

Peer Review Template

- 1) For each scenario, first cut and paste the scenario from the utility tree into the table below in the **Scenario** row.
- 2) Cut and paste the Attribute and Attribute Concern from the utility tree into the table below in the **Attribute** and **Attribute Concern** rows, respectively.
- 3) If it is not already done, refine the scenario into the six-part format in the **Scenario Refinement** rows: stimulus, stimulus source, environment, artifact, response, and response measure.
- 4) Start the analysis with collecting the architecture approaches utilized to fulfill this scenario. Record this information in the table in the column labeled **Architectural Approaches**.
- 5) Record any risks that arise in the appropriate column labeled **Risks** in the table below. For the peer review we define that risk are used architecture approaches that may cause problems. This that are missing in the architecture are recorded as to do items.
- 6) Record actions that need to be resolved before the scenario can be considered done in the row labeled **To Do**
- 7) Record the diagrams / documentation used to provide the evidence that the scenario is fulfilled in the row labeled **Used Documentation**.
- 8) Cut and paste this table template for each scenario.

| Scenario <R1> | | |
|---------------------------------|---|--|
| Scenario | The current Field System Simulator (FSS) is set to change a value or trigger an alarm and notifies MSLite. The field system simulator sends 1000 COV notifications per minute for 2 minutes. The MSLite system will preserve any notifications that are initiated from either the MSLite system or from the FSS. Hence, no notifications or events can be lost. | |
| Attribute | Reliability | |
| Attribute Concern | Alarm/Event propagation | |
| Scenario Refinement | Stimulus | FSS is set to change a value or trigger an alarm |
| | Stimulus Source | FSS (external to the system) |
| | Environment | Stress load: 1000 COV notifications per minute for 2 minutes |
| | Artifact | MSLite System |
| | Response | MSLite processes all events |
| | Response Measure | No notifications or events are lost. |
| Architectural Approaches | List the architectural approaches relevant to this scenario that affect the quality attribute response. | |
| Risks | List any discovered risks. Note what decision was made (or not made) to cause the risk, the context in which it occurs, and its consequence. For the peer review we list as risks used approaches that can cause trouble | |

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|---------------------------|---|
| To Do | In the peer review we list everything that is missing as to do items. |
| Used Documentation | List the diagrams and other documentation used during the peer review that provide the evidence |
| Notes | |
| Result | Agreed upon result of the ATAM-style peer review |