



## STUDENT PROFILE & FEED APPLICATION ANDROID AND WEB APPLICATION

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**ABSTRACT** In our organization, students do not currently have a digital profile where they can access their information, such as their fee information and semester results, from a single location. Students can also view college notices on the college notice board at specific times and communicate with TPOs via social networking sites like WhatsApp, which poses a risk of them disclosing personal information like phone numbers. To improve every one of the limits in the current framework to give a coordinated arrangement that can foster an application for introducing computerized understudy profile which is an additional benefit in future to connect is legitimate data to understudy profile and keeping a computerized notice load up to see sees at whenever and at wherever and correspondence with TPO'S utilizing association cordial point of interaction which can uncover required data among the association.

### 1. INTRODUCTION

The use of smart phones, the internet, and the World Wide Web helps the user to gain information on a particular action. The internet helps the user to manage some sort of placement process as well as a digital notice board. The Student profile and feed application consist of mainly Digital Notice Board, Student Profile and Chat System with TPO. A Notice Board is a place where people can leave any type of messages relevant to the students and notifications, for example, to announce events or provide any information like fee detail, exam results, exams schedule, various club activities and academic calendar. The earlier system is not computerized. Generally, in some educational institutions, the organization use circulars and notice boards for conveying information to the students. This methodology takes additional time for updating too many students those who are absent may not be aware of information regarding activities of organization which is displayed on notice boards in a particular time. The digital notice board system is one of the applications to improve the usage of the notice board of the college by making it available online. So that users (students, faculty, etc) can access the notifications and articles quickly not only in the particular premises, also wherever and whenever they need to know. Digital notice board usability is fully capable of passing relevant notices and announcements and keeping the users update from time to time. The students are kept updated each time with the digital notice board, based on their preferences concerning the departments, years and categories through a notice board online. In the digital notice board system all the updates like, add, delete, the view is done by admin so that users will get the updated information through online notice board. This online notice board system is very helpful for all type of users like existing users and new users. So, the admin can leave and erase notification for other people to read and view. Digital Notice board, it can be placed on digital devices such as computers, tabs, mobile phones, etc. Actually in earlier system, TPO will get the student profile, if the students update their details through online. If there are any mistakes like grading, names, etc the particular student has to communicate with TPO's manually to change mistakes or update their



information. In earlier system there is no proper communication between the students and the placement officer.

In the updated application student profile will get directly from the organization, So that if there are any updates it will automatically get updated and also there is less possibility to have mistake in profile. Here, the students can easily communicate with the placement officer. The training and placement cell plays an important role in improving the overall performance of the student without delay. The main objective of the training and placement department is to manage the details of the placement, student details, overall academic details of the students, and their technical skills. Once the details are stored in the database, it would be easy for the training and placement officer to filter the students according to their academic grading and skills based on the criteria of the campus drive. The overall system of the training and placement officer is managed by the administrator.

The current system “STUDENT PROFILE AND FEED APPLICATION” is an android application that can be accessible by the student throughout the organization with the help of login which consists of online notice board, student profile, and chat system with TPO’s. This application can also be used by the placement officer and college admins to maintain all the records of the students as well as the activities related to the training and placement cell. It also specifies regarding college events which are going in current semester or year in advance to the students. The students need to register themselves through this application, student ID will be authorized based on information stored in database. Once the registration gets successful, a unique user ID and password will be created for each individual student. If the students need to make changes in their personal and academic profile they can forward the concern request to the placement officer. The students may also receive the notifications regarding the upcoming campus drive, can view posted by organization. It also provides information about the campus recruitment details and recruitment process. A link will be provided by the administrator of the upcoming campus where the students can obtain extra information about the company. Placement officers will also be provided a unique id and password by the administrator. This application helps the placement officer to update the correct details of the requested students. Here administrators only have the right to access the database. Once the campus recruitment gets completed the final list of the placed students in a particular company will be uploaded by the administrator. Notifications will be sent to the students about the upcoming campus drive and also they can raise their doubt. Some of the features of this application includes such as: Work can be done in a computerized way, No need of paperwork, To increase the accuracy and efficiency of the placement process management of student data, Analysis of the overall placement process and the work burden will be less for the training and placement department, regarding fee payments, exam results, any new activity schedules happens in college campus or college fest participation, libraries dues, hostel room payments, any workshop registrations, warnings like attendance shortages, and reminders like fee details, etc for this work online notice board is making all work much easier and understandable to all.

