```
package edu.seaaddicts.brockbutler.scheduler;
 2
 3
     import java.text.SimpleDateFormat;
 4
     import java.util.ArrayList;
 5
     import java.util.Calendar;
 6
     import java.util.Date;
 7
     import java.util.Locale;
 8
q
     import android.app.Activity;
10
     import android.app.DatePickerDialog;
11
     import android.app.Dialog;
12
     import android.os.Bundle;
     import android.util.Log;
13
14
     import android.view.View;
15
     import android.view.View.OnClickListener;
16
     import android.view.WindowManager;
17
     import android.widget.ArrayAdapter;
     import android.widget.Button;
18
19
     import android.widget.DatePicker;
20
     import android.widget.EditText;
21
     import android.widget.Spinner;
22
     import android.widget.TextView;
23
     import edu.seaaddicts.brockbutler.R;
24
     import edu.seaaddicts.brockbutler.coursemanager.Course;
2.5
     import edu.seaaddicts.brockbutler.coursemanager.CourseHandler;
26
27
     public class AddTaskActivity extends Activity {
28
       private static final String TAG = "AddTaskActivity";
29
       private static final int DATE_DIALOG_ID = 0;
30
31
       private Button mDueDateButton;
32
       private Button mSaveButton;
33
       private Button mCancelButton;
34
35
       private ArrayList<Course> mRegCourses;
36
       private TextView mDueDateTextView;
37
38
       private EditText mTaskTitle;
39
       private EditText mTaskWeight;
40
       private EditText mTaskBase;
41
       private EditText mTaskMark;
42
43
       private Spinner mCourseSpinner;
44
       private Spinner mPrioritySpinner;
45
46
       private CourseHandler mCourseHandle = null;
47
48
       private int mYear;
49
       private int mMonth;
50
       private int mDay;
51
52
       @Override
53
       protected void onCreate(Bundle savedInstanceState) {
54
         super.onCreate(savedInstanceState);
55
         setContentView(R.layout.activity_add_task);
56
         this.getWindow().setSoftInputMode(
57
             WindowManager.LayoutParams.SOFT_INPUT_STATE_ALWAYS_HIDDEN);
58
         init();
59
       }
60
61
62
        * Initialize all views and sets Button OnClickListeners.
63
64
       private void init() {
65
66
          * CourseHandler
67
         mCourseHandle = new CourseHandler(this);
68
69
70
71
          * Buttons
```

```
72
           * /
 73
          mDueDateButton = (Button) findViewById(R.id.add_task_due_date_button);
 74
          mSaveButton = (Button) findViewById(R.id.add task save button);
 75
          mCancelButton = (Button) findViewById(R.id.add_task_cancel_button);
 76
 77
           * TextViews
 78
 79
 80
          mDueDateTextView = (TextView) findViewById(R.id.add_task_date_textview);
 81
 82
           * Spinners
 83
           * /
 84
          mPrioritySpinner = (Spinner) findViewById(R.id.add_task_priority_spinner);
 85
 86
          mCourseSpinner = (Spinner) findViewById(R.id.add_task_course_spinner);
 87
 88
           * EditTexts
 89
 90
 91
          mTaskTitle = (EditText) findViewById(R.id.add_task_title);
 92
          mTaskWeight = (EditText) findViewById(R.id.task_weight);
 93
          mTaskBase = (EditText) findViewById(R.id.task_base);
 94
          mTaskMark = (EditText) findViewById(R.id.task_mark);
 95
 96
          mRegCourses = mCourseHandle.getRegisteredCourses();
 97
          ArrayList<String> cs = new ArrayList<String>();
 98
 99
100
           * ArrayList of Course Strings in format: SUBJECT CODE
101
102
          for (int i = 0; i < mRegCourses.size(); i++) {</pre>
103
            cs.add(mRegCourses.get(i).mSubject + " " + mRegCourses.get(i).mCode);
104
          }
105
106
107
           * Set the course Spinner
           * /
108
109
          mCourseSpinner.setAdapter(new ArrayAdapter<String>(this,
110
              android.R.layout.simple_spinner_dropdown_item, cs));
111
112
           * DatePicker stuff.
113
114
115
          final Calendar cal = Calendar.getInstance();
116
          mYear = cal.get(Calendar.YEAR);
117
          mMonth = cal.get(Calendar.MONTH);
118
          mDay = cal.get(Calendar.DAY_OF_MONTH);
119
120
121
           * OnClickListeners
122
123
124
          // Deprecated but easier than alternative.
125
          mDueDateButton.setOnClickListener(new OnClickListener() {
126
            @SuppressWarnings("deprecation")
127
            public void onClick(View v) {
128
              showDialog(DATE_DIALOG_ID);
129
          });
130
131
          mSaveButton.setOnClickListener(new OnClickListener() {
132
133
            public void onClick(View v) {
134
              Task t = new Task();
135
              t.mSubj = mRegCourses.get(mCourseSpinner
136
                   .getSelectedItemPosition()).mSubject;
137
              t.mCode = mRegCourses.get(mCourseSpinner
138
                   .getSelectedItemPosition()).mCode;
139
              t.mName = mTaskTitle.getText().toString();
140
              // Lower == higher priority
141
              t.mPriority = mPrioritySpinner.getSelectedItemPosition();
142
              t.mDueDate = mDueDateTextView.getText().toString();
```

```
144
              try {
145
                t.mWeight = Float.parseFloat(mTaskWeight.getText())
146
                     .toString());
147
                t.mBase = Float.parseFloat(mTaskBase.getText().toString());
148
                t.mMark = Float.parseFloat(mTaskMark.getText().toString());
149
              } catch (NumberFormatException e) {
150
                Log.e(TAG,
151
                     "It is OK, we just had a blank field when parsing a float.");
152
              }
153
154
              // Get current date
155
              SimpleDateFormat dateFormat = new SimpleDateFormat("yyyy/MM/dd", Locale.
              CANADA);
156
              Date date = new Date();
157
              t.mCreationDate = dateFormat.format(date);
158
              mCourseHandle.addTask(t);
159
              onBackPressed();
160
161
          });
162
163
          mCancelButton.setOnClickListener(new OnClickListener() {
164
            public void onClick(View v) {
165
               // Do nothing.
166
              onBackPressed();
167
168
          });
        }
169
170
171
172
         * (non-Javadoc)
173
         * @see android.app.Activity#onCreateDialog(int)
174
175
176
                Overridden method to handle multiple dialogs that may be created
177
                from this activity.
         * /
178
179
        @Override
        protected Dialog onCreateDialog(int id) {
180
181
          switch (id) {
182
          case DATE_DIALOG_ID:
183
            return new DatePickerDialog(this, mDatePickerListener, mYear,
184
                mMonth, mDay);
185
186
          return null;
187
        }
188
189
        /**
190
         * Retrieves date set from DatePickerDialog and sets TextView in this
191
         * activity.
