

Replacing Notice Board with Mobile Apps in Higher Academic Institutions in India

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Abstract

Notice board is a primary thing in any academic institution. It is usually attached to a wall in order to display notices giving information about something. Having a notice board in the academic institution can be one constructive method of promoting important information to a large number of audiences, but it can also be interactive and exciting to use. But now mobile is taking over the world. For the first time ever, more users and specially students are accessing the Internet wirelessly using mobile devices. When the academic institutions are accepting information technology as the teaching curriculum and digitisation in learning practices, then definitely they have to implement the same in their administrative work as well. Notice board is one of the important source of communication and message delivery. In higher academic institutions the notice board can be replaced with mobile apps. The purpose of this research paper is to illustrate the role and importance of notice board mobile apps in academic institutions in India.

Keywords : Academic Institutions, Notice Board, Smart Phones & Internet, Mobile Apps, Information Systems, Communication.

Introduction

Notice Board is an important tool in academic institutions. A Notice Board is a board which is usually attached to a wall in order to display notices giving information about something. Having a notice board in the academic institution is one of the constructive method of promoting important information to a large number of students. Notice Board is also an important tool of communication and message delivery. The importance of a notice board can vary depending on its purpose.

Advantages of Notice Board in Academic Institutions :

- It's a great way for administrators and teachers to pin various types of information to display it for their students.
- Students can approach the board to get the information.
- Various types of information like Exam time tables, Conferences, Seminars, Achievements, Sports/Games Announcements, Exam Results, Legal Instructions, Placements information, Lost and Found information, Emergency Announcements can be displayed by using notice board.
- The students cannot claim that they were not informed about academic happenings.

Mobile Apps in India

The users of mobile broadband and internet are increasing worldwide. The region of Asia Pacific is having large number of mobile broadband subscriptions and internet users. The China is a top country with highest number of internet users followed by India. The global mobile data traffic is increasing tremendously. The region of Asia Pacific (APAC) is having most of the mobile data traffic. Overall growth of mobile devices (Laptops, Smartphones, Tablets, M2M, Non-Smartphones, Other Portable Devices) are increasing globally. Among all mobile devices, growth rate of smartphones is high. Growth rate of mobile internet technology (2G, 3G, 4G) is increasing globally. Out of that growth rate of 4G Technology is high.

According to the App Annie's forecast

There is accelerating growth for the Indian mobile app market. India's app store downloads to reach 20.1 billion by 2020. Adoption of smartphones by the rising middle class will continue to be a significant growth driver, as handset vendors intensify their focus on lower-tier cities. It founds that overall amount of time Indian consumers spend in apps has also more than doubled since 2014. Time spent in the top retail apps grew over 11x from 2014 to 2016. This increase in usage has also led to growth in spending, with mobile commerce.

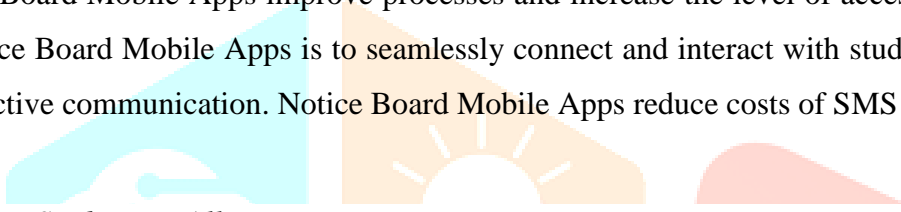
Advantages of Mobile Apps

- **Push notifications** : Mobile Apps enable you to send text messages to your subscribers.
- **Offline access** : Offline access is possible to read articles, listen to podcasts, or browse a product catalogue while travelling.
- **Great performance** : Mobile apps can help your audience get to your content faster, and keep them engaged better.
- **Less cluttered** : This depends on the website design, but apps tend to have less stuff.

Advantages of Notice Board Mobile Apps

Improve Process Efficiency

Notice Board Mobile Apps improve processes and increase the level of accessibility of the students. The point of Notice Board Mobile Apps is to seamlessly connect and interact with students, making it a valuable tool for an effective communication. Notice Board Mobile Apps reduce costs of SMS messages and paper newsletters.



Visible to Students at All Times

By designing and implementing Notice Board Mobile Apps, you will be visible to students at all times. The student doesn't need to visit campus to see physical notice board or to call teachers, administrators or to their friends about information. They can see the past and present notices/announcements on their smart phones by downloading Notice Board Mobile Apps. Even upcoming notices/announcements titles can also be displayed by the institutions so that the students can set their minds and manage their time efficiently.

Provide Value to Your Students

Students care is a major responsibility of every academic institution. The institutions provide updates on various topics, academic references and various events to keep engage and enhance the knowledge and expertise of their students. Notice Board Mobile Apps helps you to provide value to your students.

Improve Students Engagement

Notice Board Mobile Apps alert students about new notices and announcements. This creates an interest of students to download, open and view the Notice Board Mobile Apps. It result into students more and more engagement.

Ease of Sending Notifications

For the last couple of decades, email has been the most widely-used communication tool in academic institution. But now Notice Board Mobile Apps will help institutions to send notifications very easily.

Efficient Utilisation of Resources

Notice Board Mobile Apps help the academic institutions to reduce the work load, save the time, implement paperless messaging system, and avoid repetitive work.

New Branding Experience

Notice Board Mobile Apps help the academic institutions to build their brand in the academic sector. The positive feeling of students creates publicity of the institution. It enhances the reputation of the institution.

