CPSC 8070: Software Verification & Validation.
Project Milestone 2: Requirements Review Checklist for Multi Elevator System.
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Intended use of this checklist	This document has questions (checklist) for someone who is examining the requirement specification for Multi Elevator System. Answers to these questions will explain if the document is adequate. These are basically for review of requirement specification of Multi Elevator System.

ID	Defect Type	Items to Examine	Priority
Structure of the Requirement			
1	Standards	Is the integrity level of each defect defined?	1
2	Standards	Is the description of each requirement is clear?	5
3	Standards	Rationale of each defect is defined and meaningful?	2
4	Standards	Does the requirements relate to other requirements in the list?	5
5	Standards	Are the priority of each defect defined?	3
6	Unverifiable	Does the Test scenarios have been described for all requirements?	4
Completeness and Correctness			
7	Correctness	One requirement does not clash with other requirement?	3
8	Incomplete	Are the requirements can be traceable?	1
9	Incomplete	All Scenarios where Elevator needs to stop defined?	2
10	Incomplete	Does requirement for each elevator is specified?	4
11	Incomplete	Is there any dependencies on the system which is not available?	1
12	Incomplete	How much power supply is available?	2
13	Incomplete	Weight which each elevator can carry is specified?	2
14	Incomplete	Does the requirement has any limitations of the infrastructure?	5
15	Incomplete	Are all security requirements properly specified?	3
16	Incomplete	Are all safety requirements properly specified?	3
17	Incomplete	Does the deadline of requirement has been provided?	4
18	Interface	How many ERS panel are required?	4
19	Interface	Does the number of floor in the building are specified?	5
Consistency and Clarity			
20	Inconsistent	Does the requirement in sync with elevator manual?	3
21	Inconsistent	Multiple requirement for similar task?	4
22	Inconsistent	One requirement counters other requirement?	2
23	Ambiguous	Scenario for each requirement are different?	1
24	Unverifiable	Requirement verification procedure available?	3
25	Unverifiable	Are the fault tolerance for each requirement available?	3

ID	Defect Type	Items to Examine	Priority
Traceability			
26	Interface	Does number of elevator needs to be working at a time defined?	4
Functional			
27	function	Does the context of requirement clear?	2
28	function	Does all elevator needs to work in night.?	3
Special Issues			
29	Other	Is there any specific requirement for any specific time of the day?	5
30	Other	Does the software requirement is confused with system requirement?	3