192
193
        private DatePickerDialog.OnDateSetListener mDatePickerListener = new
        DatePickerDialog.OnDateSetListener() {
194
195
          public void onDateSet(DatePicker view, int selectedYear,
              int selectedMonth, int selectedDay) {
196
197
            mYear = selectedYear;
            mMonth = selectedMonth + 1; // Since index starts at 0 and there is
198
199
                           // no 0th month.
200
            mDay = selectedDay;
201
202
            // Set TextView in this activity.
203
            if (mMonth < 10) {
204
              if (mDay < 10) {
205
                mDueDateTextView.setText(new StringBuilder().append(mYear)
206
                     .append("/").append(0).append(mMonth).append("/")
207
                     .append(0).append(mDay));
208
              } else
                mDueDateTextView.setText(new StringBuilder().append(mYear)
209
                     .append("/").append(0).append(mMonth).append("/")
210
211
                     .append(mDay));
```

```
} else if (mMonth > 9) {
213
              if (mDay < 10) {
                mDueDateTextView.setText(new StringBuilder().append(mYear)
214
215
                     .append("/").append(mMonth).append("/").append(0)
216
                     .append(mDay));
217
              } else
218
                mDueDateTextView.setText(new StringBuilder().append(mYear)
                     .append("/").append(mMonth).append("/")
219
220
                     .append(mDay));
            }
221
222
223
         }
224
        };
225
226
      }
227
```

```
package edu.seaaddicts.brockbutler.scheduler;
 2
 3
     import java.text.SimpleDateFormat;
 4
     import java.util.ArrayList;
 5
     import java.util.Date;
 6
     import java.util.Locale;
 7
 8
     import android.app.Activity;
q
     import android.app.DatePickerDialog;
10
     import android.app.Dialog;
11
     import android.os.Bundle;
     import android.util.Log;
12
     import android.view.View;
13
14
     import android.view.View.OnClickListener;
15
     import android.view.WindowManager;
16
     import android.widget.ArrayAdapter;
     import android.widget.Button;
17
     import android.widget.DatePicker;
18
19
     import android.widget.EditText;
20
     import android.widget.Spinner;
21
     import android.widget.TextView;
22
     import edu.seaaddicts.brockbutler.R;
23
     import edu.seaaddicts.brockbutler.coursemanager.Course;
24
     import edu.seaaddicts.brockbutler.coursemanager.CourseHandler;
2.5
26
     public class ModifyTaskActivity extends Activity {
27
       private static final String TAG = "ModifyTaskActivity";
28
       private static final int DATE_DIALOG_ID = 0;
29
30
       private Button mDueDateButton;
31
       private Button mSaveButton;
32
       private Button mCancelButton;
33
34
       private ArrayList<Course> mRegCourses;
35
       private TextView mDueDateTextView;
36
37
       private EditText mTaskTitle;
38
       private EditText mTaskWeight;
39
       private EditText mTaskBase;
40
       private EditText mTaskMark;
41
42
       private Spinner mCourseSpinner;
43
       private Spinner mPrioritySpinner;
44
45
       private CourseHandler mCourseHandle = null;
46
47
       private int mYear;
48
       private int mMonth;
49
       private int mDay;
50
       private int mAssign;
51
       private int mIsDone;
52
53
       @Override
       protected void onCreate(Bundle savedInstanceState) {
54
55
         super.onCreate(savedInstanceState);
56
         setContentView(R.layout.activity_add_task);
         this.getWindow().setSoftInputMode(WindowManager.LayoutParams.
57
         SOFT_INPUT_STATE_ALWAYS_HIDDEN);
58
         init();
59
       }
60
61
62
        * Initialize all views and sets Button OnClickListeners.
63
64
       private void init() {
65
         Bundle bundle = this.getIntent().getExtras();
66
         mAssign = bundle.getInt("assign");
67
         mIsDone = bundle.getInt("is_done");
68
          * CourseHandler
69
          * /
70
```

```
mCourseHandle = new CourseHandler(this);
 72
 73
          /*
 74
           * Buttons
           */
 75
 76
          mDueDateButton = (Button) findViewById(R.id.add_task_due_date_button);
 77
          mSaveButton = (Button) findViewById(R.id.add_task_save_button);
 78
          mCancelButton = (Button) findViewById(R.id.add_task_cancel_button);
 79
 80
 81
           * TextViews
 82
 83
          mDueDateTextView = (TextView) findViewById(R.id.add_task_date_textview);
 84
 85
           * Spinners
 86
           * /
 87
          mPrioritySpinner = (Spinner) findViewById(R.id.add_task_priority_spinner);
 88
 89
          mPrioritySpinner.setSelection(bundle.getInt("priority"));
 90
          mCourseSpinner = (Spinner) findViewById(R.id.add_task_course_spinner);
 91
 92
           * EditTexts
 93
 94
 95
          mTaskTitle = (EditText) findViewById(R.id.add_task_title);
 96
          mTaskTitle.setText(bundle.getString("title"));
 97
          mTaskWeight = (EditText) findViewById(R.id.task_weight);
 98
          mTaskWeight.setText(bundle.getFloat("weight")+"");
 99
          mTaskBase = (EditText) findViewById(R.id.task_base);
100
          mTaskBase.setText(bundle.getFloat("base")+"");
101
          mTaskMark = (EditText) findViewById(R.id.task_mark);
102
          mTaskMark.setText(bundle.getFloat("mark")+"");
103
104
          mRegCourses = mCourseHandle.getRegisteredCourses();
105
          ArrayList<String> cs = new ArrayList<String>();
106
107
           * ArrayList of Course Strings in format: SUBJECT CODE
108
109
110
          String course = bundle.getString("course");
111
          int pos = 0;
          for (int i = 0; i < mRegCourses.size(); <math>i++) {
112
            String c = mRegCourses.get(i).mSubject + " " + mRegCourses.get(i).mCode;
113
114
            cs.add(c);
115
            if (c.equals(course))
116
              pos = i;
117
          }
118
119
120
           * Set the course Spinner
121
122
          mCourseSpinner.setAdapter(new ArrayAdapter<String>(this,
123
              android.R.layout.simple_spinner_dropdown_item, cs));
124
125
          mCourseSpinner.setSelection(pos);
126
127
           * DatePicker stuff.
128
129
          mYear = bundle.getInt("year");
130
131
          mMonth = bundle.getInt("month");
132
          mDay = bundle.getInt("day");
133
134
135
           * OnClickListeners
136
137
138
          // Deprecated but easier than alternative.
