# Code Review Defect List

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| Reviewer: Kyle McKinney | | | GH Repo: ser316-spring24A-Kmckinn8 | |  | |
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| **ID #** | **Location** | **Problem Description** | | Problem | | |
| **File and Line Number** | **Category** | | **Severity** |
| **1** | Game:185 | The makeGuess method is not implemented, rendering the game's core functionality non-operative. The method should fulfill its documented behavior. | | FD | | BR |
| 2 | Game:73 | The countCorrectLetters method does not update or return the result variable, making its purpose ineffective. | | FD | | BR |
| 3 | Game:120 | The constructor Game(String fixedWord, String name) sets this.name to "Anna" regardless of the name parameter provided. | | MD | | MJ |
| 4 | Game:26 | Inconsistent naming conventions, leaderboard not using camelCase. | | CS | | LOW |
| 5 | Main:9 | The Game class's answer field is directly accessed, which violates encapsulation principles. It's better to access such fields via getter methods to maintain class integrity and encapsulation. | | FD | | MJ |
| 6 | Main:17 | There's no check or handling for invalid input from the user in the Main class. This can lead to unexpected behavior or errors in Game.makeGuess if it's not designed to handle such inputs. | | FD | | MJ |
| 7 | Main:15 | camelCase is not used for newgame. | | CS | | 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.