**<SYSTEM> Requirements Specification**

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| Preparation: | Reviewers: | Approval: |
| Author |  |  |

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| **ID** | **Object Type** |  | **Parent Requirement** | **Rationale** |
| --- | --- | --- | --- | --- |
| Req\_1 | Title | Introduction |  | N.A |
| Req\_249 | Title | Purpose |  | N.A |
| Req\_3 | Info | The purpose of this specification is to describe the functionality for the system <SYSTEM>. The system will be developed within the scope of xx project. |  | N.A |
| Req\_248 | Title | Background and Context |  | N.A |
| Req\_250 | Info | Add here any background information necessary for the reader to understand this specification. |  | N.A |
| Req\_246 | Title | Traceability and Notation |  | N.A |
| Req\_247 | Info | *Parent Requirement* attribute may be used to identify the requirement(s) of the higher level of abstraction that justify the existence of a requirement. Requirements from which a requirement derives.  To say it differently, a requirement must justify the compliance with the requirement(s) of the superior level listed in its Parent Requirement attribute. |  | N.A |
| Req\_211 | Info | The *Rationale* attribute may be used to write down the reasons that justify the existence of a requirement without Parent Requirements.  That is, there may be requirements that do not derive from requirements of a superior level; they may respond to arbitrary design decissions, design restrictions of different types etc. These cases may be explained in the *Rationale* attribute.  Rationale shall be N.A (not applicable) if not used. |  |  |
| Req\_64 | Info | Describe here any special notation that will be used in this specification |  | N.A |
| Req\_5 | Title | Definitions |  | N.A |
| Req\_7 | Title | Acronyms |  | N.A |
| Req\_8 | Info | List here the acronyms used and their meaning. |  | N.A |
| Req\_9 | Title | Definitions |  | N.A |
| Req\_10 | Info | List and describe here the terms that may not be common knowledge |  | N.A |
| Req\_11 | Title | References |  | N.A |
| Req\_68 | Title | CAF Group Documents |  | N.A |
| Req\_69 | Info | List here any external document that may be cited in the specification. Make sure the document referenced is available for the reader (via hyperlink or similar). |  | N.A |
| Req\_14 | Title | General Description |  | N.A |
| Req\_15 | Title | Users and Use cases |  | N.A |
| Req\_237 | Info | The following system users are identified:  List and description |  | N.A |
| Req\_236 | Info | Use case diagram. |  | N.A |
| Req\_16 | Title | System Boundary and Interfaces |  | N.A |
| Req\_200 | Info | <SYSTEM> Boundary  Remove the examples below and add a diagram showing what is considered the S*ystem* in this specification and what falls outside the boundary (and is *Context*) |  |  |
| Req\_238 | Info | System interfaces diagram  Consider using a diagram for interfaces. The same diagram may be used to display boundary and interfaces. |  | N.A |
| Req\_239 | Info | The following are the <SYSTEM> interfaces.  List and describe |  | N.A |
| Req\_240 | Title | Assumptions and non-goals |  | N.A |
| Req\_241 | Info | Write here the non-obvious assumptions that have been made when doing this specification, if there are any. |  | N.A |
| Req\_242 | Info | Write here the non-obvious non-goals that have been set in relation to the <SYSTEM>, if there are any. |  | N.A |
| Req\_74 | Title | System Functions |  | N.A |
| Req\_75 | Info | List here the major system functions and their brief description. |  | N.A |
| Req\_18 | Title | System Requirements |  | N.A |
| Req\_19 | Title | Function 1 |  | N.A |
| Req\_535 | Requirement | The system shall… |  | N.A |
| Req\_100 | Title | Function 2 |  | N.A |
| Req\_101 | Requirement | When XX, the system shall… |  | N.A |
| Req\_102 | Title | xx |  | N.A |
| Req\_103 | Requirement | List here, organized in sections, requirements that may not be part of a function. Sections here may include  - Operating Modes Requirements  - Configuration Requirements  - Test Requirements  - Cost Requirements  - Quality Requirements  - Tooling Requirements  - Standards and Legal Requirements  - Performance Requirements  - Interface Requirements  - Environmental Requirements  - Noise Requirements  - Shock and Vibration Requirements  - Fire and Smoke Requirements  - Electrical Safety Requirements  - RAMS (Reliability, Availability, Maintainability and Safety) Requirements  - Electromagnetic (EMC) Requirements  - Maintenance and Service Life Requirements  - Fabrication and Assembly Requirements  - Installation Requirements  - Material Requirements  - Mechanical Requirements  - Cooling Requirements  - Protections Requirements  - Diagnostic Requirements  - Documentation Restrictions  - Company Internal Requirements  - Development Requirements |  | N.A |