

ACE FORUM

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Abstract - Keeping in touch with MIET College is now easier and more enjoyable than ever before. With this app, you can check out branch details, to find out what's happening at branch. Everything you want to know about branch is now at your fingertips. This app is nothing but the bridge between teachers and students helping them find some great stuff. The feature like admin login makes this app reliable and right now there is no authentication for students. The admin can upload about notifications, academics, events and even chat facility is also given. The students have the facility to only view the information over the app whereas admin can view and as well as upload the contents respectively.

Keywords: Academics Module, Events Module, Notification Notification Module, Chat.

1. INTRODUCTION

We are introducing "ACE Forum" i.e. . ASSOCIATION OF COMPUTER ENGINEERING. Our application help us to get all information about branch. The computer department, faculties information, management information etc. & major events conducted. Students can see their time-table, syllabus, notice board's notification, placements etc. This app specializes in fulfilling the needs of MIET students. This includes your courses, timetable, syllabus, result and notices. Also in here you'll find changes day in day out in respect with your feedback and our constant care to not make you lose out on anything important. At the moment we serve the students of Faculty of Engineering and Technology. This App is nothing but the bridge between college and students helping them find some great stuff. The feature like ADMIN LOGIN AND STUDENT LOGIN make this app reliable and right now there is authentication for students. This app is updated very soon with lots of new feature. With this app, you can check out Campus News and the Events calendar to find out what's happening at MIET. In Chat option the student can ask queries to the Admin directly. The students can check out all the videos and Images, The Admin can upload the images of Timetable, college events, syllabus etc. The admin can upload notes which helps students. Admin can send the image of timetable but we The Developers also give the feature timetable where user see the different-different options for distinguish faculties. It belongs to Computer Department students and teachers only.

1.1 Objectives :

- To get latest news and updates about branch through notifications.
- Students can receive automatic notifications delivered straight to their mobile devices to help them stay informed.
- Provides admin login and admin dashboard.
- Provides individual account for each students. Students can share their ideas and views over app.
- To provide all semester wise details to all students at one go.
- Students can interact with faculties directly.

1.2 Problem Definition

The college information and all activities are currently viewed through college official website. It is difficult to check the information and all activities about college through mobile phones and the information can only get by accessing the college website. In the existing systems we found that the graphics of application is very eye throbbing so because of that it affect the eye of user. Because of its colorful GUI the application exhausted battery power. Due to some app the battery goes hot and this is harmful for user. The existing system is containing following features:

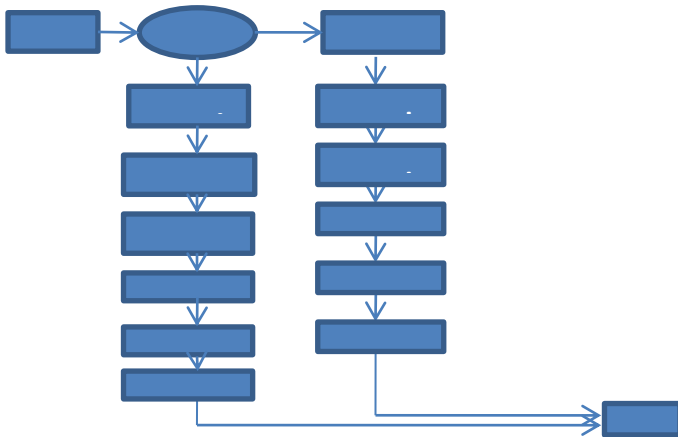
- Authentication
- Notification

2. RELATED WORK

In existing system, there was an Android application which was presented. There were two apps which were used which increase the time and reduce the accuracy of the app and make it work slowly. The project was basically about computer branch itself. It contains information about the computer branch. It was basically invented to reduce the manual work of the students as well as teachers. It covers various things such as notice board that

was replaced notifications, paper, syllabus, gallery was also included. The teacher has access to upload and view the content but students have restrictions to view content only. There were major drawbacks in our existing system that no direct communication was taking place in between faculty and students. There were major drawbacks so we proposed and implemented this project.

3. PROJECT SCOPE



Block diagram of proposed system

Following are some of the major scopes of our system:

1. View Academics

User can easily view the details inside of the academics such as timetable, attendance, syllabus and papers, notes and marks whereas faculty can upload and view the information.

2. Notifications

Instant Notification alert given by admin to the user. These notifications are uploaded by the admin which are separated by branch and semester respectively.

3. Events

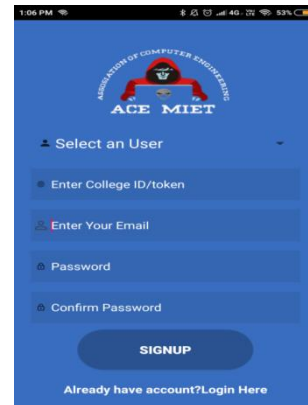
Events alert is given by admin to the user. It is similar as that of notification module but separate module is given in order to get all events details separately.