## 2. LITERATURE SURVEY

The most crucial step in the application development process is a literature survey. It is necessary to ascertain the time factor, economy, and organization strength prior to developing a tool. Then, a project design overview to understand the system's flow. The next step is to choose an operating system and



programming language for the system's development once these conditions have been met. The programmer needs a lot of support from outside sources once they start building the tool. Senior programmers, a book, or a website can all provide this assistance. The aforementioned consideration is taken into account when developing the proposed system before it is built.

Retheesh and others, K. Anand has explained how to fix a problem with the manual system that is currently in use. The search and updating of student data is the main issue with the current manual system. Additionally, it would be challenging for the training and placement officer to sort the list of students according to the campus drive's criteria. The registration, update, and search for student data are all part of the proposed system. The majority of users are: Student and training and placement officer (TPO). The master user is the admin. Admin prioritizes more than any other user. Understudies can enlist and can likewise see or alter their intellectual or individual subtleties. The administrator will also update a list of placed students.

Mythili M. and Others E- PLACEMENT, as proposed by (2018), is a comprehensive management and information system that provides current information on all college students. E Position assists the universities with beating the trouble in tracking hundreds and thousands of understudies and looking for an understudy qualified for enlistment standards from the entirety thing. It aids in the timely and efficient use of software and hardware resources.

## 2. PROPOSED SYSTEM

### 2.1 Student Profile module:

To avoid the problem in the existing system this application initializing digital student profiles used to get student profiles from organization records with highly secure. Also if there are any changes or updates like grading, names, etc it will automatically get the update. TPO's can easily filter students according to company criteria where it takes less time.



**Fig1: Online student profile**

### Digital Notice Board Module:

To rectify the problems in the existing system this application maintaining a digital notice board to view notices at any time and at any place, where notice is posted online so that every user will get information regarding college. So that everyone in the college will come to know what is happening in college.



