**package** edu.cnm.deepdive.healthtracker.loginfragments;  
  
**import** android.content.Context;  
**import** android.net.Uri;  
**import** android.os.Bundle;  
**import** android.support.v4.app.DialogFragment;  
**import** android.support.v4.app.Fragment;  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.View.OnClickListener;  
**import** android.view.ViewGroup;  
  
**import** android.widget.EditText;  
**import** android.widget.Toast;  
**import** edu.cnm.deepdive.healthtracker.MainActivity;  
**import** edu.cnm.deepdive.healthtracker.R;  
**import** edu.cnm.deepdive.healthtracker.entities.Patient;  
**import** edu.cnm.deepdive.healthtracker.helpers.OrmHelper;  
**import** edu.cnm.deepdive.healthtracker.helpers.OrmHelper.OrmInteraction;  
**import** java.sql.SQLException;  
**import** java.text.ParseException;  
**import** java.text.SimpleDateFormat;  
  
*/\*\*  
 \* A simple {****@link*** *Fragment} subclass. Activities that contain this fragment must implement the // \*  
 \* interface to handle interaction events. Use the {****@link*** *CreatePatientFragment#newInstance}  
 \* factory method to create an instance of this fragment.  
 \*/***public class** CreatePatientFragment **extends** DialogFragment **implements** OnClickListener {  
  
 **private** EditText **name**;  
 **private** EditText **dateOfBirth**;  
 **private** OnFragmentInteractionListener **mListener**;  
  
 **public** CreatePatientFragment() {  
 *// Required empty public constructor* }  
  
 **public static** CreatePatientFragment newInstance(**int** num) {  
  
 CreatePatientFragment fragment = **new** CreatePatientFragment();  
 Bundle args = **new** Bundle();  
 fragment.setArguments(args);  
 **return** fragment;  
 }  
  
 @Override  
 **public void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
  
 }  
  
 @Override  
 **public** View onCreateView(LayoutInflater inflater, ViewGroup container,  
 Bundle savedInstanceState) {  
 getDialog().setTitle(**"Create Patient"**);  
 *// Inflate the layout for this fragment* View view = inflater.inflate(R.layout.***fragment\_create\_patient***, container, **false**);  
 **name** = view.findViewById(R.id.***newPatientName***);  
 **dateOfBirth** = view.findViewById(R.id.***patientDOB***);  
 view.findViewById(R.id.***createPatient***).setOnClickListener(**this**);  
 view.findViewById(R.id.***cancelPatient***).setOnClickListener(**this**);  
 **return** view;  
 }  
  
 *//* ***TODO: Rename method, update argument and hook method into UI event* public void** onButtonPressed(Uri uri) {  
 **if** (**mListener** != **null**) {  
 **mListener**.onFragmentInteraction(uri);  
 }  
 }  
  
  
  
 @Override  
 **public void** onDetach() {  
 **super**.onDetach();  
 **mListener** = **null**;  
 }  
  
 @Override  
 **public void** onClick(View view) {  
 **if** (view.getId() == R.id.***createPatient***) {  
 **try** {  
 OrmHelper helper = ((OrmInteraction) getActivity()).getHelper();  
 Patient patient = **new** Patient();  
 patient.setName(**name**.getText().toString());  
 SimpleDateFormat dateFormat = **new** SimpleDateFormat(**"MM/dd/yy"**);  
  
 patient.setDateOfBirth(dateFormat.parse(**dateOfBirth**.getText().toString()));  
 helper.getPatientDao().create(patient);  
 ((MainActivity)getActivity()).addItemsOnSpinner();  
 dismiss();  
 } **catch** (ParseException e) {  
 e.printStackTrace();  
 Toast.*makeText*(getActivity(), **"DOB format must be MM/DD/YY"**, Toast.***LENGTH\_LONG***).show();  
 } **catch** (SQLException e) {  
 **throw new** RuntimeException(e);  
 }  
  
 }  
 **else** {  
 dismiss();  
 }  
 }  
  
 */\*\*  
 \* This interface must be implemented by activities that contain this fragment to allow an  
 \* interaction in this fragment to be communicated to the activity and potentially other fragments  
 \* contained in that activity. <p> See the Android Training lesson <a href=  
 \* "http://developer.android.com/training/basics/fragments/communicating.html" >Communicating with  
 \* Other Fragments</a> for more information.  
 \*/* **public interface** OnFragmentInteractionListener {  
  
 *//* ***TODO: Update argument type and name* void** onFragmentInteraction(Uri uri);  
 }  
}