AM   Andre Meyering / 🗄 WGPlaner   ⁝ master ⊕   June 11, 2018, 9:01 PM   Version unspecified

Overview   Issues   Measures   Code   Activity

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🗄 WGPlaner > 📁 src/main/java/de/ameyering/wgplaner/wgplaner/section/... > 📄 AddItemActivity.java

🗄 WGPlaner	194	3	0.0%	5.2%	☰
📄 src/.../wgplaner/wgplaner/section/home/AddItemActivity.java	Lines	Issues	Coverage	Duplications	

```java
1    arnes...        package de.ameyering.wgplaner.wgplaner.section.home;
2
3                    import android.content.Intent;
4                    import android.support.v7.app.AlertDialog;
5                    import android.support.v7.app.AppCompatActivity;
6                    import android.os.Bundle;
7                    import android.support.v7.widget.LinearLayoutManager;
8                    import android.support.v7.widget.RecyclerView;
9                    import android.support.v7.widget.Toolbar;
10                   import android.view.Menu;
11                   import android.view.MenuItem;
12                   import android.widget.Button;
13   arnes...        import android.widget.EditText;
14   arnes...        import android.widget.Toast;
15   arnes...
16                   import java.util.ArrayList;
17   arnes...        import java.util.List;
18   arnes...
19                   import de.ameyering.wgplaner.wgplaner.R;
20   arnes...        import de.ameyering.wgplaner.wgplaner.WGPlanerApplication;
21   arnes...        import de.ameyering.wgplaner.wgplaner.section.home.adapter.AddItemRequestedForAdapter;
22                   import de.ameyering.wgplaner.wgplaner.section.home.fragment.AddItemAddUserDialogFragment;
23   arnes...        import de.ameyering.wgplaner.wgplaner.utils.DataProviderInterface;
24                   import de.ameyering.wgplaner.wgplaner.utils.OnAsyncCallListener;
25   arnes...        import io.swagger.client.ApiException;
26   arnes...        import io.swagger.client.model.User;
27                   import io.swagger.client.model.ListItem;
28   arnes...
29                   public class AddItemActivity extends AppCompatActivity {
30   arnes...  ⬇        private RecyclerView requestedFor;
```

Remove the "requestedFor" field and declare it as a local variable in the relevant methods. •••   46 minutes ago ▾ L30 🔗
☣ Code Smell ⬇ Minor ○ Open Not assigned 5min effort   🏷 pitfall

```java
31         ⬇        private AddItemRequestedForAdapter adapter;
```

