

Project 1 Reposrt

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1 Java Code analysis

There are 4 java files in the given code base of the experiment. Each file consists of around 3500+ lines of code, most of which are not commented properly. While analyzing the code we identified many code smells of which a few are listed below:

1. Redundant Code- Object oriented features like Inheritance could have been used.
2. Dead Code - Many parts of the code are commented which never used.
3. Comments Missing - The code doest not contain any comments which describe the functionality.
4. Code contains Imports which are not needed.

The following class diagrams were generated for the given code base.

It may be noticed that many of the methods in all the four diagrams are repeatedly used. This could have been done using inheritance.







