```
AM Andre Meyering / 🗂 WGPlaner 🕴 master 😉
                                                                                                                                                                                                                                                                          June 11, 2018, 3:44 PM Version unspecified
                      Issues Measures
                                                                 Code
                                                                                Activity
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GPlaner > Crymain/java/de/ameyering/wgplaner/wgplaner/section/... > AddItemActivity.java
   MGPlaner
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                                                                                                                                                                                                                                                                                                                                          src/.../wgplaner/wgplaner/section/home/AddItemActivity.java
                                                                                                                                                                                                                                            Lines
                                                                                                                                                                                                                                                             Issues
                                                                                                                                                                                                                                                                               Coverage
                                                                                                                                                                                                                                                                                                         Duplications
                                           package de.ameyering.wgplaner.wgplaner.section.home;
              arnes...
                                          import android.content.DialogInterface;
                                            import android.content.Intent;
                                           import android.support.v7.app.AlertDialog;
                                           import android.support.v7.app.AppCompatActivity;
                                           import android.os.Bundle;
      8
                                           import android.support.v7.widget.LinearLayoutManager;
      9
                                           import android.support.v7.widget.RecyclerView;
     10
                                           import android.support.v7.widget.Toolbar;
     11
                                           import android.view.Menu;
                                           import android.view.MenuItem;
     12
     13
                                          import android.view.View;
                                            import android.widget.Button;
     14
                                           import android.widget.EditText;
                                          import android.widget.Toast;
     16
              arnes...
     17
              arnes...
     18
                                           import java.util.ArrayList;
     19
                                          import java.util.List;
     20
              arnes...
     21
                                           import de.amevering.wgplaner.wgplaner.R;
     22
              arnes..
                                           import de.ameyering.wgplaner.wgplaner.WGPlanerApplication;
     23
                                           \textbf{import} \ \ \text{de.ameyering.wgplaner.wgplaner.section.home.adapter.} Add I tem Requested For Adapter; and the section of th
              arnes...
                                            \textbf{import} \ \ \text{de.ame} yering. wg planer. wg planer. section. home. fragment. Add I tem Add User Dialog Fragment; and the planer is a section of the planer is a section of the planer is a section of the planer. We planed the planer is a section of the planer is a section of the planer is a section of the planer. We plane is a section of the planer is a section of the
     25 arnes...
                                          import de.ameyering.wgplaner.wgplaner.utils.DataProvider;
                                           import de.ameyering.wgplaner.wgplaner.utils.DataProviderInterface;
     26
              arnes...
     27
                                           import de.ameyering.wgplaner.wgplaner.utils.OnAsyncCallListener;
     28 arnes...
                                          import de.ameyering.wgplaner.wgplaner.utils.ServerCallsInterface;
     29
                                            import io.swagger.client.ApiException;
     30
                                           import io.swagger.client.model.User;
              arnes...
     31
                                           import io.swagger.client.model.ListItem;
     32
              arnes
     33
                                           public class AddItemActivity extends AppCompatActivity {
                                   0
     34
                                                    public RecyclerView requestedFor;
     35
                                   0
                                                    public AddItemRequestedForAdapter adapter;
     36
                                   O.
     37
              arnes
                                                    public EditText nameInput;
     38
                                                    public EditText numberInput;
     39
     40
                                                    private ArrayList<User> selected = new ArrayList<>();
              arnes...
     41
              arnes...
                                                    private ListItem newItem = new ListItem();
     42
              arnes
     43
                                                    private DataProviderInterface dataProvider;
     45
                                                    @Override
              arnes...
                                                    protected void onCreate(Bundle savedInstanceState) {
     46
     47
                                                            super.onCreate(savedInstanceState);
     48
                                                             setContentView(R.layout.activity_add_item);
     49
                                                             WGPlanerApplication application = (WGPlanerApplication) getApplication();
     50
              arnes...
     51
                                                             dataProvider = application.getDataProviderInterface();
     52
     53
              arnes...
                                                             Toolbar toolbar = findViewById(R.id.add_item_toolbar);
     54
              arnes..
                                                             setSupportActionBar(toolbar);
     55
              arnes...
                                                             toolbar.setNavigationIcon(R.drawable.ic close black);
     56
                                                             toolbar.setNavigationOnClickListener(view -> {
     57
                                                                      AlertDialog.Builder builder = new AlertDialog.Builder(AddItemActivity.this);
     58
                                                                      builder.setMessage(getString(R.string.dialog_discard_message));
                                                                     builder.setPositiveButton(R.string.dialog\_discard\_positive, \ (dialogInterface, \ i) \ \rightarrow \ \{ \\
     59
              arnes..
     60
              arnes...
                                                                              dialogInterface.cancel();
     61
                                                                              setResult(RESULT_CANCELED);
     62
     63
                                                                     });
     64
                                                                     builder.setNegativeButton(R.string.dialog discard negative, (dialogInterface, i) -> dialogInterface.cancel());
              arnes...
     65
              arnes...
                                                                     AlertDialog dialog = builder.create();
     66
                                                                      dialog.show();
     67
     68
              arnes.
