Code Review Checklist

|  |  |  |
| --- | --- | --- |
| **Evento** | **Autor** | **Fecha** |
| Creación | Jorge Sarmiento | 15/04/2014 |
| Revisión de código | Diego Sanchez | 03/05/2014 |
| Revisión de código | Gustavo Suárez | 03/05/2014 |

**Code Review Checklist**

|  |  |  |  |
| --- | --- | --- | --- |
| Student | Nestor Andres Cabezas | Date | 12/04/2014 |
| Program | Ciclo 2 | Program # |  |
| Instructor | Luis Daniel Benavides Navarro | Language | Java |

|  |  |
| --- | --- |
| Purpose | To guide you in conducting an effective code 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. |

|  |  |
| --- | --- |
| **ID** | **Class / Interface** |
| 1 | ManejoArchivos |
| 2 | UseComparator |
| 3 | Contador |
| 4 | Clase |
| 5 | Diff |
| 6 | Archivo |
| 7 | Linea |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Category** | **Description** | **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| Complete | The code covers all of the design. | **√** | **√** | **√** | **√** | **√** | **√** | **√** |
| Names | - Variables use camel case style.  - Constants use uppercase style.  - Name of methods, classes, interfaces, variables and constants are descriptive. | **√** | **√** | **√** | **√** | **√** | **√** | **√** |
| Comments | * Classes : Description, since, author, program assignment * Methods: Description, In/Out parameters, exceptions * Method variables: short description. * Code blocks: short description. | **√** | **√** | **√** | **√** | **√** | **√** | **√** |
| Initialization | * Class variables are defined at the beginning of the class. * Method variables are defined and initialized at the beginning of the method. * Control statements variables are defined and initialized at the beginning of the code block. | **√** | **√** | **√** | **√** | **√** | **√** | **√** |
| Indentation | * Code blocks are indented | **√** | **√** | **√** | **√** | **√** | **√** | **√** |
| File opened and closed | * Files are:   + Opened before read.   + Closed after read. | N/A | N/A | N/A | N/A | **√** | N/A | N/A |
| Exception handling | * Checked exceptions catched. * Runtime exceptions not catched * Catch block not empty. | **√** | N/A | N/A | N/A | **√** | **√** | N/A |