#### Design Review Checklist Template

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| Student | Eduardo Sánchez | Date | 3 Feb 2016 |
| Program | 5A | Program # | 5 |
| Instructor | Patricia Benavides | Language | JAVA |

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| --- | --- |
| Purpose | To guide you in conducting an effective design review |
| General | * Review the entire program for each checklist category; do not attempt to review for more than one category at a time! * As you complete each review step, check off that item in the box at the right. * Complete the checklist for one program or program unit before reviewing the next. |

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| --- | --- | --- | --- | --- | --- |
| Complete | * The program meets the reqs? * The output is what the user expect? * The User have an input entrance * The input is required | Y  Y  -  y |  |  |  |
| Logic | * Proper data structures? * Proper algorithms? * Recursion funcs have kickback? * All loops are not infinite? | Y  Y  Y  y |  |  |  |
| Names | * Variables with proper names, logic ones. * Function with proper names * Classes with CamelSintax * All with Camel * All brackets are ok? | Y  Y  Y  Y  Y |  |  |  |
| System Consideration | * Javator is setup? | y |  |  |  |
| Functional Use | * All the buttons are used? * Easy input? * Clear output? | Y  Y  Y |  |  |  |

**Code Review Checklist Template**

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| --- | --- | --- | --- |
| Student | Eduardo Sánchez | Date | 4.02.2016 |
| Program | 5a | Program # | 5 |
| Instructor | Pati Benavides | Language | JAVA |

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| Purpose | To guide you in conducting an effective code review |
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| Complete | * Code covers all of the design | x |  |  |  |
| Imports | * Please insert the proper imports, just the one you NEED!!! | x |  |  |  |
| Main | * Is the main in the proper class? | X |  |  |  |
| Classes Constructors | * Is well wrote? * All the variables are initialized? * Are u using this. Just when needed? | X  X  X |  |  |  |
| Classes Variables | * Are all the variables private? * Do they have getters && setters? | X  X |  |  |  |
| Classes functions | * Output correct? * Input correct? * Name correct? * Comments? | X  X  X  X |  |  |  |
| (), {}, [] | * Begin && end? | X |  |  |  |
| Output formatters | * If println: Correct capitalization? * Printf: Correct the sequence of values? * Is the GUI outputters correct | X  X  X |  |  |  |
| Logic operators | * Check every logic | X |  |  |  |
| Line-by-line check | * Instruction syntax * Proper punctuation ;;;; | X  x |  |  |  |