139
          mDueDateButton.setOnClickListener(new OnClickListener() {
140
            @SuppressWarnings("deprecation")
141
            public void onClick(View v) {
```

```
showDialog(DATE_DIALOG_ID);
143
            }
144
          });
145
146
          mSaveButton.setOnClickListener(new OnClickListener() {
147
            public void onClick(View v) {
148
              Task t = new Task();
149
              t.mAssign = mAssign;
150
              t.mIsDone = mIsDone;
151
              t.mSubj = mRegCourses.get(mCourseSpinner
152
                   .getSelectedItemPosition()).mSubject;
153
              t.mCode = mRegCourses.get(mCourseSpinner
154
                   .getSelectedItemPosition()).mCode;
155
              t.mName = mTaskTitle.getText().toString();
              // Lower == higher priority
156
157
              t.mPriority = mPrioritySpinner.getSelectedItemPosition();
158
              t.mDueDate = mDueDateTextView.getText().toString();
159
160
              try {
                t.mWeight = Float.parseFloat(mTaskWeight.getText().toString());
161
162
                t.mBase = Float.parseFloat(mTaskBase.getText().toString());
163
                t.mMark = Float.parseFloat(mTaskMark.getText().toString());
164
              } catch (NumberFormatException e) {
165
                Log.e(TAG, "It is OK, we just had a blank field when parsing a float.");
166
167
168
              // Get current date
              SimpleDateFormat dateFormat = new SimpleDateFormat("yyyy/MM/dd", Locale.
169
              CANADA);
170
              Date date = new Date();
171
              t.mCreationDate = dateFormat.format(date);
172
              mCourseHandle.addTask(t);
173
              onBackPressed();
            }
174
          });
175
176
177
          mCancelButton.setOnClickListener(new OnClickListener() {
178
            public void onClick(View v) {
179
              // Do nothing.
180
              onBackPressed();
            }
181
182
          });
183
184
          setDueDateText();
185
        }
186
187
188
         * (non-Javadoc)
189
190
         * @see android.app.Activity#onCreateDialog(int)
191
192
                Overridden method to handle multiple dialogs that may be created
193
                from this activity.
         * /
194
195
        @Override
        protected Dialog onCreateDialog(int id) {
196
197
          switch (id) {
198
          case DATE_DIALOG_ID:
199
            return new DatePickerDialog(this, mDatePickerListener, mYear,
200
                mMonth, mDay);
201
          }
202
          return null;
203
        }
204
205
206
         * Retrieves date set from DatePickerDialog and sets TextView in this
207
         * activity.
208
        private DatePickerDialog.OnDateSetListener mDatePickerListener = new
209
        DatePickerDialog.OnDateSetListener() {
210
```

```
public void onDateSet(DatePicker view, int selectedYear,
212
              int selectedMonth, int selectedDay) {
213
            mYear = selectedYear;
214
            mMonth = selectedMonth + 1; // Since index starts at 0 and there is
215
                           // no 0th month.
216
            mDay = selectedDay;
217
            setDueDateText();
218
219
         }
        };
220
221
222
        private void setDueDateText(){
223
          // Set TextView in this activity.
          if (mMonth < 10) {
224
225
            if (mDay < 10) {
226
              mDueDateTextView.setText(new StringBuilder().append(mYear)
227
                   .append("/").append(0).append(mMonth).append("/")
228
                   .append(0).append(mDay));
229
            } else
230
              mDueDateTextView.setText(new StringBuilder().append(mYear)
231
                   .append("/").append(0).append(mMonth).append("/")
232
                   .append(mDay));
          } else if (mMonth > 9) {
233
234
            if (mDay < 10) {
              mDueDateTextView.setText(new StringBuilder().append(mYear)
235
236
                   .append("/").append(mMonth).append("/").append(0)
237
                   .append(mDay));
238
            } else
239
              mDueDateTextView.setText(new StringBuilder().append(mYear)
240
                   .append("/").append(mMonth).append("/")
241
                   .append(mDay));
242
          }
243
        }
      }
244
245
```

```
package edu.seaaddicts.brockbutler.scheduler;
 2
 3
     import java.util.ArrayList;
 4
     import java.util.Calendar;
 5
 6
     import android.app.Activity;
 7
     import android.app.AlertDialog;
     import android.content.Context;
 8
 q
     import android.content.DialogInterface;
10
     import android.content.Intent;
11
     import android.graphics.Paint;
12
     import android.net.Uri;
     import android.os.Bundle;
13
14
     import android.util.Log;
15
     import android.view.Menu;
16
     import android.view.MenuItem;
17
     import android.view.View;
     import android.view.View.OnClickListener;
18
19
     import android.view.ViewGroup;
20
     import android.widget.AdapterView;
21
     import android.widget.ArrayAdapter;
22
     import android.widget.CheckBox;
23
     import android.widget.CompoundButton;
24
     import android.widget.CompoundButton.OnCheckedChangeListener;
2.5
     import android.widget.ImageButton;
26
     import android.widget.Button;
27
     import android.widget.LinearLayout;
     import android.widget.ListView;
2.8
     import android.widget.TextView;
29
30
     import android.widget.Toast;
31
     import edu.seaaddicts.brockbutler.R;
     import edu.seaaddicts.brockbutler.animation.ExpandAnimation;
32
     import edu.seaaddicts.brockbutler.coursemanager.Course;
33
     import edu.seaaddicts.brockbutler.coursemanager.CourseHandler;
34
35
     import edu.seaaddicts.brockbutler.coursemanager.Offering;
36
     import edu.seaaddicts.brockbutler.coursemanager.OfferingTime;
37
     import edu.seaaddicts.brockbutler.help.HelpActivity;
38
     public class SchedulerActivity extends Activity {
39
40
       private static final String TAG = "SchedulerActivity";
41
42
       private static final int VISIBLE = 0;
       private static final int GONE = 8;
43
44
45
       private ArrayList<Course> mRegisteredCoursesList = null;
46
       private CourseHandler mCourseHandle = null;
47
       private ListView mRegisteredCoursesListView = null;
48
       ArrayAdapter<String> mListAdaptor;
49
       View mView;
50
       int mCurTaskTextViewId;
51
       int mCurTaskCheckBoxId;
52
       int mCurTaskNum;
53
       ArrayList<Task> mCurTasks;
54
55
       @Override
56
       protected void onCreate(Bundle savedInstanceState) {
57
         super.onCreate(savedInstanceState);
58
         setContentView(R.layout.activity_scheduler);
59
         mCourseHandle = new CourseHandler(this);
60
         populateCoursesLayout();
61
       }
62
63
       @Override
64
       protected void onResume() {
65
         super.onResume();
66
         populateCoursesLayout();
67
       }
68
69
70
        * /
71
```

```
private void populateCoursesLayout() {
          TextView tvNoCourses = (TextView) findViewById(R.id.tv no courses);
 73
 74
          mRegisteredCoursesListView = (ListView) findViewById(R.id.sched list);
 75
          mReqisteredCoursesList = mCourseHandle.qetReqisteredCourses();
 76
          if (mRegisteredCoursesList.size() == 0) {
 77
            // There are no registered courses so set message.