**Figure 2:Digital Notice Board**

**Chat System with TPO Module:**

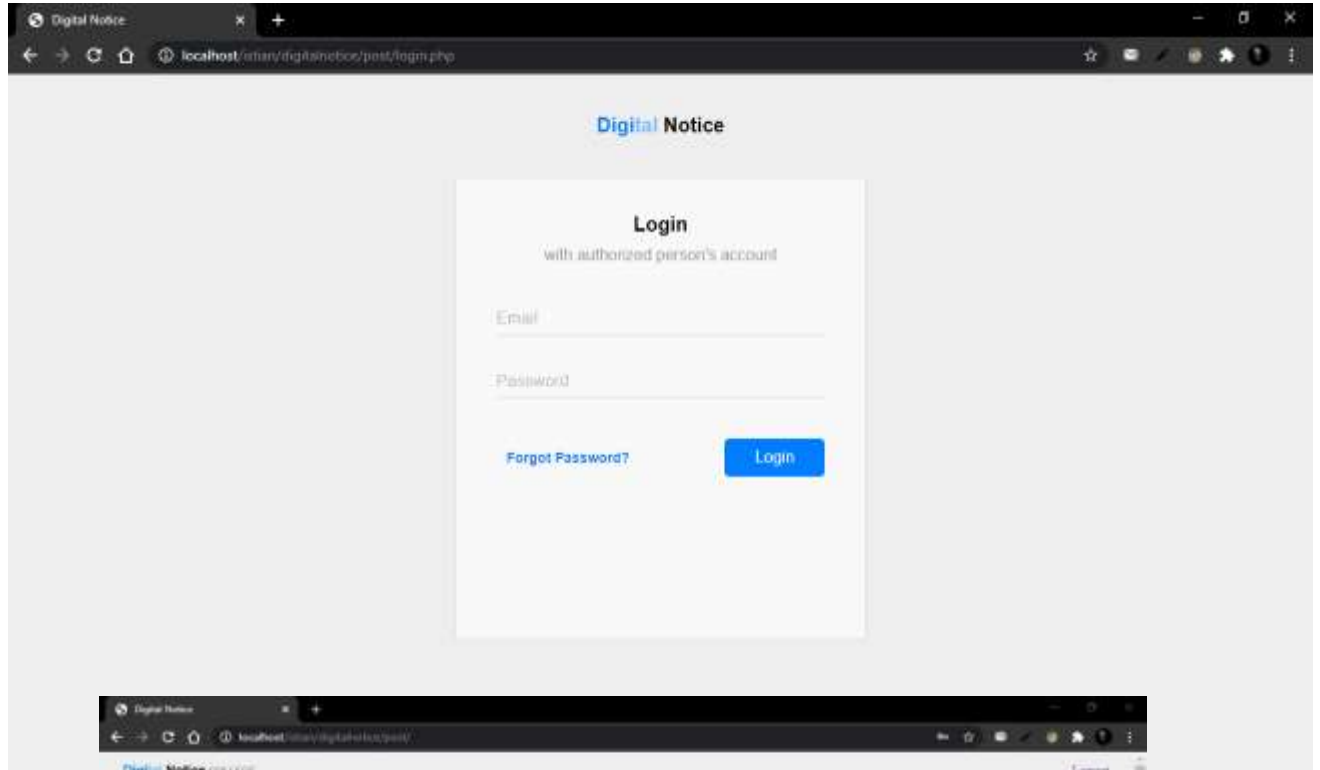
To avoid problems in the existing system this application provides Communication with TPO using organization friendly interface, which can expose required information among the organization based on the users' requirement admin will post the response. And also admin has all rights to give view permission based on the information. If the response is for an individual then admin will send to only that particular person if not admin will permit all uses. This application can provide more security to every user.