     69
                                                             nameInput = findViewById(R.id.add item name input);
              arnes...
     70
                                                             numberInput = findViewById(R.id.add_item_number_input) ;
     71
              arnes.
     72
               arnes...
                                                             if (savedInstanceState != null) {
     73
                                                                     ArrayList<String> selectedUids = savedInstanceState.getStringArrayList("UsersUids");
     74
```

```
79
  80
  81
                                                          String name = savedInstanceState.getString("Name");
  82
                                                          String number = savedInstanceState.getString("Number");
  83
  84
                                                           if (name != null) {
                                                                  nameInput.setText(name);
  86
  87
  88
                                                          if (number != null) {
  89
                                                                  numberInput.setText(number);
  91
  92
  93
          arnes..
                                                   requestedFor = findViewById(R.id.add_item_requested_for_list);
  94
                                                   adapter = new AddItemRequestedForAdapter();
  95
                                                   requestedFor.setLayoutManager(new LinearLayoutManager(this));
  96
                                                  requestedFor.setHasFixedSize(false);
  97
                                                   requestedFor.setAdapter(adapter);
  98
                                                   adapter.updateSelection(selected);
  99
100
                                                   Button buttonAddUser = findViewById(R.id.add_item_add_user_btn);
          arnes...
                                                   buttonAddUser.setOnClickListener(view -> {
101
         arnes..
102
          arnes..
                                                          AddItemAddUserDialogFragment dialog = new AddItemAddUserDialogFragment();
                                                          dialog.setSelectedItems(selected);
103
104
                                                          dialog.setOnResultListener(selected -> {
          arnes...
105
                                                                 AddItemActivity.this.selected.clear():
          arnes..
106
                                                                  AddItemActivity.this.selected.addAll(selected);
107
108
                                                                  adapter.updateSelection(AddItemActivity.this.selected);
109
                                                                  adapter.notifyDataSetChanged();
110
                                                          });
                                                          {\tt dialog.show(getSupportFragmentManager(), "");}
111
112
                                                  });
113
114
115
                                           @Override
116
                                           public boolean onCreateOptionsMenu(Menu menu) {
117
                                                  getMenuInflater().inflate(R.menu.menu_add_full_screen_activity, menu);
          arnes...
118
119
120
121
122
                                           public boolean onOptionsItemSelected(MenuItem item) {
123
                                                   switch (item.getItemId()) {
124
                                                          case R.id.add item save: {
125
          arnes..
                                                                 if (checkInputAndReturn()) {
126
                                                                         dataProvider.addShoppingListItem(newItem,
127
                                                                          new OnAsyncCallListener<ListItem>() {
128
129
                                                                                 public void onFailure(ApiException e) {
130
                                                                                         runOnUiThread(() -> {
131
                                                                                                To a st. make Text (AddItem Activity. \\ \textbf{this}, get String (R. string. server\_connection\_failed), To a st. LENGTH\_LONG). \\ should be a string that the string term of the string term
132
133
134
135
                                                                                 @Override
136
                                                                                 public void onSuccess(ListItem result) {
137
                                                                                        runOnUiThread(() -> {
138
                                                                                                setResult(RESULT OK, new Intent());
          arnes..
139
                                                                                                finish();
140
                                                                                        });
141
142
                                                                         });
143
144
          arnes...
                                                                         return true:
145
                                                                 }
146
147
148
149
                                                   return false;
150
152
                                           @Override
          arnes..
153
                                           protected void onSaveInstanceState(Bundle outState) {
154
                                                   ArrayList<String> selectedUids = new ArrayList<>();
155
          arnes.
                                                   for (User user : selected) {
157
                                                          selectedUids.add(user.getUid());
158
159
          arnes.
160
                                                   outState.putStringArrayList("UsersUids", selectedUids);
                                                   outState.putString("Name", nameInput.getText().toString());
```

```
private boolean checkInputAndReturn() {
167
                          String name = nameInput.getText().toString();
                          String number = numberInput.getText().toString();
168
169
                          if (!name.isEmpty() && !number.isEmpty() && !selected.isEmpty()) {
170
     arnes...
171
172
     arnes...
173
                              try {
174
                                  num = Integer.parseInt(number);
175 arnes..
176 arnes...
                              } catch (Exception e) {
177
                                  return false;
178
179
180
     arnes...
                              newItem = new ListItem();
181
                              newItem.setTitle(name);
182
                              newItem.setCount(num);
183 arnes...
                              newItem.setCategory("");
184
     arnes..
185
                              List<String> users = new ArrayList<>();
186
187
                              for (User user : selected) {
188
                                  users.add(user.getUid());
189
190
191 arnes...
                              newItem.setRequestedFor(users);
192
     arnes..
193
     arnes...
                              return true;
194
     arnes..
195
                              runOnUiThread(new Runnable() {
196
197
                                  @Override
                                  public void run() {
198
199
     arnes...
                                      Toast.makeText(AddItemActivity.this, getString(R.string.fill_out_all_fields),
200
                                          Toast.LENGTH_LONG).show();
201
202
                              });
     arnes...
                              return false:
203
204
                          }
205
206 arnes...
                  }
207
```