

### Architectural Design Phase Defects Checklist

| Nr. | Check Point / Defect Statement   | Check Mark (✓) the Appropriate Column |     |
|-----|--|---------------------------------------|-----|
|     |  | Yes                                   | N/A |
| A01 | Is the overall organization of the program clear, including good architectural overview?   | ✓                                     |     |
| A02 | Is the subsystem and package partitioning and layering logically consistent?   | ✓                                     |     |
| A03 | Does the architecture account for all of the requirements?   | ✓                                     |     |
| A04 | Are the classes in a subsystem supporting the services identified for the subsystem?   | ✓                                     |     |
| A05 | Is there a coherent error handling strategy provided?  |                                       | ✓   |
| A06 | Have classic design patterns been considered where they might be incorporated into the architecture?   | ✓                                     |     |
| A07 | Is the name and description of each class clearly reflecting the played role ?   |                                       | ✓   |
| A08 | Is the description of each class accurately capturing the responsibilities of the class?   |                                       | ✓   |
| A09 | Are the role names of aggregations and associations accurately describing the relationship between the related classes?                              |                                       | ✓   |
| A10 | Are the key entity classes and their relationships are consistent with the business model (if it exists), domain model (if it exists), requirements? | ✓                                     |     |

Quellen: <http://geekswithblogs.net/JamesFleming/archive/2010/09/18/software-architectural-checklist.aspx>  
[http://deg.egov.bg/LP/core.base\\_rup/guidances/checklists/software\\_architecture\\_document\\_D261D8F3.html](http://deg.egov.bg/LP/core.base_rup/guidances/checklists/software_architecture_document_D261D8F3.html)