**Fig3:Chat System with organization needy and privacy concerned**



#### 4. RESULTS AND DISCUSSION



After L  
Fig 4.2

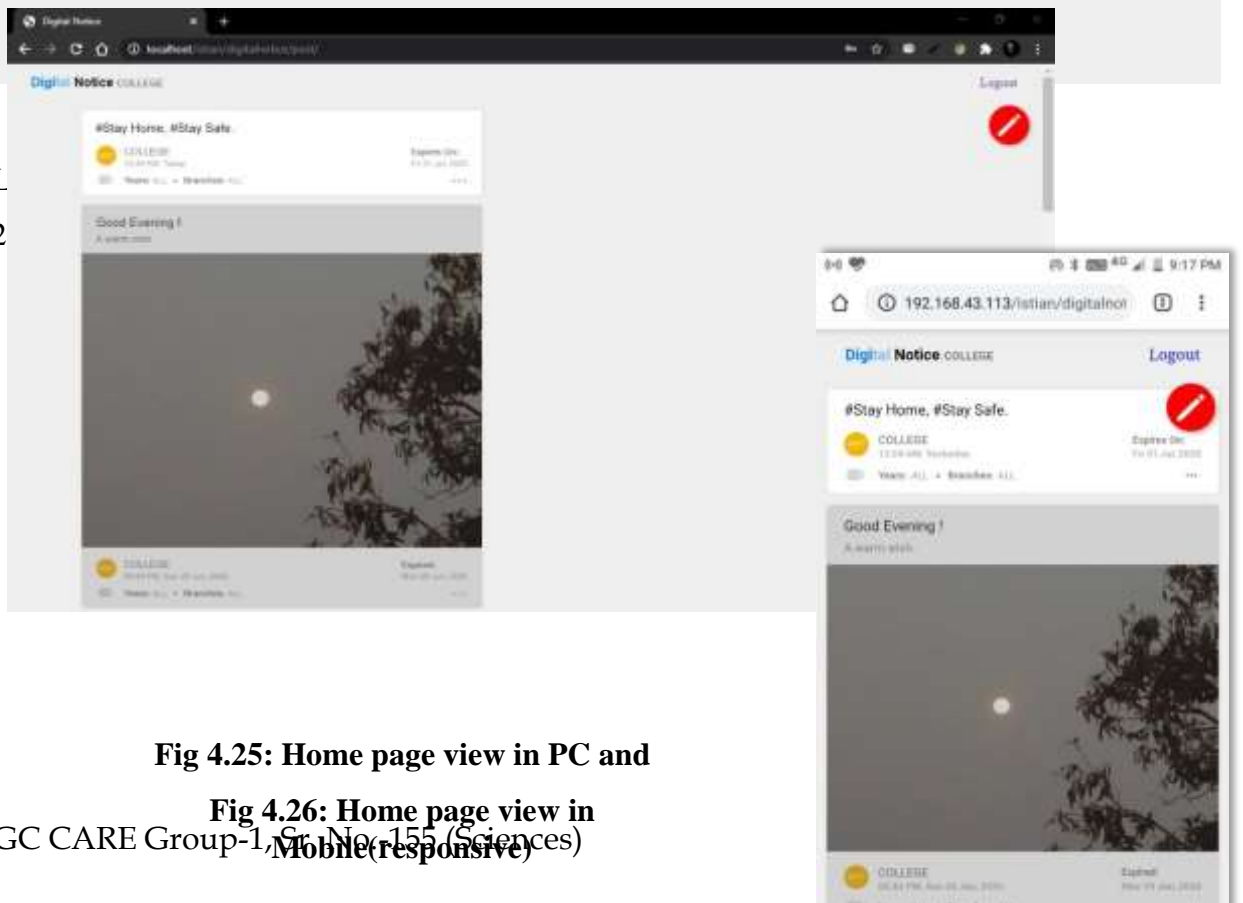


Fig 4.25: Home page view in PC and

Fig 4.26: Home page view in  
Mobile (responsive)



If Admin need to create notice then admin need to select edit option which is at the right top corner, it will display the template of notice as shown in Fig 4.27

