#### Design Review Checklist

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| Student | Hristina Koleva | Date | 23.10.2013 |
| Program | Personal Software Process (PSP) | Program # | 7 |
| Instructor | Valentina Ivanova | Language | C# |

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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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| Defect Log #  34 | Complete | * All requirements are covered by the design * - all specified outputs are produced * - all needed inputs are utilized | OK |
|  | Special Cases | * Check all special cases: * - empty, full, minimum, maximum, negative, zero * - out of limits, overflow, underflow * - handle incorrect input conditions | OK |
|  | * Logic | * Verify that program sequencing is proper: * that stacks, lists, etc. are in the proper order * Verify that all loops are properly initiated, incremented, and terminated | OK |
| 44, 45 | * Functional use | * Verify that all functions, procedures, or objects are fully understood and properly used in correct order * - Verify that the design implements all the requirements | OK |
|  | * Names | * Verify that: * all special names and types are clear or specifically defined * the scopes of all variables and parameters are self-evident or defined * all named objects are used within their declared scopes | OK |
| 38 | * Classes | * Verify that: * Each class represents single functionality. Do not mix responsibilities | OK |