Checklist for Developers

- My code compiles
- My code has been developer-tested and includes unit tests
- My code includes Comments where appropriate. Verify that comments are comprehensible and add something to the maintainability of the code(Comments are neither too numerous nor verbose)
- Verify code meets functional requirement: first and foremost does code meets all requirements which it should met, point out if anything has been left out.
- Naming of variables and methods and classes is very important so they should be selected carefully
- Functions should not take too many input parameters (1 parameter is enough, 2 is acceptable, avoid more then 3)
- Verified is there any Side effect of this change
- My code is tidy (indentation, line length, no commented-out code, no spelling mistakes…etc.,)
- I have considered proper use of exceptions
- I have made appropriate use of logging
- I have eliminated unused imports/using
- I have eliminated Eclipse/Visual Studio warnings
- Verify whether the code follows the Coding Standards
- Are there any leftover stuffs or test routines in the code?
- Readability and maintenance: does code is readable? Verify that whether code is configurable or not, look for any hard coding, find out what is going to be changed in near future etc.
- Was performance considered?
- Was security considered?
- Does the code release resources? (HTTP connections, DB connection, files, etc)
- Avoid excessive synchronization, Keep Synchronized Sections Small
- Any workaround applied for a known limitation of the frameworks, technologies…etc., are documented

- Thread safety and possible deadlocks taken cared
- Elusive bugs are identified and fixed