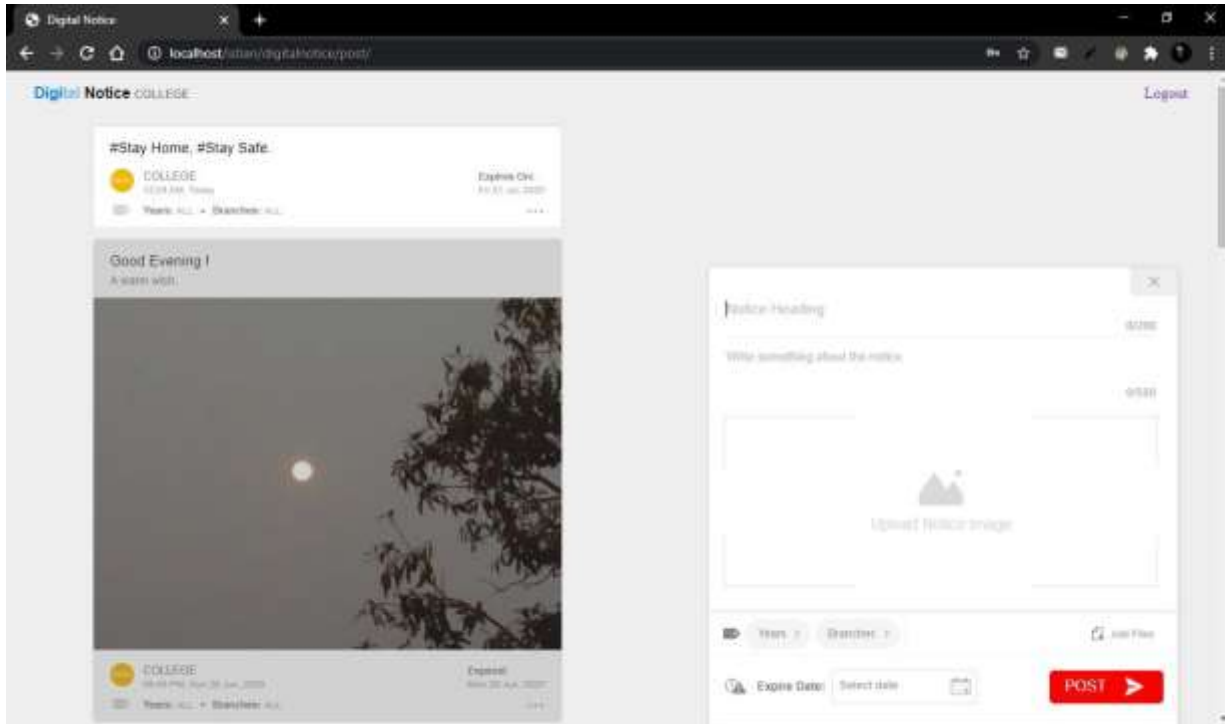


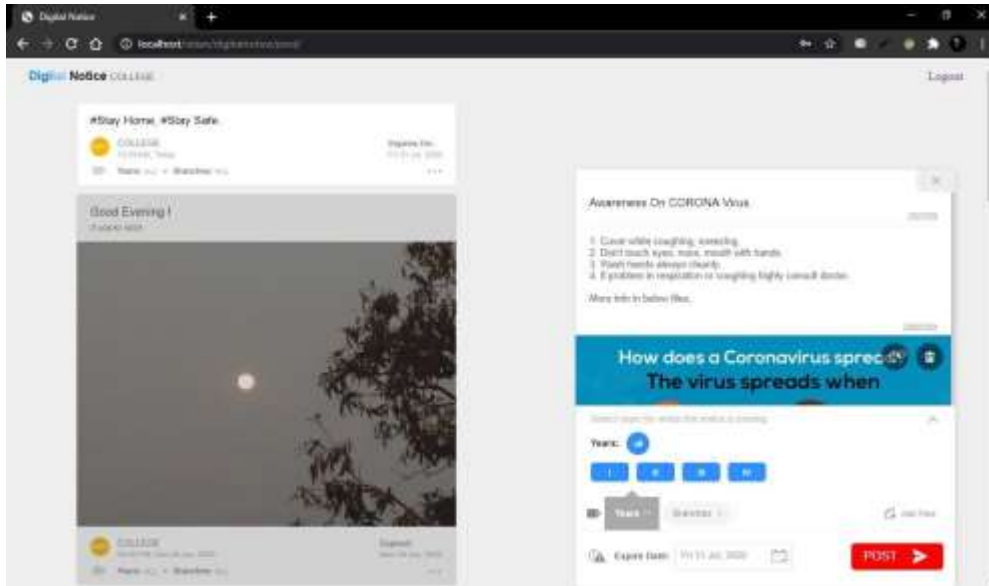
Fig 4.27: View for template of new notice in PC



Fig 4.28: View for template of new notice in Mobile (responsive)

