Bellow are the 3 code smells I identified as was delegated to during the team meetings.

**The first Code Smell Identified was of type: “Duplicate Code”.**

Text

Description automatically generated

This code smell is located in the following path: jabref -> src -> main -> java -> org. jabref -> logic -> layout -> format -> LayoutEntry.java (lines 299 through 304).

In this case the collapsible ***if*** statements in line 299 and 300 could be merged to increase readability.

Text

Description automatically generatedRefactoring suggestion:

**The second Code Smell Identified was of type: “Dead Code”.**

**Text

Description automatically generated**

This code smell is located in the following path: jabref -> src -> main -> java -> org. jabref -> gui -> groups -> GroupDialogViewModel.java (lines 110 through 112).

**If a private field is declared but not used in the program, it can be considered dead code and should therefore be removed. This will improve maintainability because developers will not wonder what the variable is used for.**

**Refactoring suggestion:**

**Graphical user interface, text

Description automatically generated**

**The third Code Smell Identified was of type: “Dispensable Comments”.**

Text

Description automatically generated

This code smell is located in the following path: jabref -> src -> main -> java -> org. jabref -> model -> entry -> types -> AuthorList.java (lines 13 through 114).

**A dispensable is something pointless and unneeded whose absence would make the code cleaner, more efficient and easier to understand, in this case there’s a huge block of comments that could be completely removed.**

**Refactoring suggestion: Delete the comment block.**