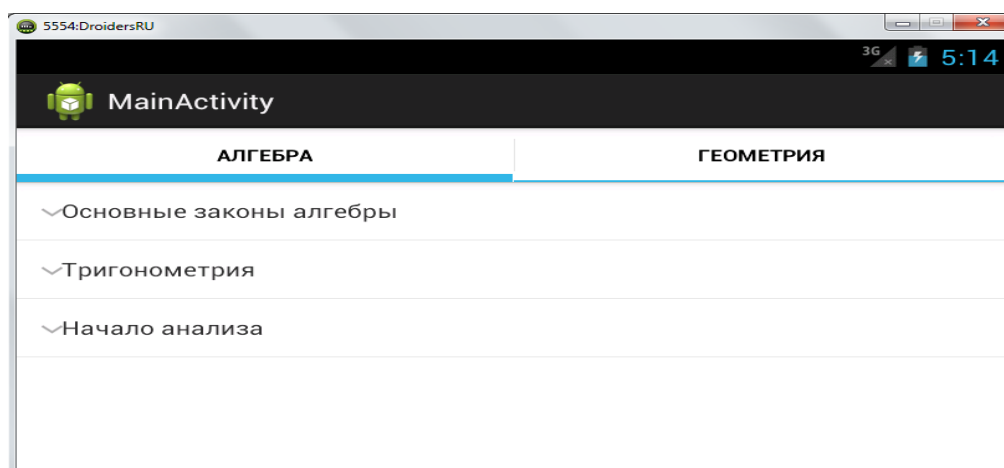
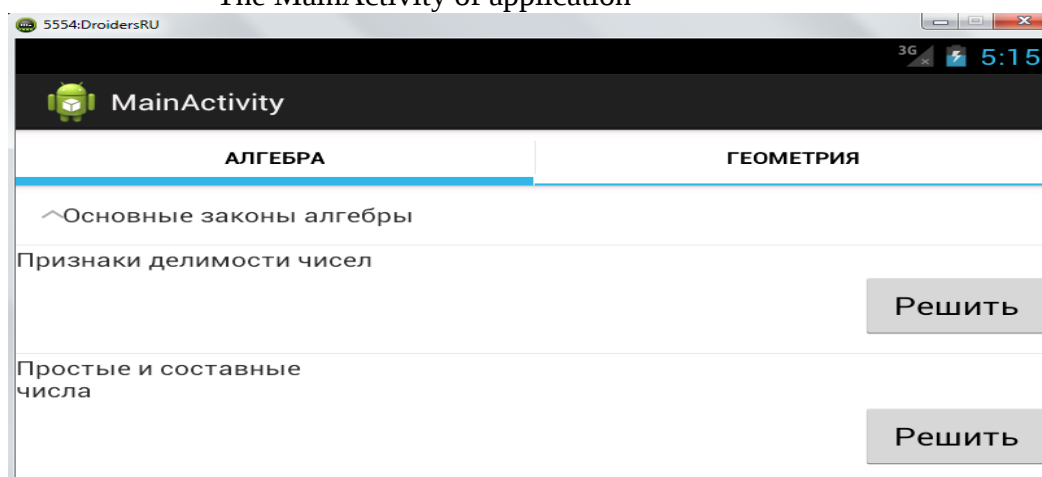




The MainActivity of application



List of topics

Conclusion

I think this handbook - solver will be useful to all students. It covered all the major topics in mathematics for preparation to Unified National Testing. Since this is an android application that you can install it on any phone. Now each student has the ability to find the right formula, as well as to check their knowledge. This application can use a Kazakh schools, and Russian. You can later add the other lessons related with UNT, and to make more functionality.

References:

- [1] - <http://filedir.com/android/books-reference/dtw-algebra-lite-for-android-2269480.html>
- [2] - <http://filedir.com/android/education/math-helper-lite-for-android-2388784.html>
- [3] - <https://itunes.apple.com/us/app/graphing-calculator-pro/id411678877?mt=8>
- [4] - http://series40.kiev.ua/java_progs/13493-matematicheskijj-reshatel-240320.html

УДК: 004.425

Mobile Attendance Checker
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ABSTRACT

During the education in universities many are faced with the problem of traffic and its control. Moreover checking attendance at lectures with lots of students during the lecture is difficult.

This mobile application allows you to check the attendance of any class, meeting (if necessary), lectures, or even in the workplace, and will help to collect more accurate information than the normal inspection visits, as this application takes a picture of each student.

BACKGROUND

 Today's engineering technology students have grown up in a very different environment from the students of about 20 years ago. They access information and engage in social contact through digital media and they often have almost instant access to this digital media through portable, wireless devices. There is a thought that with this greater connectivity they may not respond in the same manner to the teaching methods of past generations of students. More specifically, the students of today may not feel the same need to be physically present in their classes in order to be successful.

