МИНИСТЕРСТВО ОБРАЗОВАНИЯ И НАУКИ РОССИЙСКОЙ ФЕДЕРАЦИИ

Федерально автономное образовательное учреждение высшего образования

«Севастопольский государственный университет»

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курс 3 группа ИС/б-31-о

09.03.02 Информационные системы и технологии (уровень бакалавриата)

ОТЧЕТ

по лабораторной работе №8

по дисциплине «Мобильные ИТ»

на тему «Уведомления»

Отметка о зачете \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_

(дата)

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Севастополь 2017

1. ЦЕЛЬ РАБОТЫ

Изучить основы работы с уведомлениями.

1. ИСХОДНЫЙ КОД

MainActivity.java

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| |  |  | | --- | --- | | 1 | package ru.justnero.sevsu.s3.mit.e8; | | 2 |  | | 3 | import *android.content.Intent*; | | 4 | import *android.os.Bundle*; | | 5 | import *android.support.v7.app.AppCompatActivity*; | | 6 | import *android.view.View*; | | 7 | import *android.widget.Button*; | | 8 | import *android.widget.DatePicker*; | | 9 | import *android.widget.EditText*; | | 10 | import *android.widget.Switch*; | | 11 | import *android.widget.TimePicker*; | | 12 |  | | 13 | import *java.util.Calendar*; | | 14 |  | | 15 | public class MainActivity extends *AppCompatActivity* implements *View*.*OnClickListener* { | | 16 |  | | 17 | *Switch* switchTimeDate; | | 18 | *TimePicker* timePicker; | | 19 | *DatePicker* datePicker; | | 20 | *Button* btnSet; | | 21 | *EditText* etMessage; | | 22 |  | | 23 | *@Override* | | 24 | protected *void* onCreate(*Bundle* *savedInstanceState*) { | | 25 | super.onCreate(savedInstanceState); | | 26 | setContentView(*R*.layout.activity\_main); | | 27 |  | | 28 | *InitializeView*(); | | 29 | try { | | 30 | stopService(new *Intent*(this, *MyService*.class)); | | 31 | } catch (*Exception* e) { | | 32 |  | | 33 | } | | 34 | startService(new *Intent*(this, *MyService*.class)); | | 35 | } | | 36 |  | | 37 | private *void* InitializeView() { | | 38 | switchTimeDate = (*Switch*) findViewById(*R*.id.switchTimeDate); | | 39 | switchTimeDate.setOnClickListener(this); | | 40 |  | | 41 | timePicker = (*TimePicker*) findViewById(*R*.id.timePicker); | | 42 | datePicker = (*DatePicker*) findViewById(*R*.id.datePicker); | | 43 |  | | 44 | btnSet = (*Button*) findViewById(*R*.id.btnSet); | | 45 | btnSet.setOnClickListener(this); | | 46 |  | | 47 | etMessage = (*EditText*) findViewById(*R*.id.etMessage); | | 48 |  | | 49 | timePicker.setVisibility(*View*.VISIBLE); | | 50 | datePicker.setVisibility(*View*.INVISIBLE); | | 51 | } | | 52 |  | | 53 | *@Override* | | 54 | public *void* onClick(*View* *v*) { | | 55 | switch (v.getId()) { | | 56 | case *R*.id.btnSet: { | | 57 | if (switchTimeDate.isChecked()) { | | 58 | *MyService*.list.add(new *Alarm*(timePicker.getHour() \* 100 + timePicker.getMinute(), null, etMessage.getText().toString())); | | 59 | } else { | | 60 | *Calendar* calendar = *Calendar*.getInstance(); | | 61 | calendar.set(datePicker.getYear(), datePicker.getMonth(), datePicker.getDayOfMonth()); | | 62 | *MyService*.list.add(new *Alarm*(0, calendar, etMessage.getText().toString())); | | 63 | } | | 64 | break; | | 65 | } | | 66 | case *R*.id.switchTimeDate: { | | 67 | if (switchTimeDate.isChecked()) { | | 68 | timePicker.setVisibility(*View*.VISIBLE); | | 69 | datePicker.setVisibility(*View*.INVISIBLE); | | 70 | } else { | | 71 | timePicker.setVisibility(*View*.INVISIBLE); | | 72 | datePicker.setVisibility(*View*.VISIBLE); | | 73 | } | | 74 | break; | | 75 | } | | 76 | } | | 77 | } | | 78 | } | |  |

ВЫВОДЫ

В ходе лабораторной работы были изучены основы работы с уведомлениями.