Notice Board Mobile Apps Architecture

1. Notice Classification :

Individual & General

Major Classification : Literature, Instructive, Warning, Announcements

Sub Classification : Lecture Time Table, Exam Time Table, Exam Results, Competition, Competition Results, Workshops, Seminars, Conferences, Various Warnings, Sports Announcements, Event Announcements, Vacations, Articles, Poems, Publications, News, Daily Quotes, Speech of day, Holiday Declaration, Annual Meetings, Parents Meeting, Students Awards/Ranking, Suggestions, Progress, Model Question Papers, Functions, Programs Information and Photos, Declaration, Announcements, Marks Sheet, Attendance , Fees Information, and etc.

2. Notice Format :

Once the format is designed for particular type of notice, there should be no need of re-design it, if not required. The same format can be utilised for the same type of notices. Ex. Lecture Time Tables, Exam Time Tables, etc.

3. Notice Details :

The Notice Details should have the information of Notice Major Type, Notice Sub Type, Notice Title, Notice Description, Notice Raised By, Department/Section, Notice Checked By, Notice Approved By, and Notice Date.

4. Notice Audience Details :

Notice Audience Details will specify the scope of raised notice by giving the Stream, Class, and Group of Students. Individual notices is also possible by sending an alert and email communication. Here the data will be captured from Student Information Systems about student's Mobile Number and Email ID to deliver them notifications.

5. Notice Error Details :

Sometimes the error may get occur in displayed notices. This can be intimated by the students, administrators or teachers. So this information should be captured under the title of 'Notice Error Details'.

6. Notice Suggestions Details :

Sometimes the suggestions may be received against any particular notice. This can be recorded in the information systems of mobile apps. This information should be captured under the title of 'Notice Suggestion Details'.

7. Notice Objection Details :

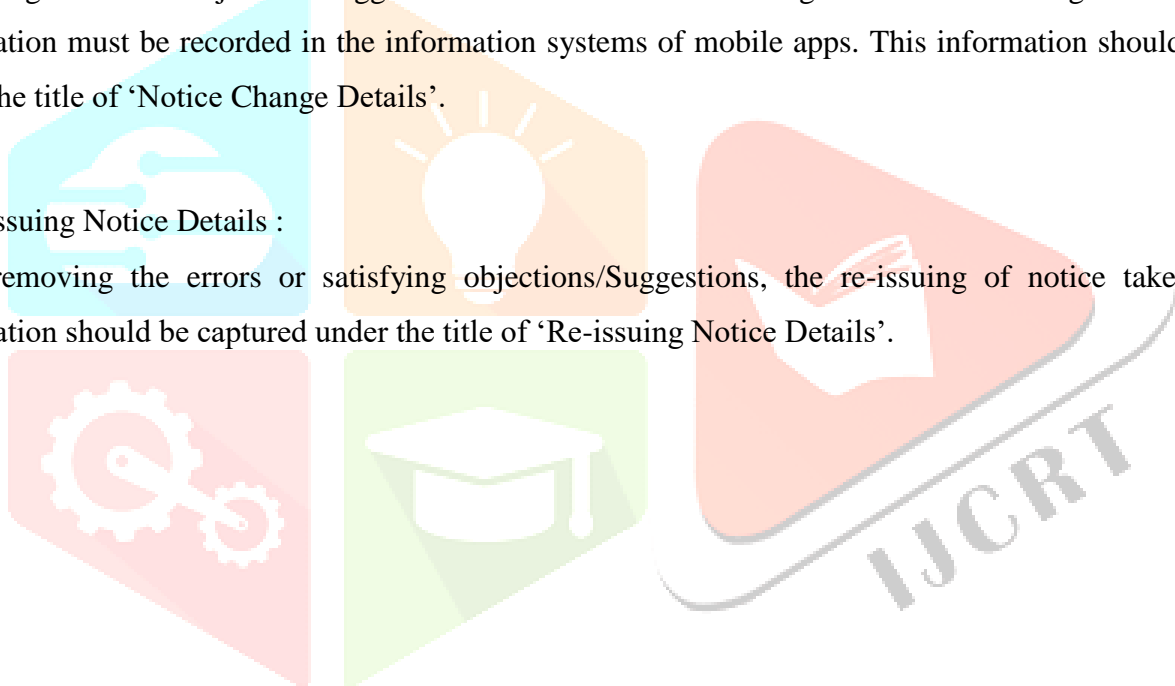
Sometimes the objections may be received against any particular notice. This can be recorded in the information systems of mobile apps. This information should be captured under the title of 'Notice Objection Details'.

8. Notice Change Details :

According to Errors/objections/suggestions the notice format changes or content changes take place. This information must be recorded in the information systems of mobile apps. This information should be captured under the title of 'Notice Change Details'.

9. Re-issuing Notice Details :

After removing the errors or satisfying objections/Suggestions, the re-issuing of notice take place. This information should be captured under the title of 'Re-issuing Notice Details'.



Following Reports can be easily generated By the Notice Board Mobile Apps :

1. Notice By Major Notice Types
2. Notice By Sub Notice Types
3. Notice By Department/Sections
4. Notice By Student
5. Notice By Student Class
6. Notice By Student Group
7. Notice By Education Faculty
8. Notice By Errors
9. Notice By Suggestions
10. Notice By Objections
11. Notice By Change
12. Notice By Re-issue

Conclusion :

Notice Board is an important tool for delivering messages in academic institutions. But now smartphones are there. The academic institutions have to take an advantage of it and should develop mobile apps to raise the student's related notices. Even they can develop a mobile based messaging system for their working staff as well. Notice Board Mobile Apps will help the institutions in student's constant engagement and building the brand of their institutions.

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