Code Smell 1: Dead Code/Speculative Generality

Text

Description automatically generated

Location: 

Line 66;

Rationale: This method is not used or called anywhere in the application.

Refactor proposal: I believe this was added to be used in the future but since it’s not used anywhere at the moment and there is no current need for it, I would delete this piece of obsolete code.

Code Smell 2: Message Chains

Text

Description automatically generated

Location: 

Line 152 or 155

Rationale: In line 152 the code calls 4 sucessive objects just to receive the column.

In line 155 the code calls a total of 5 sucessive objects.

Refactor: I would suggest structuring the classes differently, so they don’t have to call so many objects or at least creating local variables so it’s more understandable.

Code Smell 3: Duplicated Code

1)Text

Description automatically generated

2)

Text

Description automatically generated

Location: 

On lines 75-76 and 194-195

Rationale: Inside these two methods there is duplicated code so if we needed to alter the method of creating “JcomboBoxes” we would need to do it in two different places

Refactor: I would create a new method that creates these jumbo boxes and just call that method inside “setEditor” and “newTableColumnExt”.