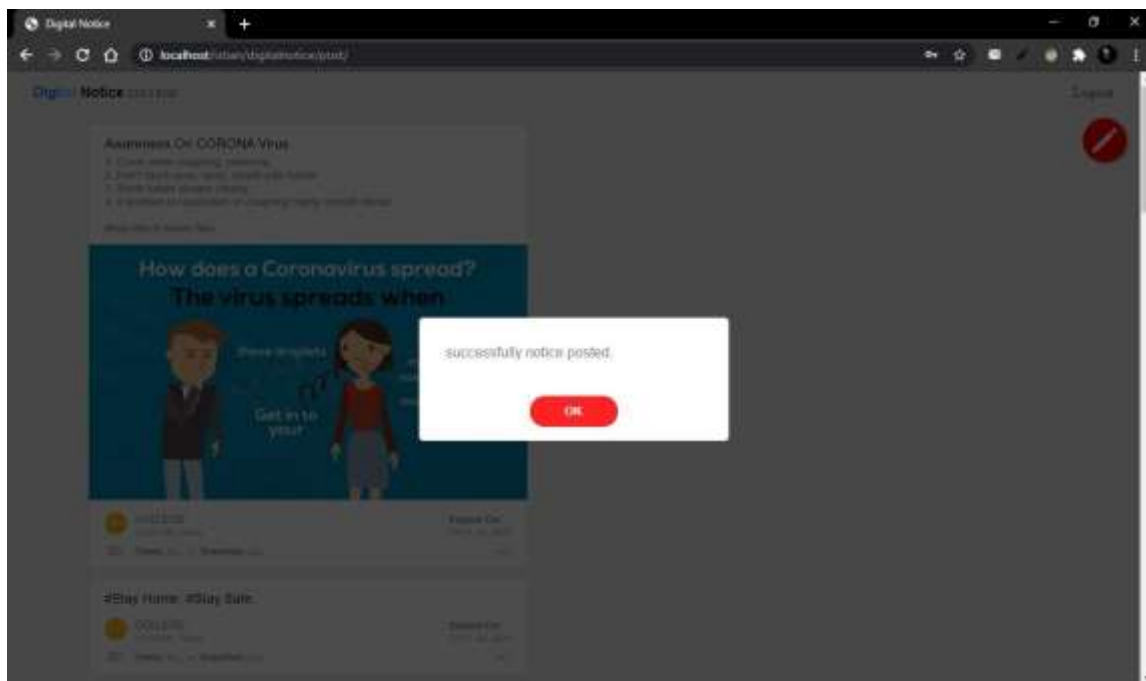


While creating notice admin can upload notice image, attach files, hence size of the files should be less than 2MB more than that it will not accept.



**Fig 4.29: View of creating new notice**

Admin has right to pass the information branches wise and year wise i.e. to all branches and year or particular branch and year base on that admin will select the option as shown in Fig 4.29.



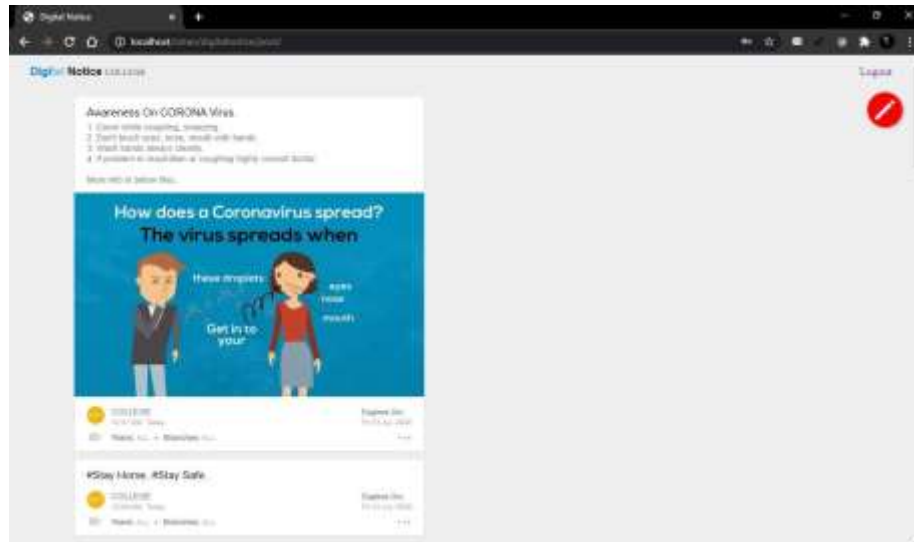
**Fig 4.30: View of Confirmation message for newly posted notice**





