Code Review Defect List

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| Reviewer: \_Cory Dianovich\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | GH Repo: \_\_cdianovi\_review\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |
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| **ID #** | **Location** | | **Problem Description** | | Problem | | |
| **File and Line Number** | | **Category** | **Severity** | |
| 1 | PowerSetData  Line 3 | | No heading at top | | CG 1 | LOW | |
| 2 | InvalidOperationException  Line 19 | | No method banner for InvalidOperationException constructor with string argument | | CG 3 | LOW | |
| 3 | PowerSetData  Line 100, 114, 129 | | Duplicate code, same print statement loop after each powerset implementation. | | CS 1 | MJ | |
| 4 | PowerSetData  Line 26 | | \s is not a valid escape sequence, causes build error | | FD | BR | |
| 5 | PowerSetData  Line 12,13 | | Data fields are public instead of private | | CG 5 | MJ | |
| 6 | Item  Line 9 | | Lazy class, doesn’t have a getter or any other methods | | CS 5 | LOW | |
| 7 | PowersSet  Line 17,30,40,64,78,108,127,129,134 | | “{“ are all on a new line instead of at the end of the line | | CG 8 | LOW | |
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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.