CSCI 2134 Code Review Checklist[[1]](#footnote-1)

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| Participants: |  | |  |
|  | |  |
| Date: |  | Project: |  |
| Files: |  | | |

**Rating**: (**A**) Occasional occurrence (**B**) Frequent occurrence (**C**) Pervasive (really bad)

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| --- | --- | --- |
| **Hygiene and understandability** | Rating | Locations if present (File/Line #) |
| * Commented-out code fragments |  |  |
| * Magic numbers (instead of constants) |  |  |
| * Improper or inconsistent naming convention |  |  |
| **Formatting (adheres to code guidelines)** | Rating | Locations if present (File/Line #) |
| * Inconsistent indentation |  |  |
| * Inconsistent horizontal spacing: between operators, keywords |  |  |
| * Inconsistent vertical spacing between methods, blocks, classes, etc |  |  |
| **Comments** | Rating | Locations if present (File/Line #) |
| * Needless or redundant comments |  |  |
| * No method headers to document parameters and functional dependencies |  |  |
| * Inconsistent in format and level of detail |  |  |
| **Error Handling** | Rating | Locations if present (File/Line #) |
| * Confusing or incomplete error messages |  |  |
| * Unhandled boundary and edge cases (null, 0, negative) |  |  |
| * Unvalidated use of parameters or inputs |  |  |
| **Code Decisions** | Rating | Locations if present (File/Line #) |
| * Redundant code present |  |  |
| * Inappropriate accessibility (public, private, etc.) |  |  |
| * Unnecessary or redundant classes or objects |  |  |
| * Variables not in lowest scope |  |  |
| **Logic** | Rating | Locations if present (File/Line #) |
| * Out of bounds array indexes |  |  |
| * Incorrect conditions in conditional statements and loops |  |  |
| * Loops may not terminate |  |  |
| * Division by zero possible |  |  |

# Comments:

Briefly list the top three issues with the codebase being reviewed and describe what remediations you would recommend.

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1. Based on <https://courses.cs.washington.edu/courses/cse403/12wi/sections/12wi_code_review_checklist.pdf> [↑](#footnote-ref-1)