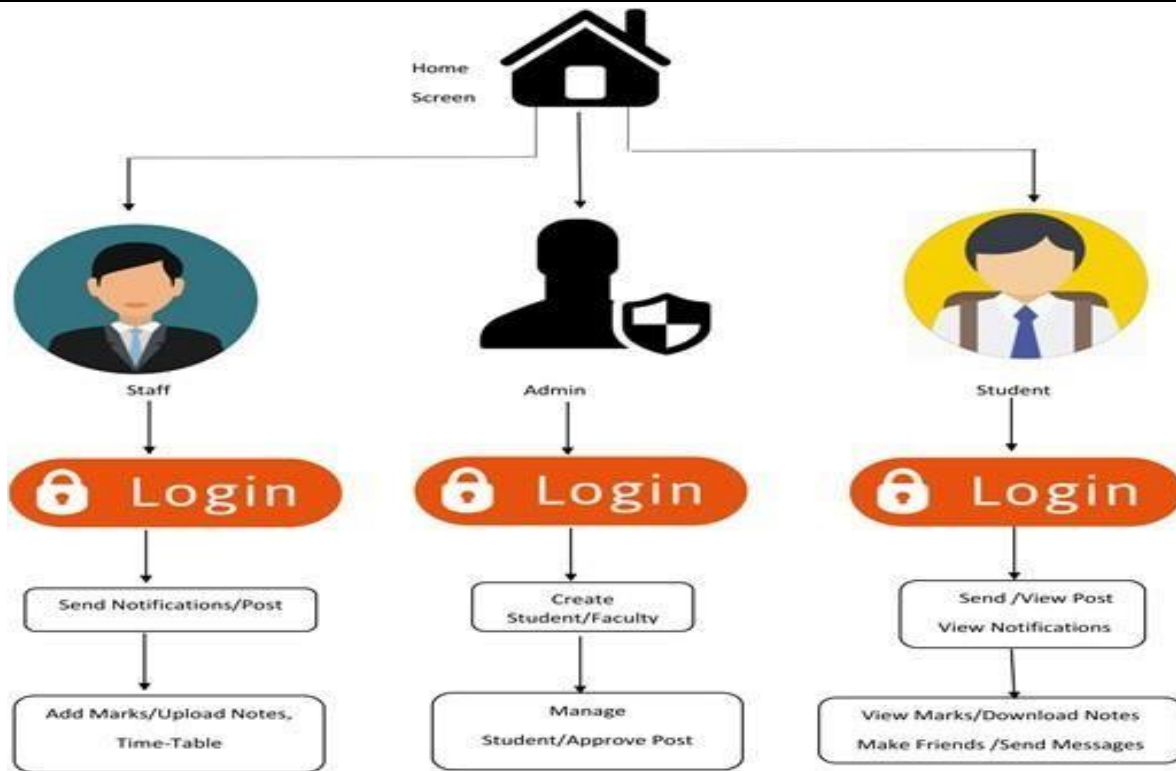


Figure 1: System Architecture

III. MODELING AND ANALYSIS

Technology Stack

In this web application we used latest technology like Angular for frontend development that is useful in single page web application. Then Django rest framework for database backend development. VS code is used for writing and compiling code.

Programming Languages – HTML, CSS, Javascript, Typescript, Python

Scope

In future we can use artificial intelligence and machine learning algorithms to increase application features and give better experience to users. We can add selfpaced learning courses to focus on e-learning and reduce college lectures hours[2].

IV. RESULTS

The home page of site is shown in below (Figure 2).

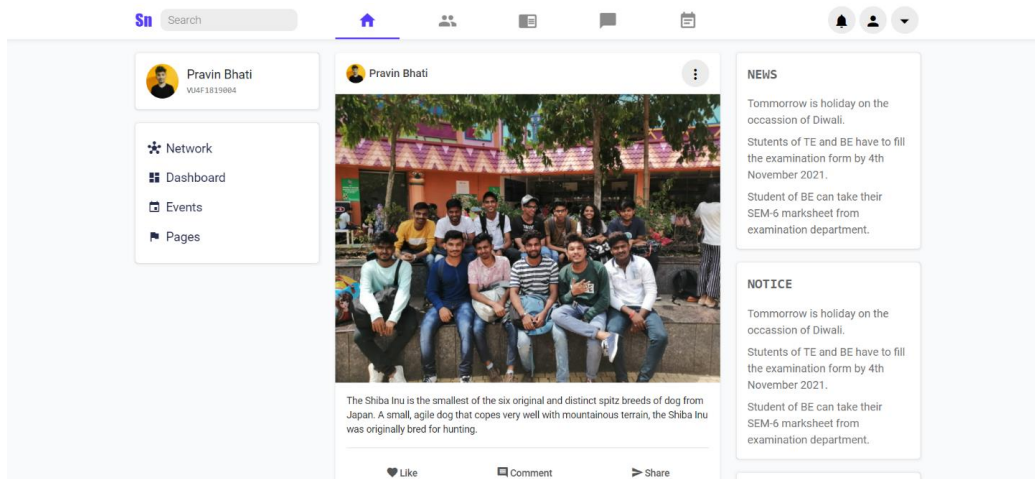


Figure 2: Home Page

V. CONCLUSION

Networking and communication with people becomes easy. Interacting with college people becomes easier. the offline college campus life can be transformed into a virtual world using this web application communicating with people becomes easier.

VI. REFERENCES

- [1] T. K. V. Viktorovna, Z. K. Pavlovich, G. E. Borisovna and B. T. Anatolyevna, "Self- Concept and Social Networking of Students at Polytechnic College," 2019 12th International Conference on Developments in eSystems Engineering (DeSE), 2019, pp. 833-836, doi:10.1109/DeSE.2019.00154. <https://ieeexplore.ieee.org/document/9073363>
- [2] F. Yu and Y. Liu, "Social Media as a Teaching and Learning Tool for In-class Q&A Activities to Promote Learning and Transform College Engineering Classroom Dynamics: The Case of Facebook," 2015 IEEE 15th International Conference on Advanced Learning Technologies, 2015, pp. 299-300, doi: 10.1109/ICALT.2015.11. <https://ieeexplore.ieee.org/document/7265331>
- [3] B. B. Wiyono, A. Wedi, S. Wahyuni and A. V. Valdez, "Use of Online Communication Media as A Student Learning Tool in College and its Effect on the Achievement of Students," 2020 6th International Conference on Education and Technology (ICET), 2020, pp. 186-191, doi: 10.1109/ICET51153.2020.9276562. <https://ieeexplore.ieee.org/document/9276562>
- [4] M. M. H. Khan and J. C. L. Chiang, "Using mobile devices & social media in supporting engineering education," 2014 IEEE Global Engineering Education Conference (EDUCON), 2014, pp. 1077-1081, doi:10.1109/EDUCON.2014.6826241. <https://ieeexplore.ieee.org/document/6826241>
- [5] Nini, E. (2015). "Private Open Source Social Networking Media for Education." 2015 Fifth International Conference on e-Learning (econf). doi:10.1109/econf.2015.16 <https://ieeexplore.ieee.org/document/7478235>