**Requirements Phase Defects Checklist**

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

**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. |  |  |
| C02 | Branching is erroneous. |  |  |
| C03 | There are undefined loop terminations. |  |  |
| C04 | I/O format errors exist. |  |  |
| C05 | Subprogram invocations are violated. |  |  |
| C06 | There are errors in preparing or processing input data. |  |  |
| C07 | Output processing errors exist. |  |  |
| C08 | Error message processing errors exist. |  |  |
| C09 | There are confusion in use of the signs. |  |  |
| C10 | There are errors in loop counters. |  |  |
| C11 | Errors are made in writing out variable names. |  |  |
| C12 | Variable type and dimensions are incorrectly declared. |  |  |

**Report review**

Document title:

Author name:

Reviewer name:

Review date:

|  |  |  |  |
| --- | --- | --- | --- |
| **Crt. Nr.** | **Checked Item** | **Doc page/line** | **Comments/ improvements** |
| 1 | A02 | 1 | The layering is not logically consistent. The service that works with skills also does operations with skillProfile. Skill and SkillProfile should have their own service. |
| 2 | A05 | 1 | There is no error handling strategy provided. |
| 3 | A06 | 1 | No design patterns where used. |
| 4 | R06 | 1 | There are requirements that are repeated. |
| 5 | R01-R02 | 1 | The attributes and types of the fields are not specified. |
| 6 | R01 | 1 | Requirements are incomplete, there is not enough information that describes each scenario. |
| 7 | R05 | 1 | It is not clear how many user roles there are and each what sort of functions has each user. |
| 8 | C01 | 1 | The logic in the frontend part for the employee skill profile is not properly implemented. (ex: the search bar is not well implemented) |
| 9 | C08 | 1 | In the frontend part there are some error handlings with wrong message. |
| 10 | C08 | 1 | Ts lint error appears. |
| 11 | C05 | 1 | The output message for successfully made backend call from frontend does not exist in some places. (ex: employee skill profile line 162) |
| 12 | C01 | 1 | There are some “console log” left in the program in frontend part. (ex:employee skill profile line 200) |
| 13 | C01 | 1 | There are unlogical comments left in the program in frontend. (ex:employee skill profile line 143) |
| 14 | C01 | 1 | There are unused vaiables left in the program in frontend. |
| 15 | C09 | 1 | Wrongly placed “==” instead of “===” (profile component line 40). |
| 16 | C01 | 1 | Error handling using “alert” instead of toastr service. |
| 17 | R01 | 1 | No specification for the type of photo that should be uploaded. |
| 18 | R01 | 1 | Masterdata of regions without specifying the type of region: City? County? |