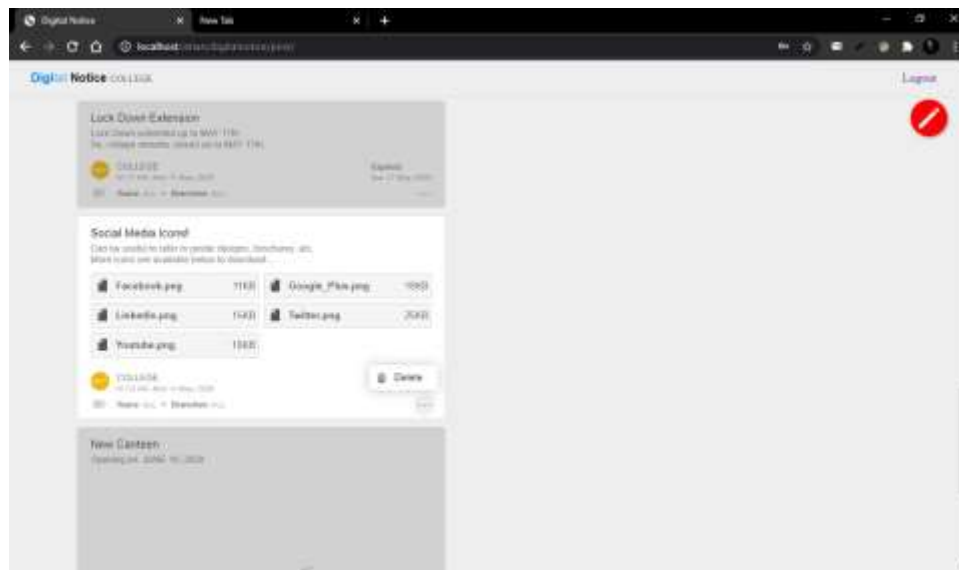
After select the post POP up message will display whether the notice is posted successfully or not as in Fig 4.30 there message as successfully notice posted hence it giving the conformation for successfully notice is posted.

Hence the posted notice is displayed at left side of page as shown in Fig 4.31



**Fig 4.31: view of new notice**

To delete the notice go to three dot icon which is on the right bottom corner of each notice and select delete option as shown in Fig 4.32.