4. Chat

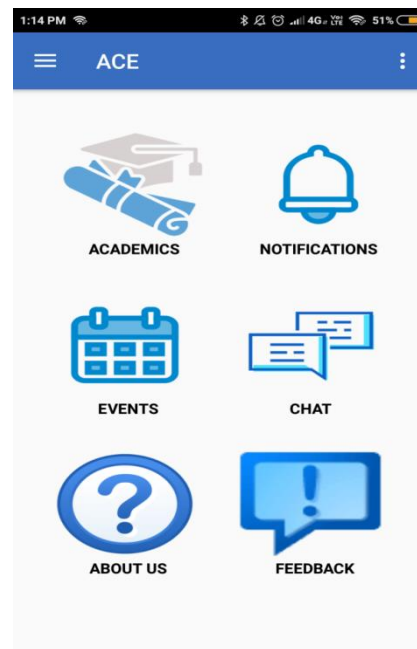
User can directly communicate with the admin respectively. If there is any doubt occurred by the user then it can directly communicate with the respective faculty to solve their doubts immediately.

3. SYSTEM ARCHITECTURE

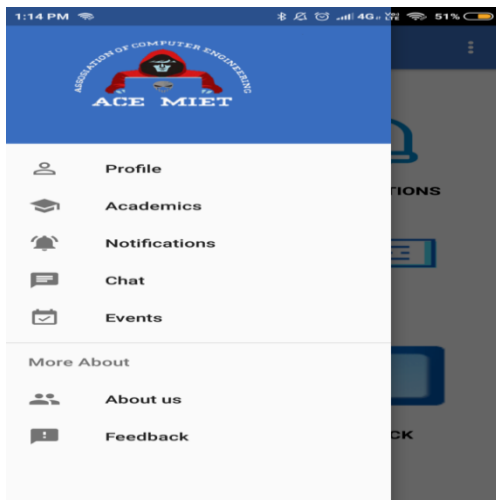
Registration and Login: - Given that the user has downloaded the application, then the user should select the user whether it is teacher or student if the user is student then it can directly signup and login process can take place but in case of the teacher login special tokens are given to the teachers itself so that they can be restricted by students use itself and the login process is similar for the teachers itself.



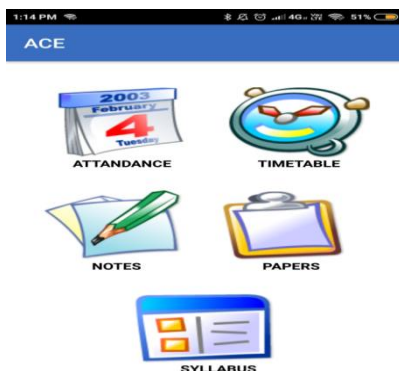
2. Dashboard:- After login page, Dashboard will display. Dashboard 5 main icons which are academics, notification, events, chat, about us and feedback. This dashboard is similar for students and teachers respectively.



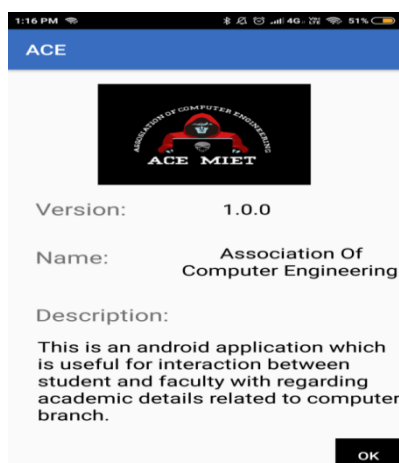
3. Menus:- After the display of dashboard, menus will appear. It contains main menus these are same as that of dashboard. In addition, profile is also included in menu. The profile upload is for the both the both students and teacher respectively.



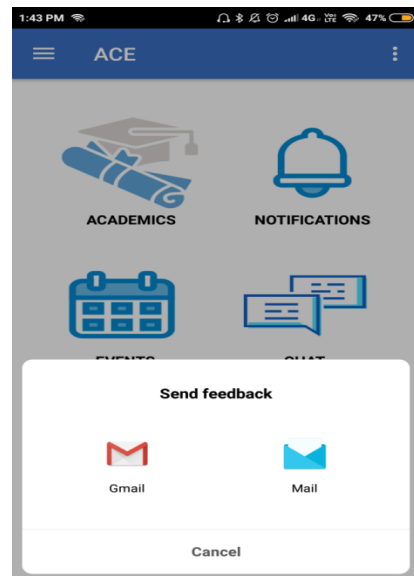
4. Academics:- After user opens academics, the academics displays five main icons attendance, timetable, notes, papers and syllabus and the user can only view these data. If the user is teacher then it can upload the various contents present in the module and view as well but students can only view the contents respectively.



5. About us:- About us form will help to show the information to make application easier to understand by user.



6. Feedback:- Feedback form will help to give their opinion over app.



4. CONCLUSION

This application offers reliability, time saving and easy control. It is a way to stay up to date on all important details related to branch. It helps the faculty and students to communicate with each other in the most efficient way. It helps the faculty to share various information about the branch in the most faster and efficient way. The proposed system provides the newer way of computing and displaying operations with responsive and attractive user interface.

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