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| **Work Product(s) under Review** |  |
| **Product / System name** |  |
| **Product/Name ID** |  |
| **Configuration ID** |  |
| **Product type** | **Audit** |
| **Product(s) Owner** |  |
| **Reviewer(s)** |  |
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| **Review date** |  |
| **Standard(s) applied** |  |
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# **Review Form**

|  | **Approved**  **Y/N** | **Item** | **Required actions / Comments** |
| --- | --- | --- | --- |
|  |  | **Incoming Transition Criteria** |  |
|  |  | Pre: Is the use case defined? |  |
|  |  | Pre: Does use case trace to set of requirements? |  |
|  |  | Pre: Does use case have 3+ scenarios? |  |
|  |  | Pre: Does use case have a normative state machine? |  |
|  |  |  |  |
|  |  | **Task: Identify Classes & Objects** |  |
|  |  | Is there at least one class diagram with classes and/or objects? |  |
|  |  | Does the class diagram identify its mission statement? |  |
|  |  | Do all classes have at least one relation to another? |  |
|  |  | Are all data elements private or protected? |  |
|  |  | Are preconditions and assumptions identified for all classes, functions, and methods? |  |
|  |  | Does every class, function, method, and data structure have a description of the specified format? |  |
|  |  |  |  |
|  |  | **Develop Unit Test Plan** |  |
|  |  | Is there a unit test plan? |  |
|  |  | Is every identified class or object a subject of a set of test cases? |  |
|  |  | Is every requirement represented by at least one test case? |  |
|  |  | Are all control paths tested? |  |
|  |  | Are all data elements used in at least one test? |  |
|  |  | Are all relations subject to at least one test? |  |
|  |  | Are there boundary value tests? |  |
|  |  | Are violations to preconditions and assumptions tested? |  |
|  |  | For all state machines, is every transition visited in at least one test? |  |
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|  |  | **Translate** |  |
|  |  | Is there source code for each class, function, and data structure? |  |
|  |  |  |  |
|  |  | **Validate the Collaboration** |  |
|  |  | Have all defined test cases been executed? |  |
|  |  | Have test records from previous tests runs been stored? |  |
|  |  | Have defects identified in previous tests been repaired? |  |
|  |  |  |  |
|  |  | **Perform review** |  |
|  |  | Has a review been scheduled according to the SDP? |  |
|  |  | Has a meeting been scheduled and allocated with all appropriate attendees invited? |  |
|  |  | Was review material sent out in a timely fashion? |  |
|  |  | Was the review performed? |  |
|  |  | Were review action items addressed in a subsequent review? |  |
|  |  |  |  |
|  |  | **Exit Transition Criteria** |  |
|  |  | Model is complete |  |
|  |  | Model corresponds to source code |  |
|  |  | Source code has been unit tested |  |
|  |  | Model, source code, test plan, and test results are put into configuration management system |  |
|  |  | Source code has been integrated into team build without breaking build |  |
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