**Code Review Form**

|  |  |
| --- | --- |
| Developer’s name: (person whose code is being reviewed) |  |
| Lab assignment number and group: |  |
| Reviewer’s name: |  |
| Date: |  |

Instructions

A reviewer will complete the “Beta” column of this form for the developer. The developer will revise their code based on the review. After revising their code, the developer will fill out the “Release” column of this form to indicate what they have fixed.

|  |  |  |
| --- | --- | --- |
| **Criteria** | **Beta** | **Release** |
| Does it compile without errors? |  |  |
| Does it run without crashing? |  |  |
| Does the style conform to our class standards?  (List any issues below) |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
| Does the app meet all the requirements of the lab assignment?  (List any issues below) |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
| Does the app produce correct results?  (List any issues below) |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
| Do the design and implementation conform to OOP best practices?  (List any issues below) |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Comments:

**Appendix**

Aspects of coding style to check

* Is proper indentation used?
* Are the HTML elements and variables named descriptively?
* Have any unnecessary lines of code or files been removed?
* Are there explanatory comments in the code?
* Do variable names use camelCase?
* Are properties, methods and classes named using PascalCase (aka TitleCase)?
* Are constant names written using ALL\_CAPS?

Best practices in Object Oriented Programming

* Is the code DRY (no duplicated blocks of code)?
* Are named constants used instead of repeated literal constants?
* Is code that does computation or logical operations separated into its own class instead of being added to the code-behind?
* Are all instance variables private?
* Are local variables used instead of instance variables wherever possible?
* Does each method do just one thing (no “Swiss Armey” methods)?
* Are classes “loosely coupled” and “highly coherent”?