Remove the "adapter" field and declare it as a local variable in the relevant methods. •••   46 minutes ago ▾ L31 🔗
☣ Code Smell ⬇ Minor ○ Open Not assigned 5min effort   🏷 pitfall

```java
32   arnes...
33   arnes...        private EditText nameInput;
34                   private EditText numberInput;
35   arnes...
36   arnes...        private ArrayList<User> selected = new ArrayList<>();
37   arnes...        private ListItem newItem = new ListItem();
38
39   arnes...        private DataProviderInterface dataProvider;
40
41   arnes...        @Override
42               protected void onCreate(Bundle savedInstanceState) {
43                   super.onCreate(savedInstanceState);
44                   setContentView(R.layout.activity_add_item);
45
46   arnes...            WGPlanerApplication application = (WGPlanerApplication) getApplication();
47                       dataProvider = application.getDataProviderInterface();
48
49   arnes...            Toolbar toolbar = findViewById(R.id.add_item_toolbar);
50   arnes...            setSupportActionBar(toolbar);
51   arnes...            toolbar.setNavigationIcon(R.drawable.ic_close_black);
52                   toolbar.setNavigationOnClickListener(view -> {
53   arnes...                AlertDialog.Builder builder = new AlertDialog.Builder(AddItemActivity.this);
54                       builder.setMessage(getString(R.string.dialog_discard_message));
55   arnes...                builder.setPositiveButton(R.string.dialog_discard_positive, (dialogInterface, i) -> {
56   arnes...                    dialogInterface.cancel();
57                           setResult(RESULT_CANCELED);
58                           finish();
59                       });
60   arnes...                builder.setNegativeButton(R.string.dialog_discard_negative, (dialogInterface, i) -> dialogInterface.cancel());
61   arnes...                AlertDialog dialog = builder.create();
62                       dialog.show();
63                   });
64   arnes...
65   arnes...            nameInput = findViewById(R.id.add_item_name_input);
```

```java
70
71                        if (selectedUids != null && !selectedUids.isEmpty()) {
72                            for (String uid : selectedUids) {
73                                selected.add(dataProvider.getUserByUid(uid));
74                            }
75                        }
76
77                        String name = savedInstanceState.getString("Name");
78                        String number = savedInstanceState.getString("Number");
79
80                        if (name != null) {
81                            nameInput.setText(name);
82                        }
83
84                        if (number != null) {
85                            numberInput.setText(number);
86                        }
87                    }
88
89            requestedFor = findViewById(R.id.add_item_requested_for_list);
90            adapter = new AddItemRequestedForAdapter();
91            requestedFor.setLayoutManager(new LinearLayoutManager(this));
92            requestedFor.setHasFixedSize(false);
93            requestedFor.setAdapter(adapter);
94            adapter.updateSelection(selected);
95
96            Button buttonAddUser = findViewById(R.id.add_item_add_user_btn);
97            buttonAddUser.setOnClickListener(view -> {
98                AddItemAddUserDialogFragment dialog = new AddItemAddUserDialogFragment();
99                dialog.setSelectedItems(selected);
100               dialog.setOnResultListener(result -> {
101                   AddItemActivity.this.selected.clear();
102                   AddItemActivity.this.selected.addAll(result);
103
104                   adapter.updateSelection(AddItemActivity.this.selected);
105                   adapter.notifyDataSetChanged();
106               });
107               dialog.show(getSupportFragmentManager(), "");
108           });
109       }
110
111       @Override
112       public boolean onCreateOptionsMenu(Menu menu) {
113           getMenuInflater().inflate(R.menu.menu_add_full_screen_activity, menu);
114           return true;
115       }
116
117       @Override
118       public boolean onOptionsItemSelected(MenuItem item) {
119           if (item.getItemId() == R.id.add_item_save && checkInputAndReturn()) {
120               dataProvider.addShoppingListItem(newItem,
121                   new OnAsyncCallListener<ListItem>() {
122                       @Override
123                       public void onFailure(ApiException e) {
124                           runOnUiThread(() -> Toast.makeText(AddItemActivity.this,
125                               getString(R.string.server_connection_failed), Toast.LENGTH_LONG).show());
126                       }
127
128                       @Override
129                       public void onSuccess(ListItem result) {
130                           runOnUiThread(() -> {
131                               setResult(RESULT_OK, new Intent());
132                               finish();
133                           });
134                       }
135                   });
136
137               return true;
138
139           } else {
140               return false;
141           }
142       }
143
144       @Override
145       protected void onSaveInstanceState(Bundle outState) {
146           ArrayList<String> selectedUids = new ArrayList<>();
147
148           for (User user : selected) {
149               selectedUids.add(user.getUid());
150           }
151
152           outState.putStringArrayList("UsersUids", selectedUids);
```

```java
157
158    private boolean checkInputAndReturn() {
159        String name = nameInput.getText().toString();
160        String number = numberInput.getText().toString();
161
162        if (!name.isEmpty() && !number.isEmpty() && !selected.isEmpty()) {
163            int num;
164
165            try {
166                num = Integer.parseInt(number);
167
168            } catch (Exception e) {
169                return false;
170            }
171
172            newItem = new ListItem();
173            newItem.setTitle(name);
174            newItem.setCount(num);
175            newItem.setCategory("");
176
177            List<String> users = new ArrayList<>();
178
179            for (User user : selected) {
180                users.add(user.getUid());
181            }
182
183            newItem.setRequestedFor(users);
184
185            return true;
186
187        } else {
188            runOnUiThread(() -> Toast.makeText(AddItemActivity.this, getString(R.string.fill_out_all_fields),
189                    Toast.LENGTH_LONG).show());
190            return false;
191        }
192    }
193 }
194
```