**package** edu.cnm.deepdive.healthtracker.mainfragments;  
  
**import** android.os.Bundle;  
**import** android.support.annotation.Nullable;  
**import** android.support.v4.app.Fragment;  
**import** android.support.v7.widget.Toolbar;  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
**import** android.widget.ArrayAdapter;  
**import** android.widget.Button;  
**import** android.widget.ListView;  
**import** com.j256.ormlite.dao.Dao;  
**import** com.j256.ormlite.stmt.QueryBuilder;  
**import** edu.cnm.deepdive.healthtracker.MainActivity;  
**import** edu.cnm.deepdive.healthtracker.R;  
**import** edu.cnm.deepdive.healthtracker.entities.Hospitalization;  
**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.util.List;  
  
**public class** ListHospitalizationFragment **extends** Fragment **implements** View.OnClickListener {  
 **private** Patient **patient** = **null**;  
  
 **public** ListHospitalizationFragment() {  
 *// Required empty public constructor* }  
  
  
 @Override  
 **public void** onCreate(@Nullable Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 Bundle args = getArguments();  
 **int** patientID;  
 **if** (args != **null** && (patientID = args.getInt(MainActivity.***PATIENT\_ID\_KEY***, 0)) != 0) {  
 **try** {  
 **patient** = ((OrmInteraction) getActivity()).getHelper().getPatientDao()  
 .queryForId(patientID);  
 } **catch** (SQLException e) {  
 **throw new** RuntimeException(e);  
 }  
  
 }  
 }  
  
 *//****TODO attach onClick Listeners to buttons*** @Override  
 **public** View onCreateView(LayoutInflater inflater, ViewGroup container,  
 Bundle savedInstanceState) {  
 *// Inflate the layout for this fragment* View inflate = inflater.inflate(R.layout.***fragment\_list***, container, **false**);  
  
 setupList(inflate);  
 setupButtons(inflate);  
  
 **return** inflate;  
 }  
  
 **private void** setupList(View inflate) {  
 **if** (**patient** != **null**) {  
  
 **try** {  
 ListView chart = inflate  
 .findViewById(R.id.***content\_list***);*//creating a reference to the chart contents* Toolbar toolbar = getActivity().findViewById(R.id.***toolbar***);  
 toolbar.setTitle(**"Hospitalizations: "** + **patient**.getName());  
 OrmHelper helper = ((OrmInteraction) getActivity()).getHelper();  
 Dao<Hospitalization, Integer> dao = helper.getHospitalizationDao();  
 QueryBuilder<Hospitalization, Integer> builder = dao.queryBuilder();  
 builder.where().eq(**"PATIENT\_ID"**, **patient**.getId());  
 builder.orderBy(**"ADMIT\_DATE"**, **false**);  
 List<Hospitalization> visits = dao.query(builder.prepare());  
 chart.setAdapter(**new** ArrayAdapter<Hospitalization>(getActivity(), R.layout.***list\_item***,  
 visits));  
 } **catch** (SQLException e) {  
 e.printStackTrace();  
 }  
 }  
 }  
  
 *//set OnClickListener to buttons* **private void** setupButtons(View rootView) {  
 Button addButton = rootView.findViewById(R.id.***add\_record***);  
 addButton.setOnClickListener(**this**);  
 Button editButton = rootView.findViewById(R.id.***edit\_record***);  
 editButton.setOnClickListener(**this**);  
 Button deleteButton = rootView.findViewById(R.id.***delete\_record***);  
 deleteButton.setOnClickListener(**this**);  
 }  
  
  
  
  
 **public void** onClick(View view) {  
  
 **switch** (view.getId()){  
 **case** R.id.***add\_record***:  
 ((MainActivity)getActivity()).loadFragment(**new** HospitalizationFragment(), **patient**.getId(),**true**);  
 **break**;  
 **case** R.id.***edit\_record***:  
 *//****TODO display Hospitalization record fragment populating fields with item selected* break**;  
 **case** R.id.***delete\_record***:  
 *//****TODO display Hospitalization record fragment populating fields with item selected and*** *//popup with "are you sure you want to delete this record"* **break**;  
 }  
  
 }  
  
}