So, a formal research of engineers of Eastern Washington University investigates the relationship between students' class attendance and their overall grades in multiple computer science classes. The correlation between attendance of the first class and the overall grade is also examined. The Pearson Correlation analysis was performed to analyze the data. The results show that a student's overall grade highly correlates with his or her class attendance.

Based on the results of this studies, we can easily make a conclusion that the attendance of classes is very important as for teachers, so as for students, too.

Yet another fact, that made me think about attendance system, is that lecture halls in Suleyman Demirel University became big, so that lectures can attend much more students than it was in past; but for lecturers it became not so easy and fast to check attendance of about hundred students.

For these reasons I tried to solve the problem of attendance checking by Android-based mobile application - Mobile Attendance Checker (MAC).

METHODOLOGY

The most primitive and the first way of checking attendance in the history of attendance inspections - manual: the teacher / lecturer / checker calls the names of students / participants with the approved list in the journal of attendance, and makes corresponding markings in it (such as abs.). Such verification is relevant to the present day in the schools.

Another no less common method is the same check (roll call), but the only difference is that the list is submitted in electronic form (Excel spreadsheet, Google Docs, etc.), and labeling are done there.

With tremendously fast development of information technology and computers there began to appear and widely applied systems that are based on identification numbers, cards and biometrics.

Along with these advanced verification technologies, due to the increasing use of mobile and handheld devices have become widely distributed mobile systems of attendance check.

For this diploma thesis mobile check system was not chosen by chance. First of all, today, we all have mobile devices such as phones and tablets. Second, biometric and card check methods are too expensive - you should purchase the equipment to every lecture hall and rooms.

And the last thing, that is also important for solving this problem – is an operation system and language, in which this application will be written. I have selected Android, because it is the most popular and fast-developing operational system in the whole mobile OS market. Thus, it is more likely that the users will have Android-based mobile phones. But, of course, this application could be extended and upgraded to support by another operational systems, too.

RESULTS

Mobile Attendance Checker (MAC) allows to check attendance by taking a photo of each student during the lesson/lecture/meeting, that will be saved at appropriate database on the given device or computer. Thus, user can have access to the students' attendance list of past lectures/meetings at any time, and re-check the attendance by photos existing in database.

DISCUSSION

MAC pursues several key objectives:

- To release, or at least to reduce the time it takes to check attendance by lecturer;
- Make checks more reliable;
- Organize and automate verification of attendance;
- Make it possible to re-check attendance of lectures held at a convenient time for the teacher.

REFERENCES

1. Moore R., Attendance: Are Penalties More Effective Than Rewards? Journal of Developmental Education 2005; 29(2): 26-32.
2. 14. Moore R. Attendance and Performance. Journal of College Science Teaching. March 2003; 32(6):367.
3. College Teaching Methods & Styles Journal – January 2008; Vol. 4, No 1
4. AC 2012-3756: A Formal Research Study On Correlating Student Attendance To Student Success
5. International Journal on Advances in Life Sciences, vol 2 no 1 & 2, year 2010, http://www.iariajournals.org/life_sciences/

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CCNA assessment test for Android
Umargaliyev A

Application for mobile with android platform. Android was publicly announced on November 5, 2007, followed by the SDK release on November 12th, 2007. A few days later, HelloAndroid.com comes out with an Application Database, which could be considered the first Android catalog. Around the same time, a couple other guys and I form SlideME, starting work on an application manager and portal for Android. We decide to enter the ADC I with our solution.

On March 20th, Sadko Mobile announces “DroidStor”, a commercial solution.

TrackDroid releases on April 4th 2008. This was the first release of an Android client for installing applications. As far as I can tell, they are completely defunct now. SlideME releases one week later. A few hours after our announce, HelloAndroid announces they are going to be entering the content delivery space, turning their catalog into a delivery system. So that's how this tiny space looked in April of 2008: three little guys looking to duke it out. DroidStor is a big unknown.

We soon find that many Android developers don't know what an application manager is, nor do they consider it very important. So we go to the lists explaining the concept, which many developers struggle with initially. But the general consensus is that they like the idea of downloading and managing applications, but they want Google to do it instead. Inside SlideME, we refer to this as Googleitis, a disease which still inflicts itself across the Android community.

And then in May, Google announces they are coming up with an application gallery (App Store). We are left with a buggy SDK (very buggy in regards to installing) and a genuine wonderment as to whether Google is really going to open the platform; so we wait, not doing much in the way of development.

July 10th, Apple launches their store. The Android SDK is still closed, with no public releases.