 78
            mRegisteredCoursesListView.setVisibility(GONE);
 79
            tvNoCourses.setVisibility(VISIBLE);
 80
          } else {
 81
            // We have registered courses so populate ListView.
 82
            // Creating the list adapter and populating the list
 83
            mListAdaptor = new CustomListAdapter(this, R.layout.sched_list_item);
 84
            for (int i = 0; i < mRegisteredCoursesList.size(); i++)</pre>
 85
              mListAdaptor.add(mRegisteredCoursesList.get(i).mSubject + " "
 86
                  + mRegisteredCoursesList.get(i).mCode);
 87
            mRegisteredCoursesListView.setAdapter(mListAdaptor);
 88
            tvNoCourses.setVisibility(GONE);
            mRegisteredCoursesListView.setVisibility(VISIBLE);
 89
 90
            mRegisteredCoursesListView
 91
                .setOnItemClickListener(new AdapterView.OnItemClickListener() {
 92
                  public void onItemClick(AdapterView<?> parent,
 93
                       final View view, int position, long id) {
 94
                    showHideToolbar(view, position);
 95
 96
                });
 97
            registerForContextMenu(mRegisteredCoursesListView);
 98
          }
        }
 99
100
101
        private void populateCourseView(View view, int position) {
102
103
          mView = view;
104
          // Get current course info.
105
          String offering = "";
106
          ArrayList<Offering> offs = mRegisteredCoursesList.get(position).mOfferings;
107
          ArrayList<OfferingTime> offTimes;
108
          ArrayList<Task> tasks = mRegisteredCoursesList.get(position).mTasks;
109
          Log.d(TAG, "NUMBER OF TASKS: " + tasks.size());
110
111
          // Set Instructor
112
          ((TextView) view.findViewById(R.id.tv_prof_name))
113
              .setText(mRegisteredCoursesList.get(position).mInstructor);
114
          final String e= mRegisteredCoursesList.get(position).mInstructor_email;
115
          ((Button) view.findViewById(R.id.prof_email_button))
116
          .setOnClickListener(new OnClickListener() {
117
            public void onClick(View v) {
118
              sendEmail(e);
119
            }
120
          });
121
122
          // Add Offerings registered for.
123
          for (int i = 0; i < offs.size(); i++) {</pre>
124
            String what = offs.get(i).mType.substring(0, 3).trim();
125
            offTimes = offs.get(i).mOfferingTimes;
126
            offering = "";
127
128
            // Loop through OfferingTimes for each Offering to populate
            for (int j = 0; j < offTimes.size(); j++) {</pre>
129
130
              offering += offTimes.get(j).mDay + "
131
                  + offTimes.get(j).mStartTime + " - "
132
                  + offTimes.get(j).mEndTime + " @ "
133
                  + offTimes.get(j).mLocation + "\n";
134
135
              // Check for type of Offering and add as appropriate
136
              if (what.equalsIgnoreCase("lec")) {
137
                TextView tv = ((TextView) view
138
                     .findViewById(R.id.tv_lecture));
139
                tv.setText(offering);
              }
140
141
142
              // ...a lab?
```

```
else if (what.equalsIgnoreCase("lab"))
144
                 ((TextView) view.findViewById(R.id.tv_lab))
145
                     .setText(offering);
146
147
              // ..a tutorial?
148
              else if (what.equalsIgnoreCase("tut"))
149
                 ((TextView) view.findViewById(R.id.tv_tutorial))
150
                     .setText(offering);
151
152
              // ...a seminar?
153
              else if (what.equalsIgnoreCase("sem"))
154
                ((TextView) view.findViewById(R.id.tv_seminar))
155
                     .setText(offering);
156
            }
          }
157
158
159
           * Add Tasks to view
160
161
162
          if (tasks.size() > 0) {
163
            mCurTasks = tasks;
164
            // Set visibility for Tasks
165
            view.findViewById(R.id.sched_tasks_title).setVisibility(VISIBLE);
166
            view.findViewById(R.id.sched_tasks).setVisibility(VISIBLE);
167
            ((LinearLayout) view.findViewById(R.id.sched_tasks))
168
                 .removeAllViews();
            for (int j = 0; j < tasks.size(); j++) {</pre>
169
170
              mCurTaskNum = j;
171
              // LinearLayout for each task
172
              LinearLayout 11 = new LinearLayout(this);
173
174
              // TextView for task info
175
              TextView tv = new TextView(this);
176
177
              11.addView(tv);
178
179
              // Each TextView will need an ID when added to the layout
180
              mCurTaskTextViewId = 1000+j;
181
              tv.setId(mCurTaskTextViewId);
182
183
              // Cosmetics
184
              tv.setPadding(20, 20, 30, 20);
185
              tv.setLayoutParams(new LinearLayout.LayoutParams(425,
                  LinearLayout.LayoutParams.WRAP_CONTENT));
186
187
188
              // Set the TextView
189
              tv.setText(tasks.get(j).mName + "\n\tDue: " + tasks.get(j).mDueDate);
190
191
              // Checkbox for Task status
192
              CheckBox cb = new CheckBox(this);
193
194
              // Buttons for Modify/Delete
195
              ImageButton ib_mod = new ImageButton(this);
196
              ImageButton ib_del = new ImageButton(this);
197
              ib_mod.setFocusable(false);
198
              ib_mod.setFocusableInTouchMode(false);
199
              ib_mod.setBackgroundResource(android.R.drawable.ic_dialog_info);
              final Task edit = mCurTasks.get(mCurTaskNum);
200
201
              ib_mod.setOnClickListener(new OnClickListener() {
202
203
                public void onClick(View v) {
204
                  modifyTask(edit);
205
                }
206
              });
207
              ib_del.setFocusable(false);
208
              ib_del.setFocusableInTouchMode(false);
209
              ib_del.setBackgroundResource(android.R.drawable.ic_delete);
210
              ib_del.setOnClickListener(new OnClickListener() {
211
                public void onClick(View v) {
212
213
                  displayTaskRemoveDialog(edit);
```

```
214
              });
215
216
              ll.addView(ib del);
217
              11.addView(ib mod);
218
219
220
              // Each TextView will need an ID when added to the layout
221
              mCurTaskCheckBoxId = 1000 + j + 1;
222
              cb.setId(mCurTaskCheckBoxId);
223
              final Task currentTask = tasks.get(j);
2.2.4
              final View fView = mView;
225
              cb.setOnCheckedChangeListener(new OnCheckedChangeListener() {
226
2.2.7
                public void onCheckedChanged(CompoundButton buttonView,
                    boolean isChecked) {
228
                  Log.d(TAG, "mCurTaskTextViewId: " + (buttonView.getId()-1));
229
230
                  TextView tv = ((TextView) fView.findViewById(buttonView.getId()-1));
                  if (isChecked) {
231
232
                    tv.setPaintFlags(tv.getPaintFlags()
233
                         Paint.STRIKE_THRU_TEXT_FLAG);
234
                    currentTask.mIsDone = 1;
235
                    mCourseHandle.addTask(currentTask);
236
                  } else {
237
                    tv.setPaintFlags(0);
                    currentTask.mIsDone = 0;
238
239
                    mCourseHandle.addTask(currentTask);
240
                }
2.41
2.42
              });
243
              cb.setPadding(20, 0, 0, 0);
244
              cb.setFocusable(false);
245
              cb.setFocusableInTouchMode(false);
246
              11.addView(cb);
              ((LinearLayout) view.findViewById(R.id.sched_tasks)).addView(11);
247
248
              cb.setChecked(currentTask.mIsDone != 0); //HUZZAH!!!
