

RAVEN – NOTIFIES YOU...

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Abstract—we have seen over the years students don't have a centralised place for assignments and practical write-ups and faces many problems during submission period. It becomes difficult for teachers to notify if any changes or reminder to students in last moment. The process is not only time consuming but also sometimes inefficient for delivering to the entire student at the same time. Today, we need not maintain pen and paper based system for every task that we need to do. Following this thought, we have proposed an Android mobile application integrating different functionality that is essential for students and teachers so as to minimise their task. This Android application will assist the students and teachers in their daily task on attendance and change in timetable is used for verification, authentication and to avoid proxy.

Index Terms— Students, Staff, Teachers, Parents, Android.

I. INTRODUCTION

We have seen over the years that the process of updating and notifying students regarding events, exams, lectures, submission etc. is getting difficult although many technologies evolved and communication is easy, but lacking the need for teachers for updating each every students is difficult, even though manual attendance has been carried out across almost all educational institutions. The process is not only time consuming but also sometimes inefficient resulting in wrong notification or miscommunication and even the false marking of attendance. Today, we need not have time to update or notify each and every student nor we have time to maintain pen and paper based attendance registers. Following this thought, we have proposed a platform for both teachers and student in an Android mobile application which will notify the notification to student and mean while calculate the attendance for teachers.

Our project aims at designing a student and teacher system which could effectively notify every student and manage attendance of students. Notification are notified by admin and co-admin to avoid the spam & attendance will be only taken & manage by teachers to regulate the laws and principle of respective schools, college, institutes and universities.

We have developed an application system which is faster in implementation than any other available today in the market. Although we are using this android system for student & teachers purpose in our project, the matching results are so

good that it could perform very well all over the world in all schools, colleges, institutes and universities.

II. LITERATURE SURVEY

In April 2016 the developer named Instin updated new version of existing application named myHomework student planner, Application is helpful to students for keeping track & plan on their assignments and homework. But this application does not help out with attendance. Nor beneficial for teachers in anyways. Application meant to made for only students, where students can plan their homework and assignments before due date.

In Sep 2016 the developer named Infinite Student updated new version of existing application named Infinite Student, Application was helpful for teachers who can Assign tests with the click of a button, Monitor a student's learning progress, Parents - Stay connected with student's school activities. But it's dis advantage where There are where no notifications, Student have to activate them manually, Student can only use if they have school or college code, so it means school or college itself have to register with application, hence application lacks feasibility.

In Oct 2016 the developer named Didactic Labs, S.L. updated new version of existing application named Teacher's Gradebook – Additio. It has good features like Appealing display of each day's schedule right at the application's start-up, Calendar to plan student teaching activities and combine it with students personal tasks. But after survey we found that Application is used for improving grades and application notifies only notifications which is already set and not the real time notification.

In Oct 2016 the developer named Classting Inc. updated new version of existing application named Classting, an application was secured and protected but had drawback i.e Students can upload only .jpg file and not any word document. We proposed the system which had overcome this problem.

III. EXISTING SYSTEM

There are very less applications that are fully dedicated for students and teachers that helps in daily activities. Due to some unavoidable situations if students won't be able to attend

lectures then they become unaware of important submission date and writing content itself and mean while its difficult for teachers to maintain manual attendance which is prone to human errors and time consuming. To overcome the shortcoming problems we decided to built a dedicated platform for both students and teachers which will help to overcome problems and helpful for both.

IV. PROPOSED SYSTEM

Our system primarily focuses on building an efficient and user friendly Android mobile application for student as well as for teacher. The application can be installed on the professor's phone as well as student's phone which runs android OS. It intends to provide an interface to the professor who wants to notify the students regarding about event, exams, submission etc. of a particular class of students. Even application can conduct & calculate attendance by the teachers, Apart from that the application would support strong user authentication and quick transmission of data. Another noticeable feature of the entire application is to give options to the user such as feedback provision & support.

Following points will make sure that notification & attendance is updated regularly & correctly, without any problem: Notification will be given by Admin and Co – admin to avoidspam by the users. Notification with high priority will be marked by Red, yellow & green.

Teachers will be taking attendance regularly and will be updated to the user whenever needed.

CONCLUSION

In this paper, an Android based mobile application for Minimizing and assisting Students and teachers daily college work load has been presented. The application offers reliability, time saving and easy control. It can be used by school going students. Timetable of examination, practical, unit Test, etc. can also be accessed by the group members. Thus as an personal secretary for both students and teachers can be made which will help in all daily activities of the students and teachers

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