

# Android Based Notification App on e-Notify

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## ABSTRACT

The project named “e-Notify”, is an android project based on notices. The project is being developed on the basis of students for the ease of getting notices anywhere at any time. e-Notify app will send notification to the student about the new notices which has been posted. The application will retrieve this data and will display as per the user requirement. e-Notify is an app that gives you all the notifications on your own device. The students who have missed the lectures from the professors will now be able to attend the lectures. They won't miss a single lecture anymore! e-Notify will provide these lectures in the form of videos. These videos will be the lectures that will be taped by the professor and uploaded. Also, sometimes the students cannot find the desired study material. They may also need to refer to the book for just a few chapters and do not want to buy the book. This issue is also solved by e-Notify app. The app provides an access to the eBooks for all the subjects. One can download or simply view the eBooks from the app.

**Keywords:** Android, Notices, e-Notify

## I. INTRODUCTION

e-Notify App helps you access online notices on your phone. It is an online notice board maker where a group of people can easily access virtual notices. These notices can have text, images. The notice board has always been the place where students gather to check the recent notice. Sometimes it may cause a problem. Sometimes the notices added on the notice board may be overlapped by other papers or notices which may cause an inconvenience to the students. Also the students who might be absent may not be able to check the notice all-together. These problems can be overcome by e-Notify App. e-Notify brings the notice board to a virtual location where students can not only read notices, but immediately react and respond to them - from their own devices. With this electronic notice and announcement system, notification alerts may be sent out notifying the students that a new notice has been posted. In this way, e-Notify also serves as a mailing list for all student in the directory. This eliminates the need to keep a separate mailing list which is hard to maintain. e-Notify also gives additional features like eBooks and

Video lectures. eBooks provided by our app will help the students to access an online book or the book which is present online over the internet. If a student needs a new book but the book isn't available anywhere, then the student can easily get the book available on our app. He/she can also download the eBook. The videos provided by our app will be the videos of the lectures recorded by the professors. When a student misses out an important lecture but needs to attend it he won't be able to make it happen traditionally. So e-Notify app will help such students in such situations. We provide the lectures that are recorded by our professors on our app. The students can view and replay those lectures as and when needed. Admin is the only person who can add notices, eBooks, video lectures.

These are the features that an e-Notify App should have: An electronic dashboard board for disseminating information out to the students. Notices can be posted, with response obtained instantly. Announcements of all the upcoming events or functions will be uploaded which will be updated by the admin. The updates of the Seminars to be conducted by the college will also be done by updating the notices tab on the

app. The students will be able to view all the latest news about the exams like the exam dates, schedules and even the results.

## II. METHODS AND MATERIAL

### A. LITERATURE SURVEY

#### Existing System

The existing system for the notices follows off-line approach. In this system, the notices are pinned to the notice board. So, the student available in the campus can only read the notice.

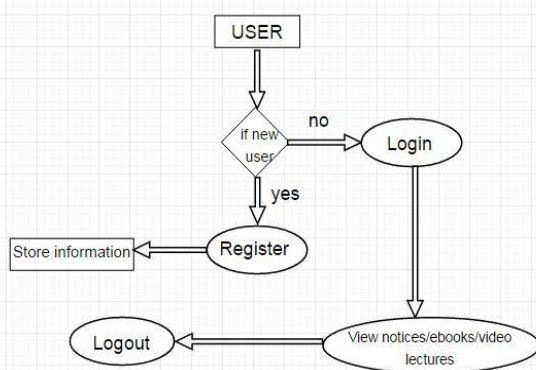
Currently our college has manual system of putting notices on notice board. It's outdated now. As nobody has a time to stand in rush in order to read the notices on notice board.

#### Limitations of Existing System

1. Order of Data: Notice can get out of order in traditional notice board system. If someone accidentally puts some data in the wrong place, it can lead to lost data. Automated notice management systems allow users to quickly check whether information already exists somewhere in the system which helps avoid problem like redundant data.

2. Complexity: Automated system is less complex than manual system of handling notices which can make it easier for untrained people to access and manipulate data. Anyone having the basic knowledge of mobiles can work on the automated system.

## III. RESULTS AND DISCUSSION



**Flow Chart**

3. Inconsistency of data: There will be unavailability for future use since notice might get misplaced during manual notices management. So notice won't be preserved properly for future.

4. Damage: Manual notices stack are vulnerable to damage. Destruction and theft in ways that digital database are not. A company may back up its digital data both on site and at offsite locations ensuring security if the office building suffered a fire or similar disaster. A manual database however may only exist in one place without any copies. As a result a manual database would be very vulnerable to a fire or other natural disaster. In addition while access time in a manual database system. Information must be found by hand rather than electronically. While a digital database will typically allow users to search the entire database for specific information in seconds. Someone looking for information in a manual system may have to spend hours searching for a particular piece of data.

5. Editing and Communication: Manual notices do not allow users to easily edit data or information. Manual notices often cannot be edited directly, forcing users to make new copies. To circulate notice on paper users must require peons and other staff. e-Notify app allow users to edit information file directly and because data is stored digitally. It is already in a form that can be easily transmitted.

#### Proposed System.

1. To eliminate wastage of time and energy: e-Notify app will be able to save lot of paper and time. It directs both teacher and pupil's energy and attention to one thing at a time by placing proper persons at their proper places at the proper time. Everything will be instantaneous.

2. To avoid duplication and overlapping: This application will help to remove the duplicity of notices. Only one person who is admin can post the notice. No one else would be able to do so. So student and staff will be given correct information all the time.

3. To ensure due attention of student to each and every notice: e-Notify App ensures that everyone has kind attention to every notice and updates going on in college. There will be a buzz at each and every notice to drive the attention of student to check it once. In this

way, students will be well informed about their college activities.

4. To bring system into college life: It would be dire need of all colleges as its easy and shortcut method to inform all the students. In the absence of proper notification system will make it very difficult to inform students at right time.

5. Searching a particular Notice: This application allows you search the notice very easily through title of notice. If anyone forgets about the notice details he can search it out very easily

6. Free Service: It gives free service to notify all the students. There will be no cost of sending notification to all. Just have the good system implemented in college and that too free of cost

7. Prevent Crowd in College: As you can see there is always a crowd at notice board. As notice board is one and people to see notice are more. With this application there will be no more crowd. Everyone will be well informed even at their homes. So they are free to do there other work.

8. Free E-books: The app provides an access to e-books. These eBooks would be free to access and would be much easier for the students. It will be convenient for the students who cannot buy books in paper from the bookstore.

9. Free Video Lectures: The video lectures feature provided in our app will be helpful to the students who want to learn the lectures from their teachers. These lectures can accessed anytime and from anywhere. The students who had missed the lectures can learn the missed lectures from the video lectures provided.

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