249
            }
          }
250
251
          float mark = mCourseHandle.getMark(mRegisteredCoursesList.get(position));
252
253
          float base = mCourseHandle.getBase(mRegisteredCoursesList.get(position));
254
          float total=0;
255
          if(base != 0){
256
            total= (mark/base)*100;
257
258
259
          String grade= ""+(int)mark+"/"+(int)base+" = "+ (int)total+"%";
260
          ((TextView) view.findViewById(R.id.course grade grade))
261
          .setText(grade);
262
263
           * Hide class type if none available
264
265
266
          if (((TextView) view.findViewById(R.id.tv_lecture)).getText()
267
              .toString().equalsIgnoreCase("none"))
268
            view.findViewById(R.id.row_lec).setVisibility(GONE);
269
          if (((TextView) view.findViewById(R.id.tv_lab)).getText().toString()
270
              .equalsIgnoreCase("none"))
271
            view.findViewById(R.id.row_lab).setVisibility(GONE);
272
          if (((TextView) view.findViewById(R.id.tv_tutorial)).getText()
273
              .toString().equalsIgnoreCase("none"))
274
            view.findViewById(R.id.row_tut).setVisibility(GONE);
275
          if (((TextView) view.findViewById(R.id.tv_seminar)).getText()
276
              .toString().equalsIgnoreCase("none"))
277
            view.findViewById(R.id.row_sem).setVisibility(GONE);
278
        }
279
280
        private void displayTaskRemoveDialog(final Task t) {
281
          AlertDialog.Builder editalert = new AlertDialog.Builder(this);
282
283
          editalert.setTitle("Delete Task?");
284
          editalert.setMessage("Are you sure you wish to delete this task?");
```

```
285
286
          editalert.setPositiveButton("Yes",
287
              new DialogInterface.OnClickListener() {
288
                public void onClick(DialogInterface dialog, int whichButton) {
289
                  mCourseHandle.removeTask(t);
290
                  populateCoursesLayout();
291
                }
292
              });
293
          editalert.setNegativeButton("No",
294
              new DialogInterface.OnClickListener() {
295
                public void onClick(DialogInterface dialog, int whichButton) {
296
                   // do nothing
297
298
              });
299
300
          editalert.show();
301
302
        private void showHideToolbar(View view, int position) {
303
304
          View toolbar = view.findViewById(R.id.sched_toolbar);
305
          populateCourseView(view, position);
306
307
          // Creating the expand animation for the item
308
          ExpandAnimation expandAni = new ExpandAnimation(toolbar,
              ExpandAnimation.ANIMATE_SHORT);
309
310
311
          // Start the animation on the toolbar
312
          toolbar.startAnimation(expandAni);
313
314
        }
315
316
        public void showHelp(MenuItem item) {
317
          Intent intent = new Intent(SchedulerActivity.this, HelpActivity.class);
          Bundle bundle = new Bundle();
318
319
          bundle.putString("activity", "scheduler");
320
          intent.putExtras(bundle);
321
          startActivity(intent);
322
323
324
        public void modifyTask(Task task){
325
          Intent intent = new Intent(SchedulerActivity.this, ModifyTaskActivity.class);
326
          Bundle bundle = new Bundle();
          bundle.putInt("assign", task.mAssign);
327
328
          bundle.putString("title", task.mName);
          bundle.putFloat("weight",task.mWeight);
329
330
          bundle.putFloat("base",task.mBase);
331
          bundle.putFloat("mark", task.mMark);
332
          bundle.putString("course",task.mSubj + " " + task.mCode);
333
          bundle.putInt("priority", task.mPriority);
334
          bundle.putInt("is_done",task.mIsDone);
335
          if (task.mDueDate.equals(getResources().getString(R.string.activity_add_task_date
          ))){
336
            final Calendar cal = Calendar.getInstance();
            bundle.putInt("year",cal.get(Calendar.YEAR));
337
            bundle.putInt("month", cal.get(Calendar.MONTH));
338
            bundle.putInt("day",cal.get(Calendar.DAY_OF_MONTH));
339
          }
340
          else {
341
342
            int year = Integer.parseInt(task.mDueDate.substring(0,4));
343
            int month = Integer.parseInt(task.mDueDate.substring(5,7));
344
            int day = Integer.parseInt(task.mDueDate.substring(8));
345
            bundle.putInt("year",year);
346
            bundle.putInt("month", month);
347
            bundle.putInt("day",day);
348
349
          intent.putExtras(bundle);
350
          startActivity(intent);
351
352
353
        public void removeTask(Task task){
354
          //REMOVE THE TASK
```

```
355
356
357
        @Override
358
        public boolean onCreateOptionsMenu(Menu menu) {
359
          // Inflate the menu; this adds items to the action bar if it is present.
360
          getMenuInflater().inflate(R.menu.activity_scheduler, menu);
361
          return true;
362
363
364
        private void sendEmail(String instr_email) {
365
          Intent i = new Intent(Intent.ACTION_SENDTO);
366
          i.setType("message/rfc822");
367
          i.setData(Uri.parse("mailto:"+instr_email));
          try {
368
369
            startActivity(Intent.createChooser(i, "Send mail..."));
370
          } catch (android.content.ActivityNotFoundException ex) {
371
            Toast.makeText(SchedulerActivity.this,
                "There are no email clients installed.", Toast.LENGTH_SHORT)
372
373
                .show();
374
        }
375
376
377
        public void addTask(MenuItem item) {
378
          Intent i = new Intent(SchedulerActivity.this, AddTaskActivity.class);
379
          startActivity(i);
        }
380
381
382
383
         * A simple implementation of list adapter.
