

Code Smell in SharingApp

1. Excessive Use of Comments

Location: saveContact() method of EditContactActivity class.

Description: The comments are spread over lines where the functionality is very clear, thus obtaining a visual pollution.

Problem: Any future changes made to the code will require updating comments in 5 different places, making it easier for the error of outdated comments in relation to changes in the code.

Solution: Make the name of the variable and methods self-explanatory and just use comments to explain very complex logic.

2. Duplicate Code

Location: saveContacts() method of ContactList and saveItems() method of ItemList.

Description: specific parts of the code look different but actually do the same job.

Problem: Both methods above have the same functionality, only changing the data being stored.

Solution: create a class that implements and takes care of the data storage function.