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| **C:\Users\Far\Pictures\New Picture.jpg** | **Code Review Template** |

**This template is to be completed and submitted by the *Reviewer*.**

Names of the Reviewer: **Davis Allan**

Name of the developer being reviewed: **Mike Lasby**

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| **Category** | **Comments /questions about of the reviewing group about the design documents** | **Responses by the developer (if any)** |
| Spelling Mistakes | **Board.java**   * Line 92 – @return tag has a “:” that is not required. IDE flags it as “wrong tag” * Line 179 – incorrect spelling of hyphens, was spelled as “hypens” |  |
| Naming issues | Variables and methods all have clear names and follow conventions, nice work! |  |
| SOLID Principle Violations | **Board.java**   * checkWinner() is very long with quite similar loops, should look into refactoring this into smaller methods to ensure following the Single Responsibility principle.   **BlockingPlayer.java**   * testForBlocking() is very long, consider factoring out the different loops into individual methods and this will also help get rid of duplicated code fragments     **SmartPlayer.java**   * testForWinner() – same issue as above in BlockingPlayer.java   **Game.java**   * create\_player() is also very long, and has several responsibilities. Could investigate factoring out all the prompts/ input handling into various smaller methods, such as one method to get user input/handle errors, one to display menu options, etc. to ensure following Single Responsibility principle |  |
| Lack of documentation | **Board.java**   * Line 127-165 – no comments inside the method explaining what the loops are doing * Line 6 - @author tag has a “:” that is not required. IDE flags it as “wrong tag” * Line 8 - @version tag has a “:” that is not required. IDE flags it as “wrong tag”   **Game.java**   * IDE is flagging the class Javadoc comment as being “dangling”. Meaning it is not located directly above the class declaration * Line 28 – throws tag description missing * Line 73 – throws tag description missing   **SmartPlayer.java:**   * @author, @since, and @version all have “:” that are not required. IDE flags it as “wrong tag” |  |
| Clean Code | **BlockingPlayer.java**   * Line 34 – unnecessary return since it is the last line in a void method |  |
| Security | No issues |  |
| Performance | No issues |  |
| General | **HumanPlayer.java:**   * Line 36 – redundant call to printf, should just call print() since no string formatting is occurring |  |

Review aided by the following checklist: <https://dzone.com/articles/java-code-review-checklist>