384
385
        class CustomListAdapter extends ArrayAdapter<String> {
386
387
          public CustomListAdapter(Context context, int textViewResourceId) {
388
            super(context, textViewResourceId);
389
          }
390
391
          @Override
392
          public View getView(int position, View convertView, ViewGroup parent) {
393
394
            if (convertView == null) {
395
              convertView = getLayoutInflater().inflate(
396
                  R.layout.sched_list_item, null);
            }
397
398
399
            ((TextView) convertView.findViewById(R.id.sched_list_item_title))
400
                .setText(getItem(position));
401
402
            // Resets the toolbar to be closed
403
            View toolbar = convertView.findViewById(R.id.sched_toolbar);
404
            ((LinearLayout.LayoutParams) toolbar.getLayoutParams()).bottomMargin = -(toolbar
405
                .getHeight());
406
            toolbar.setVisibility(View.GONE);
407
408
            return convertView;
409
          }
        }
410
411
412
      }
413
```

```
/**
 1
      * Tasks.java
 2
3
      * Brock Butler
 4
      * A wrapper class for tasks information
5
      * Created by James Grisdale on 2013-02-24
6
      * Copyright (c) 2013 Sea Addicts. All rights reserved.
7
8
9
     package edu.seaaddicts.brockbutler.scheduler;
10
11
     import java.util.ArrayList;
12
13
     import edu.seaaddicts.brockbutler.contacts.Contact;
14
15
     public class Task {
       public String mSubj; //course name
16
17
       public String mCode; //course code
18
       public boolean mIsPastDue; //is the task late
19
       public float mMark; //mark on task
20
       public float mBase; //base mark of task
21
       public float mWeight; //weight of the mark
       public int mAssign; //assignment number
public String mName; //name of task
22
23
24
       public String mCreationDate; //creation date
25
       public String mDueDate; //due date
       public int mPriority; //priority of task
26
       public int mIsDone; //is the task complete
27
28
       public ArrayList<Contact> mContacts; //task contacts
29
30
       //contructor - initializes the contacts arraylist
31
       public Task(){
32
         mContacts = new ArrayList<Contact>();
       }
33
34
35
       //isPastDue - calculates if the task is past the due date
36
       public boolean isPastDueDate(){
37
         return true;
       }
38
39
40
     }
41
```

```
<ScrollView xmlns:android="http://schemas.android.com/apk/res/android"</pre>
 2
         xmlns:tools="http://schemas.android.com/tools"
 3
         android:layout width="match parent"
 4
         android:layout height="match parent"
 5
         android:layout_margin="10sp"
 6
         android:orientation="vertical"
 7
         tools:context=".AddTaskActivity" >
8
q
         <LinearLayout
10
             android:layout_width="fill_parent"
11
             android:layout_height="wrap_content"
             android:orientation="vertical" >
12
13
             <LinearLayout
14
15
                 android:layout_width="fill_parent"
16
                 android:layout_height="wrap_content"
17
                 android:orientation="horizontal" >
18
19
                 <TextView
20
                      android:layout_width="85sp"
21
                      android:layout_height="wrap_content"
22
                      android:layout_gravity="center_vertical"
23
                      android:text="@string/activity_add_task_course" />
24
                 <Spinner
25
26
                     android:id="@+id/add_task_course_spinner"
27
                      android:layout_width="fill_parent"
                     android:layout_height="wrap_content"
2.8
                     android:layout_gravity="center_vertical"
29
30
                     android:layout_marginLeft="25sp"
31
                      android:prompt="@string/task_priority_prompt" />
32
             </LinearLayout>
33
34
             <LinearLayout
35
                 android:layout_width="fill_parent"
36
                 android:layout_height="wrap_content"
37
                 android:orientation="horizontal" >
38
                 <TextView
39
40
                     android:layout_width="85sp"
41
                      android:layout_height="wrap_content"
42
                      android:text="@string/activity_add_task_task_title" />
43
44
                 <EditText
45
                      android:id="@+id/add_task_title"
46
                      android:layout_width="fill_parent"
47
                      android:layout_height="wrap_content"
48
                      android:layout_marginLeft="25sp"
49
                      android:hint="@string/activity_add_task_hint_task_title"
50
                      android:inputType="text" />
51
             </LinearLayout>
52
53
             <LinearLayout
54
                 android:layout_width="fill_parent"
55
                 android:layout_height="wrap_content"
56
                 android:orientation="horizontal" >
57
58
                 <TextView
59
                     android:layout_width="85sp"
60
                      android:layout_height="wrap_content"
61
                      android:layout_gravity="center_vertical"
62
                      android:text="@string/activity_add_task_priority" />
63
64
                 <Spinner
65
                      android:id="@+id/add_task_priority_spinner"
66
                      android:layout_width="fill_parent"
67
                      android:layout_height="wrap_content"
68
                      android:layout_gravity="center_vertical"
69
                      android:layout_marginLeft="25sp"
70
                      android:entries="@array/task_priority_array"
71
                      android:prompt="@string/task_priority_prompt" />
```

```
</LinearLayout>
 73
 74
              <LinearLayout
 75
                  android:layout width="fill parent"
 76
                  android:layout_height="wrap_content"
 77
                  android:orientation="horizontal" >
 78
 79
                  <TextView
 80
                       android:layout_width="85sp"
 81
                       android:layout_height="wrap_content"
 82
                       android:text="@string/activity_add_task_weight" />
 83
 84
                  <EditText
                       android:id="@+id/task_weight"
 85
 86
                       android:layout_width="fill_parent"
 87
                       android:layout_height="wrap_content"
 88
                       android:layout_marginLeft="25sp"
 89
                       android:hint="@string/activity_add_task_hint_weight"
 90
                       android:inputType="numberDecimal" />
 91
              </LinearLayout>
 92
 93
              <LinearLayout
 94
                  android:layout_width="fill_parent"
 95
                  android:layout_height="wrap_content"
 96
                  android:orientation="horizontal" >
 97
 98
                  <TextView
 99
                      android:layout_width="85sp"
100
                       android:layout_height="wrap_content"
101
                      android:text="@string/activity_add_task_base" />
102
                  <EditText
103
104
                      android:id="@+id/task base"
105
                       android:layout_width="fill_parent"
106
                       android:layout_height="wrap_content"
107
                       android:layout_marginLeft="25sp"
108
                      android:hint="@string/activity_add_task_hint_base"
109
                      android:inputType="numberDecimal" />
              </LinearLayout>
110
111
112
              <LinearLayout
113
                  android:layout_width="fill_parent"
114
                  android:layout_height="wrap_content"
                  android:orientation="horizontal" >
115
116
117
                  <TextView
118
                       android:layout_width="85sp"
119
                       android:layout_height="wrap_content"
120
                       android:text="@string/activity_add_task_mark" />
121
122
                  <EditText
123
                      android:id="@+id/task_mark"
124
