Design Phase Defects Checklist

Nr.	Check Point / Defect Statement	Check Mark (√) the Appropriate Column	
		Yes	**N/A**
D_01	Is the overall organization of the program clear, including good architectural overview?		
D_02	Is the subsystem and package partitioning and layering logically consistent?		
D_03	Does the architecture account for all of the requirements?		
D_04	Are the classes in a subsystem supporting the services identified for the subsystem?		
D_05	Is there a coherent error handling strategy provided?		
D_06	Have classic design patterns been considered where they might be incorporated into the architecture?		
D_07	Is the name and description of each class clearly reflecting the played role?		
D_08	Is the description of each class accurately capturing the responsibilities of the class?		
D_09	Are the role names of aggregations and associations accurately describing the relationship between the related classes?		
D_10	Are the key entity classes and their relationships are consistent with the business model (if it exists), domain model (if it exists), requirements?		
D_11	Comments		

Sources

[1] http://geekswithblogs.net/JamesFleming/archive/2010/09/18/software-architectural-checklist.aspx

[2]http://deg.egov.bg/LP/core.base_rup/guidances/checklists/software_architecture_document_D261D8F3.html

[3] http://m.softwaretestinggenius.com/?page=details&url=unit-design-phase-defects-checklist