# **Code Review Checklist**

| **Project Name:** |  |
| --- | --- |
| **Tech Lead / Developer** |  |

|  | **Check List** | | **Compliance (Y/N)** | **Remarks/**  **Root Cause** | **Corrective action** | **Tracking (O/C/R/P) O: Open, C: Closed, R: Resolved, P: Pending** |
| --- | --- | --- | --- | --- | --- | --- |
| **Check for Standards** | | | | |  |  |
|  | Is the Program structured well for future maintainability? | |  |  |  |  |
|  | Is coding done per the language-specific coding standards? | |  |  |  |  |
|  | Is the code commented well for future maintainability? | |  |  |  |  |
| **Program Logic Check** | | | | | | |
|  | Is the program verified for absence of Hard Coding | |  |  |  |  |
|  | Is the program verified for the absence of Unwanted code? | |  |  |  |  |
|  | Is the re-usability factor considered wherever applicable? | |  |  |  |  |
|  | Are Boundary Conditions handled? | |  |  |  |  |
|  | Are all aspects identified in the Program Specifications addressed | |  |  |  |  |
|  | Are Error and Information messages aligned with what is identified in design documents? | |  |  |  |  |
|  | Does the code have enough stubs to facilitate testing and debugging? | |  |  |  |  |
|  | Is the Program checked for performance bottlenecks? | |  |  |  |  |
| **Environment Re-production Check** | | | | | | |
|  | Is the list of all required resources identified and documented | |  |  |  |  |
|  | Are scripts required to generate the Database available? | |  |  |  |  |
|  | Are Installation, Configuration, Technical, and User manuals available (as required) | |  |  |  |  |
| **Other items to be checked (Can be added)** | | | | | | |
|  |  | |  |  |  |  |
|  |  | |  |  |  |  |

| Reviewed BY |  |
| --- | --- |
| Time spent on review |  |
| Review disposition |  |
| Remarks |  |