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## Code Inspection

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4. ***Classes and functional description***
   1. ***Assigned Classes***

The class assigned for code inspection is:

* *FinAccountServices.java*

and is part of the project Apache OFBiz. The class taken into account for the analysis can be found at the following path:

* *../apache-ofbiz-16.11.01/applications/accounting/src/main/java/org/apache/ofbiz/accounting/finaccount/FinAccountServices.java*
  1. ***Functional description***

Purpose of the FinAccountServices class is to provide methods for the management of the users’ accounts and their transactions.

These methods include authentication, transaction management, balance checking, refunds and account status checking.

1. ***List of issues***
   1. ***Naming conventions***
   2. ***Indention***
   3. ***Braces***

|  |  |
| --- | --- |
| ***Code line*** | ***Problem*** |
| *310* | *If statement declared inline with no braces* |

* 1. ***File organization***

|  |  |
| --- | --- |
| ***Code line*** | ***Problem*** |
| *282* | *The line contains more than 120 characters (121)* |

* 1. ***Wrapping lines***
  2. ***Comments***
  3. ***Java source files***
  4. ***Package and import statements***
  5. ***Class and interface declarations***
  6. ***Initialization and declarations***
  7. ***Method calls***
  8. ***Arrays***
  9. ***Object comparison***
  10. ***Output format***
  11. ***Computation, comparisons and assignments***
  12. ***Exceptions***
  13. ***Flow of control***
  14. ***Files***

1. ***Revision***
   1. ***Team work***

Here is reported a compact table showing how the work was brought on by all the members of the group.

Document work finished on the 5th February 2017.