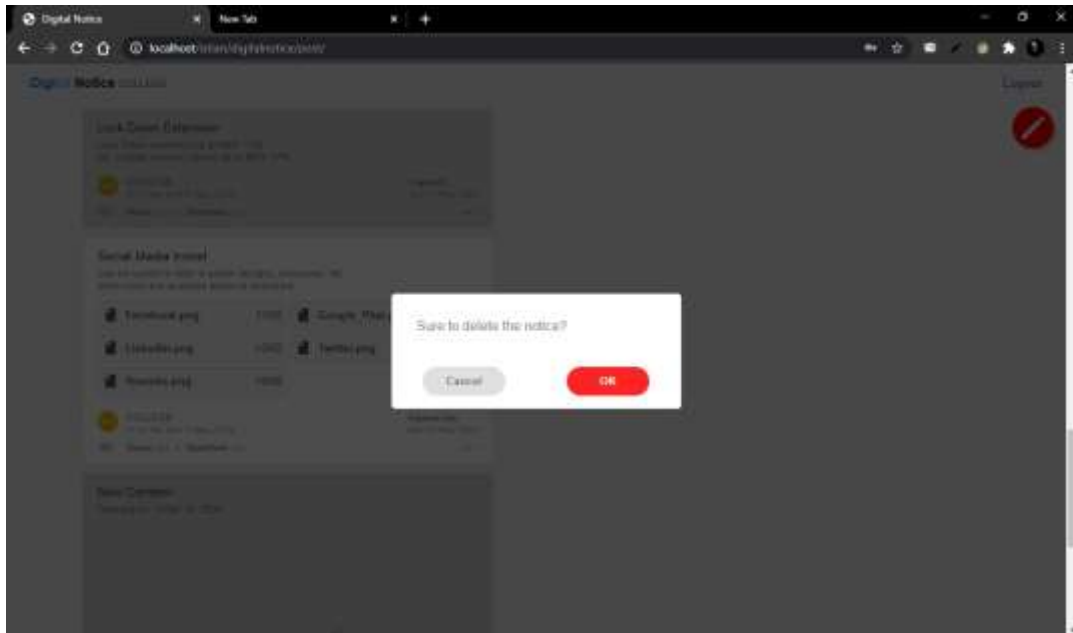


**Fig 4.32: Delete Posted notices or Expired notices**



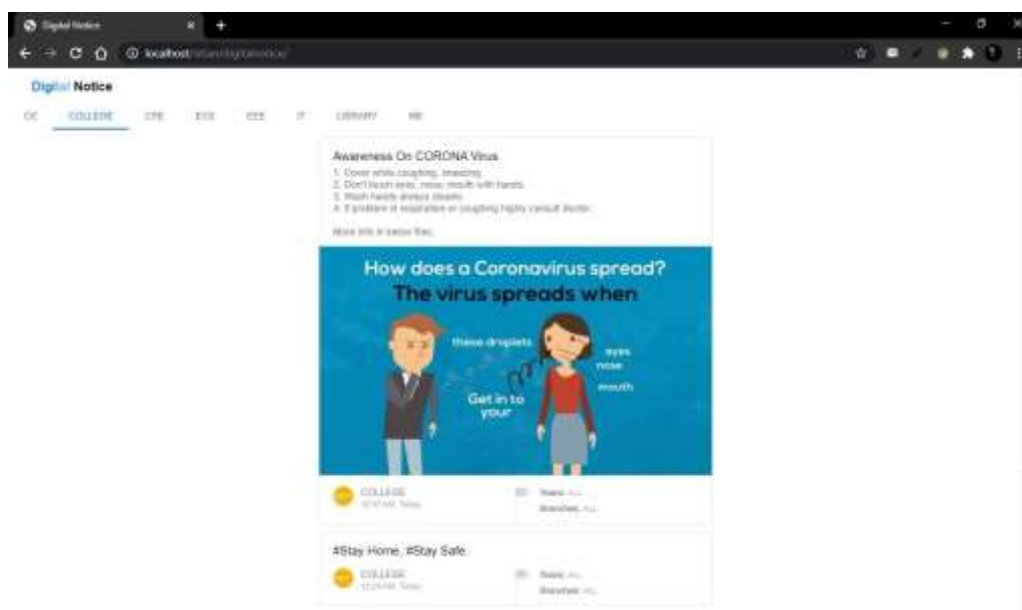


Pop up message will give the conformation whether the message is deleting or not as shown in Fig 4.33



**Fig 4.33: View Conformation message for deleting notice**

Notice can view according to branch and years wise as shown in Fig 4.34



**Fig 4.34: Digital Notice Board display**



## 5. CONCLUSION

To maintain effective communication between students and TPOs, a student profile and feed application was developed. Make some things simple and quick, such as student profiles. Maintaining a digital notice board allows every user in the respective college to receive information about the college even when they are not there is another benefit. A good application can win over potential users by preventing platform failures on a popular platform. In comparison to the current system, a student profile and feed application will be more time- and security-efficient. It can guarantee the security of the database-stored records.

## REFERENCES

This project gets on track to provide a solution for the need of digitalization in our institute. This is here is a small step that we are always aware of as digitalization is always has its path to more sensible ways.

### **DocLinks for programming languages used in the project up to now:**

HTML: [https://developer.mozilla.org/en-](https://developer.mozilla.org/en-US/docs/Web/HTML/CSS)

US/docs/Web/HTML/CSS: <https://developer.mozilla.org/en-US/docs/Web/CSS>

JavaScript: [https://developer.mozilla.org/en-](https://developer.mozilla.org/en-US/docs/Web/JavaScript/PHP)

US/docs/Web/JavaScript/PHP: <https://www.php.net/manual/en/>

### **Project repository link:**

<https://github.com/manoj-abhisargahas/istian.git>

the above link is for whole integrated project "istian" as two teams are working on it and our team academic project includes Student Android application and Digital Notice Web Application