

## Complete Rummy - O Design Review Checklist

Green => checked || Red => unchecked || Yellow => ambiguous

ID	Defect Type	Items to Examine
<b>Organization and Structure of the Documentation</b>		
1	Standards	Have documented system requirements been used as the basis for selecting a design methodology.
2	Unverified	Have the necessary resources to perform software design activities on the project (i.e., estimated staff, development tools) been identified?
3	Standards	Has a system design been developed?
4	Unverified	Has a software architecture been identified by using a documented design methodology?
5	Standards	Have system architecture entities, inputs, and outputs been derived from the software structure?
6	Standards	Have user interfaces been designed in consultation with the users?
<b>Completeness and Correctness</b>		
7	Complete	Can critical software requirements be traced through the architecture (e.g. via use cases)?
8	Incomplete	Are all software requirements covered in the design?
9	Complete	Can the software components be independently constructed?
10	Complete	Are interfaces and external functionality of the high-level components described in detail?
11	Complete	Are the relationships between the components explicitly documented?
12	Complete	Can the components be implemented or bought, and then integrated together?
13	Complete	Are design decisions documented explicitly and motivated?
<b>Consistency and Clarity</b>		
14		Are the design artifacts clear and well described?
<b>Traceability</b>		
15	Interface	Is each design artifact traceable to the requirements?