                       android:layout_width="fill_parent"
125
                       android:layout_height="wrap_content"
126
                       android:layout_marginLeft="25sp"
127
                       android:hint="@string/activity_add_task_hint_mark"
128
                      android:inputType="numberDecimal" />
129
              </LinearLayout>
130
131
              <LinearLayout
132
                  android:layout_width="fill_parent"
133
                  android:layout_height="wrap_content"
134
                  android:layout_marginTop="10sp"
135
                  android:gravity="center_horizontal"
136
                  android:orientation="vertical" >
137
138
                  <Button
139
                       android:id="@+id/add_task_due_date_button"
140
                       android:layout_width="150sp"
141
                       android:layout_height="wrap_content"
142
                       android:gravity="center"
```

```
android:text="@string/activity_add_task_due_date" />
144
145
                  <TextView
146
                      android:id="@+id/add task date textview"
147
                      android:layout_width="wrap_content"
148
                      android:layout_height="wrap_content"
149
                      android:layout_marginTop="10sp"
                      android:text="@string/activity_add_task_date"
150
151
                      android:textSize="20sp" />
152
              </LinearLayout>
153
154
              <LinearLayout
155
                  android:layout_width="fill_parent"
156
                  android:layout_height="wrap_content"
157
                  android:layout_margin="10sp"
158
                  android:gravity="center_horizontal"
159
                  android:orientation="horizontal" >
160
161
                  <Button
162
                      android:id="@+id/add_task_save_button"
163
                      android:layout_width="100sp"
                      android:layout_height="wrap_content"
164
                      android:text="@string/button_save" />
165
166
                  <Button
167
168
                      android:id="@+id/add_task_cancel_button"
169
                      android:layout_width="100sp"
170
                      android:layout_height="wrap_content"
171
                      android:layout_marginLeft="20sp"
                      android:text="@string/button_cancel" />
172
173
              </LinearLayout>
174
          </LinearLayout>
175
176
      </ScrollView>
```

```
<ScrollView xmlns:android="http://schemas.android.com/apk/res/android"</pre>
 2
         xmlns:tools="http://schemas.android.com/tools"
 3
         android:layout width="match parent"
 4
         android:layout height="match parent"
 5
         android:layout_margin="10sp"
 6
         android:orientation="vertical"
 7
         tools:context=".ModifyTaskActivity" >
8
q
         <LinearLayout
10
             android:layout_width="fill_parent"
11
             android:layout_height="wrap_content"
             android:orientation="vertical" >
12
13
             <LinearLayout
14
15
                 android:layout_width="fill_parent"
16
                 android:layout_height="wrap_content"
17
                 android:orientation="horizontal" >
18
19
                 <TextView
20
                      android:layout_width="85sp"
21
                      android:layout_height="wrap_content"
22
                      android:layout_gravity="center_vertical"
23
                      android:text="@string/activity_add_task_course" />
24
25
                 <Spinner
26
                     android:id="@+id/add_task_course_spinner"
27
                      android:layout_width="fill_parent"
                     android:layout_height="wrap_content"
2.8
                     android:layout_gravity="center_vertical"
29
30
                     android:layout_marginLeft="25sp"
31
                      android:prompt="@string/task_priority_prompt" />
32
             </LinearLayout>
33
34
             <LinearLayout
35
                 android:layout_width="fill_parent"
36
                 android:layout_height="wrap_content"
37
                 android:orientation="horizontal" >
38
                 <TextView
39
40
                     android:layout_width="85sp"
41
                      android:layout_height="wrap_content"
42
                      android:text="@string/activity_add_task_task_title" />
43
44
                 <EditText
45
                      android:id="@+id/add_task_title"
46
                      android:layout_width="fill_parent"
47
                      android:layout_height="wrap_content"
48
                      android:layout_marginLeft="25sp"
49
                      android:hint="@string/activity_add_task_hint_task_title"
50
                      android:inputType="text" />
51
             </LinearLayout>
52
53
             <LinearLayout
54
                 android:layout_width="fill_parent"
55
                 android:layout_height="wrap_content"
56
                 android:orientation="horizontal" >
57
58
                 <TextView
59
                     android:layout_width="85sp"
60
                      android:layout_height="wrap_content"
61
                      android:layout_gravity="center_vertical"
62
                      android:text="@string/activity_add_task_priority" />
63
64
                 <Spinner
65
                      android:id="@+id/add_task_priority_spinner"
66
                      android:layout_width="fill_parent"
67
                      android:layout_height="wrap_content"
68
                      android:layout_gravity="center_vertical"
69
                      android:layout_marginLeft="25sp"
70
                      android:entries="@array/task_priority_array"
71
                      android:prompt="@string/task_priority_prompt" />
```

```
</LinearLayout>
 73
 74
              <LinearLayout
 75
                  android: layout width="fill parent"
 76
                  android:layout_height="wrap_content"
 77
                  android:orientation="horizontal" >
 78
 79
                  <TextView
 80
                       android:layout_width="85sp"
 81
                       android:layout_height="wrap_content"
 82
                       android:text="@string/activity_add_task_weight" />
 83
 84
                  <EditText
                       android:id="@+id/task_weight"
 85
 86
                       android:layout_width="fill_parent"
 87
                       android:layout_height="wrap_content"
 88
                       android:layout_marginLeft="25sp"
 89
                       android:hint="@string/activity_add_task_hint_weight"
 90
                       android:inputType="numberDecimal" />
 91
              </LinearLayout>
 92
 93
              <LinearLayout
 94
                  android:layout_width="fill_parent"
 95
                  android:layout_height="wrap_content"
 96
                  android:orientation="horizontal" >
 97
 98
                  <TextView
 99
                       android:layout_width="85sp"
100
                       android:layout_height="wrap_content"
101
                       android:text="@string/activity_add_task_base" />
102
                  <EditText
103
104
                       android:id="@+id/task base"
105
                       android:layout_width="fill_parent"
106
                       android:layout_height="wrap_content"
107
                       android:layout_marginLeft="25sp"
108
                       android:hint="@string/activity_add_task_hint_base"
109
                       android:inputType="numberDecimal" />
              </LinearLayout>
110
111
112
              <LinearLayout
113
                  android:layout_width="fill_parent"
114
                  android:layout_height="wrap_content"
                  android:orientation="horizontal" >
115
116
117
                  <TextView
118
                       android:layout_width="85sp"
119
                       android:layout_height="wrap_content"
120
                       android:text="@string/activity_add_task_mark" />
121
122
                  <EditText
123
