



Lucas-Tito

fix the Feature Envy code smell using the Move Method refactoring technique



GitHub Copilot

I'll help you fix the Feature Envy code smell where the GeneralSearch class is using too many features from the SearchLog class. Here's the solution step by step:

1. Move the search logging logic from GeneralSearch to SearchLog
2. Create a new method in SearchLog to handle the log updates
3. Simplify the GeneralSearch class to use the new method

Here are the required changes:

[SearchLog.java](#)

Add a new method to handle log updates:

[SearchLog.java](#)

[GeneralSearch.java](#)

Simplify the search handling and use the new SearchLog method:

[GeneralSearch.java](#)

The changes move the responsibility of managing the search log updates to the SearchLog class itself, which is more appropriate since dealing with its own data. This reduces the Feature Envy smell by having the GeneralSearch class depend less on SearchLog's internal details.



move handlesearch method to SearchLog Class



GitHub Copilot

I'll help move the handleSearch method to the SearchLog class. Here's the step-by-step solution:

1. Move handleSearch method to SearchLog class
2. Add necessary imports to SearchLog
3. Modify GeneralSearch to use the moved method
4. Add a reference to GeneralSearch in SearchLog to maintain functionality

Here are the changes:

[SearchLog.java](#)

Add the handleSearch method and necessary imports:

[SearchLog.java](#)

[GeneralSearch.java](#)

Simplify GeneralSearch to use SearchLog's handleSearch:

[GeneralSearch.java](#)

This refactoring:

1. Moves the search functionality to SearchLog where it's more appropriate
2. Removes unnecessary imports from GeneralSearch
3. Simplifies GeneralSearch to delegate the search operation to SearchLog
4. Maintains the same functionality while improving the code organization