```java
package edu.seaaddicts.brockbutler.scheduler;

import java.text.SimpleDateFormat;
import java.util.ArrayList;
import java.util.Calendar;
import java.util.Date;
import java.util.Locale;

import android.app.Activity;
import android.app.DatePickerDialog;
import android.app.Dialog;
import android.os.Bundle;
import android.util.Log;
import android.view.View;
import android.view.View.OnClickListener;
import android.view.WindowManager;
import android.widget.ArrayAdapter;
import android.widget.Button;
import android.widget.DatePicker;
import android.widget.EditText;
import android.widget.Spinner;
import android.widget.TextView;
import edu.seaaddicts.brockbutler.R;
import edu.seaaddicts.brockbutler.coursemanager.Course;
import edu.seaaddicts.brockbutler.coursemanager.CourseHandler;

public class AddTaskActivity extends Activity {
  private static final String TAG = "AddTaskActivity";
  private static final int DATE_DIALOG_ID = 0;

  private Button mDueDateButton;
  private Button mSaveButton;
  private Button mCancelButton;

  private ArrayList<Course> mRegCourses;
  private TextView mDueDateTextView;

  private EditText mTaskTitle;
  private EditText mTaskWeight;
  private EditText mTaskBase;
  private EditText mTaskMark;

  private Spinner mCourseSpinner;
  private Spinner mPrioritySpinner;

  private CourseHandler mCourseHandle = null;

  private int mYear;
  private int mMonth;
  private int mDay;

  @Override
  protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_add_task);
    this.getWindow().setSoftInputMode(
        WindowManager.LayoutParams.SOFT_INPUT_STATE_ALWAYS_HIDDEN);
    init();
  }

  /*
   * Initialize all views and sets Button OnClickListeners.
   */
  private void init() {
    /*
     * CourseHandler
     */
    mCourseHandle = new CourseHandler(this);

    /*
     * Buttons
     */
    mDueDateButton = (Button) findViewById(R.id.add_task_due_date_button);
    mSaveButton = (Button) findViewById(R.id.add_task_save_button);
    mCancelButton = (Button) findViewById(R.id.add_task_cancel_button);

    /*
     * TextViews
     */
    mDueDateTextView = (TextView) findViewById(R.id.add_task_date_textview);

    /*
     * Spinners
     */
    mPrioritySpinner = (Spinner) findViewById(R.id.add_task_priority_spinner);
    mCourseSpinner = (Spinner) findViewById(R.id.add_task_course_spinner);

    /*
     * EditTexts
     */
    mTaskTitle = (EditText) findViewById(R.id.add_task_title);
    mTaskWeight = (EditText) findViewById(R.id.task_weight);
    mTaskBase = (EditText) findViewById(R.id.task_base);
    mTaskMark = (EditText) findViewById(R.id.task_mark);

    mRegCourses = mCourseHandle.getRegisteredCourses();
    ArrayList<String> cs = new ArrayList<String>();

    /*
     * ArrayList of Course Strings in format: SUBJECT CODE
     */
    for (int i = 0; i < mRegCourses.size(); i++) {
      cs.add(mRegCourses.get(i).mSubject + " " + mRegCourses.get(i).mCode);
    }

    /*
     * Set the course Spinner
     */
    mCourseSpinner.setAdapter(new ArrayAdapter<String>(this,
        android.R.layout.simple_spinner_dropdown_item, cs));

    /*
     * DatePicker stuff.
     */
    final Calendar cal = Calendar.getInstance();
    mYear = cal.get(Calendar.YEAR);
    mMonth = cal.get(Calendar.MONTH);
    mDay = cal.get(Calendar.DAY_OF_MONTH);

    /*
     * OnClickListeners
     */

    // Deprecated but easier than alternative.
    mDueDateButton.setOnClickListener(new OnClickListener() {
      @SuppressWarnings("deprecation")
      public void onClick(View v) {
        showDialog(DATE_DIALOG_ID);
      }
    });

    mSaveButton.setOnClickListener(new OnClickListener() {
      public void onClick(View v) {
        Task t = new Task();
        t.mSubj = mRegCourses.get(mCourseSpinner
             .getSelectedItemPosition()).mSubject;
        t.mCode = mRegCourses.get(mCourseSpinner
             .getSelectedItemPosition()).mCode;
        t.mName = mTaskTitle.getText().toString();
        // Lower == higher priority
        t.mPriority = mPrioritySpinner.getSelectedItemPosition();
        t.mDueDate = mDueDateTextView.getText().toString();
```

```java

        try {
          t.mWeight = Float.parseFloat(mTaskWeight.getText()
              .toString());
          t.mBase = Float.parseFloat(mTaskBase.getText().toString());
          t.mMark = Float.parseFloat(mTaskMark.getText().toString());
        } catch (NumberFormatException e) {
          Log.e(TAG,
              "It is OK, we just had a blank field when parsing a float.");
        }

        // Get current date
        SimpleDateFormat dateFormat = new SimpleDateFormat("yyyy/MM/dd", Locale.CANADA);
        Date date = new Date();
        t.mCreationDate = dateFormat.format(date);
        mCourseHandle.addTask(t);
        onBackPressed();
      }
    });

    mCancelButton.setOnClickListener(new OnClickListener() {
      public void onClick(View v) {
        // Do nothing.
        onBackPressed();
      }
    });
  }

  /**
   * (non-Javadoc)
   *
   * @see android.app.Activity#onCreateDialog(int)
   *
   *      Overridden method to handle multiple dialogs that may be created
   *      from this activity.
   */
  @Override
  protected Dialog onCreateDialog(int id) {
    switch (id) {
    case DATE_DIALOG_ID:
      return new DatePickerDialog(this, mDatePickerListener, mYear,
          mMonth, mDay);
    }
    return null;
  }

  /**
   * Retrieves date set from DatePickerDialog and sets TextView in this
   * activity.
   */
  private DatePickerDialog.OnDateSetListener mDatePickerListener = new DatePickerDialog.OnDateSetListener() {

    public void onDateSet(DatePicker view, int selectedYear,
        int selectedMonth, int selectedDay) {
      mYear = selectedYear;
      mMonth = selectedMonth + 1; // Since index starts at 0 and there is
                    // no 0th month.
      mDay = selectedDay;

      // Set TextView in this activity.
      if (mMonth < 10) {
        if (mDay < 10) {
          mDueDateTextView.setText(new StringBuilder().append(mYear)
              .append("/").append(0).append(mMonth).append("/")
              .append(0).append(mDay));
        } else
          mDueDateTextView.setText(new StringBuilder().append(mYear)
              .append("/").append(0).append(mMonth).append("/")
              .append(mDay));
      } else if (mMonth > 9) {
        if (mDay < 10) {
          mDueDateTextView.setText(new StringBuilder().append(mYear)
              .append("/").append(mMonth).append("/").append(0)
              .append(mDay));
        } else
          mDueDateTextView.setText(new StringBuilder().append(mYear)
              .append("/").append(mMonth).append("/")
              .append(mDay));
      }

    }
  };

}

```