                       android:id="@+id/task_mark"
124
                       android:layout_width="fill_parent"
125
                       android:layout_height="wrap_content"
126
                       android:layout_marginLeft="25sp"
127
                       android:hint="@string/activity_add_task_hint_mark"
128
                       android:inputType="numberDecimal" />
129
              </LinearLayout>
130
131
              <LinearLayout
132
                  android:layout_width="fill_parent"
133
                  android:layout_height="wrap_content"
134
                  android:layout_marginTop="10sp"
135
                  android:gravity="center_horizontal"
136
                  android:orientation="vertical" >
137
138
                  <Button
139
                       android:id="@+id/add_task_due_date_button"
140
                       android:layout_width="150sp"
141
                       android:layout_height="wrap_content"
142
                       android:gravity="center"
```

```
android:text="@string/activity_add_task_due_date" />
144
145
                  <TextView
146
                      android:id="@+id/add task date textview"
147
                      android:layout_width="wrap_content"
148
                      android:layout_height="wrap_content"
149
                      android:layout_marginTop="10sp"
                      android:text="@string/activity_add_task_date"
150
151
                      android:textSize="20sp" />
152
              </LinearLayout>
153
154
              <LinearLayout
155
                  android:layout_width="fill_parent"
156
                  android:layout_height="wrap_content"
157
                  android:layout_margin="10sp"
158
                  android:gravity="center_horizontal"
159
                  android:orientation="horizontal" >
160
161
                  <Button
162
                      android:id="@+id/add_task_save_button"
163
                      android:layout_width="100sp"
                      android:layout_height="wrap_content"
164
                      android:text="@string/button_save" />
165
166
                  <Button
167
                      android:id="@+id/add_task_cancel_button"
168
169
                      android:layout_width="100sp"
170
                      android:layout_height="wrap_content"
171
                      android:layout_marginLeft="20sp"
                      android:text="@string/button_cancel" />
172
173
              </LinearLayout>
174
          </LinearLayout>
175
176
      </ScrollView>
177
```

```
<menu xmlns:android="http://schemas.android.com/apk/res/android" >
 2
 3
         <item
 4
             android:id="@+id/menu add task"
5
             android:orderInCategory="100"
6
             android:showAsAction="never"
7
             android:onClick="addTask"
8
             android:title="@string/menu_add_task"/>
9
             <item
     <!--
10
             android:id="@+id/menu_expand_all"
11
             android:orderInCategory="100"
12
             android:showAsAction="never"
13
             android:title="@string/scheduler_menu_showhide_completed"/> -->
              <item -->
14
     <!--
15
     <!--
                  android:id="@+id/menu_collapse_all" -->
16
     <!--
                  android:orderInCategory="100" -->
17
     <!--
                  android:showAsAction="never" -->
18
     <!--
                  android:title="@string/scheduler_menu_show_completed"/> -->
19
         <item
20
             android:id="@+id/menu_show_scheduler_help"
21
              android:orderInCategory="100"
22
              android:showAsAction="never"
23
             android:onClick="showHelp"
             android:title="@string/menu_show_scheduler_help"/>
24
25
     </menu>
```

```
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"</pre>
 2
         android:id="@+id/activity_scheduler"
 3
         xmlns:tools="http://schemas.android.com/tools"
 4
         android:layout width="match parent"
 5
         android:layout_height="match_parent"
 6
         tools:context=".SchedulerActivity" >
 7
 8
         <ListView
 9
             android:id="@+id/sched_list"
10
             android:layout_width="fill_parent"
11
             android:layout_height="fill_parent"
12
             android:divider="@drawable/grad_course_title" >
13
         </ListView>
14
15
         <TextView
             android:id="@+id/tv_no_courses"
16
17
             android:layout_width="fill_parent"
18
             android:layout_height="fill_parent"
19
             android:text="@string/sched_no_courses"
20
             android:textColor="#ddd"
21
             android:textStyle="italic"
22
             android:textSize="20sp"
23
             android:gravity="center"
24
             android:visibility="gone" />
25
26
     </LinearLayout>
```

```
<?xml version="1.0" encoding="utf-8"?>
 2
     <LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"</pre>
 3
         android:id="@+id/sched list item"
 4
         android:layout width="fill parent"
 5
         android:layout_height="fill_parent"
 6
         android:layout_marginBottom="10dip"
 7
         android:orientation="vertical" >
8
q
         <TextView
10
             android:id="@+id/sched_list_item_title"
             android:layout_width="fill_parent"
11
12
             android:layout_height="60sp"
             android:layout_marginBottom="5dip"
13
14
             android:background="@drawable/grad_course_title"
15
             android:focusable="false"
16
             android:focusableInTouchMode="false"
17
             android:padding="10dip"
18
             android:textSize="30sp"
19
             android:textStyle="bold" />
20
21
         <!-- Toolbar -->
22
23
         <LinearLayout
24
             android:id="@+id/sched_toolbar"
2.5
             android:layout_width="fill_parent"
26
             android:layout_height="wrap_content"
27
             android:orientation="vertical"
2.8
             android:padding="10dip"
29
             android:visibility="gone" >
30
31
             <include
32
                  android:id="@+id/row prof"
33
                  layout="@layout/row_prof_simple" />
34
35
              <include
36
                  android:id="@+id/row_lec"
37
                  layout="@layout/row_task_lecture" />
38
             <include</pre>
39
40
                  android:id="@+id/row_lab"
41
                  layout="@layout/row_task_lab" />
42
43
             <include</pre>
                  android:id="@+id/row_tut"
44
45
                  layout="@layout/row_task_tutorial" />
46
47
             <include</pre>
48
                  android:id="@+id/row_sem"
49
                  layout="@layout/row_task_seminar" />
50
51
              <include
52
                  android:id="@+id/row_grade"
53
                  layout="@layout/row_grade" />
54
55
              <TextView
56
                  android:id="@+id/sched_tasks_title"
57
                  android:layout_width="fill_parent"
58
                  android:layout_height="wrap_content"
59
                  android:layout_gravity="center_vertical"
60
                  android:layout_marginLeft="20dip"
61
                  android:background="@drawable/grad_task_title"
62
                  android:paddingLeft="5sp"
63
                  android:paddingRight="10sp"
64
                  android:paddingTop="2sp"
65
                  android:text="@string/title_tasks"
66
                  android:textSize="16sp"
67
                  android:textStyle="bold"
68
                  android:typeface="sans"
69
                  android:visibility="gone" />
70
71
             <LinearLayout
```

```
android:id="@+id/sched_tasks"
73
                 android:layout_width="fill_parent"
74
                 android:layout_height="wrap_content"
75
                 android:layout_marginLeft="10dip"
76
                 android:orientation="vertical"
77
                 android:paddingLeft="10sp"
                 android:paddingRight="10sp"
78
79
                 android:visibility="gone" >
80
             </LinearLayout>
81
         </LinearLayout>
82
83
     </LinearLayout>
```