**Requirements Phase Defects Checklist**

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| --- | --- | --- | --- |
| **Nr.** | **Check Point / Defect Statement** | **Checkmark** | |
| **YES** | **NO** |
| R01 | Requirements are incomplete. | x |  |
| R02 | Requirements are missing. | x |  |
| R03 | Requirements are incorrect. |  | x |
| R04 | Initialization of the system state has not been considered. | x |  |
| R05 | The functions have not been defined adequately. | x |  |
| R06 | The user needs are inadequately stated. | x |  |
| R07 | Comments. |  | x |

**Architectural Design Phase Defects Checklist**

|  |  |  |  |
| --- | --- | --- | --- |
| **Nr.** | **Check Point / Defect Statement** | **Checkmark** | |
| **YES** | **NO** |
| 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 responsabilities of the class? |  |  |
| A09 | Are the role names of aggregation and associations accurately describing the relationship between the related classes? |  |  |
| A10 | Are the key entity classes and their relationships consistent with the domain model (if exists) and requirements? |  |  |

**Coding Phase Defects Checklist**

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| --- | --- | --- | --- |
| **Nr.** | **Check Point / Defect Statement** | **Checkmark** | |
| **YES** | **NO** |
| C01 | Decision logic or sequencing is erroneous or inadequate. | x |  |
| C02 | Branching is erroneous. |  | x |
| C03 | There are undefined loop terminations. |  | x |
| C04 | I/O format errors exist. |  | x |
| C05 | Subprogram invocations are violated. |  | x |
| C06 | There are errors in preparing or processing input data. |  | x |
| C07 | Output processing errors exist. |  | x |
| C08 | Error message processing errors exist. | x |  |
| C09 | There are confusion in use of the parameters. |  | x |
| C10 | There are errors in loop counters. |  | x |
| C11 | Errors are made in writing out variable names. |  | x |
| C12 | Variable type and dimensions are incorrectly declared. |  | x |

**Report review**

Document title: ProiectColectiv

Author name: 731

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| **Crt. Nr.** | **Checked Item** | **Doc page/line** | **Comments/ improvements** |
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