Code Review Defect List

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| Reviewer: \_Jessica Gilbert\_\_\_\_\_\_\_\_\_\_\_\_ | | GH Repo: https://github.com/jjgilbe3/jjgilbe3\_review | | |
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| **ID #** | **Location** | | **Problem Description** | | Problem | | |
| **File and Line Number** | | **Category** | **Severity** | |
| 1 | Item.java, Line 2 | | There is no header for the source code file | | CG1 | MJ | |
| 2 | PowerSetData.java  Line 26 | | The parameter \s is not a valid escape sequence, so there are errors in the code | | FD | BR | |
| 3 | PowerSet.java  Line 35 | | The variable name N is not very descriptive, it doesn’t let you know anything about what it is storing | | CS11 | MJ | |
| 4 | PowerSetData.java  Line 33 | | The ending curly brace for the if statement should be on it’s own line but it’s on the same line as the else statement | | CG8 | LOW | |
| 5 | Item.java  Line 1-10 | | The class doesn’t do much, it just sets up a key value which could be done in other classes just as easily without the overhead of calling Item | | CS5 | LOW | |
| 6 | PowerSetData.java  Line 90 | | There is a switch case statement, and the brackets inside of it are confusing and hard  To follow | | CS3 | LOW | |
| 7 | RandomNumber.java  Line 31 | | Variables that are private should have an underscore in front of the name, this does not | | CG4 | LOW | |
| 8 | InvalidOperationException  Line 7 | | There is no header for the class | | CG2 | MJ | |
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Category: **CS –** Code Smell defect**. CG –** Violation of a coding guideline. Provide the guideline number. **FD** – Functional defect. Code will not produce the expected result. **MD –** Miscellaneous defect, for all other defects.

Severity: **BR** - Blocker, must be fixed asap. **MJ** – Major, of high importance but not a Blocker **LOW** – Low.