**Version History**

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| --- | --- | --- | --- | --- | --- |
| ***Ver. No.*** | ***Authors*** | ***Date*** | ***Reviewers*** | ***Review Date*** | ***Release Date*** |
| 1.0 | Application Development Team | 27-Aug-2018 | QMF | 31-Aug-2018 | 03-Sep-2018 |
| 2.0 | Application Development Team | 10-Dec-2019 | QMF | 13-Dec-2019 | 16-Dec-2019 |
| 3.0 | Application Development Team | 02-Nov-2020 | QMF | 06-Nov-2020 | 10-Nov-2020 |
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**Change History**

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| ***Ver. No.*** | ***Section*** | ***Date*** | ***Change Information*** | ***RFC No.*** |
| 1.0 | All | 03-Sep-2018 | New Release | - |
| 2.0 | All | 16-Dec-2019 | New Release | - |
| 3.0 | All | 10-Nov-2020 | Annual Review |  |
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**GUIDELINES FOR DEFINITION OF CONSTRAINTS**

1. **Objectives**

The objective of this document is to assist in defining the system related constraints.

1. **Scope**

This document is applicable to all software engineering projects.

1. **Document Structure, Glossary of Terms, etc.**
2. Hardware
3. Software
4. Users
5. Application
6. Implementation
7. Environmental
8. Others
9. **Hardware**
10. Define all the constraints related to hardware like

* CPU speed
* Memory availability
* Disk space
* Communication related issues

1. **Software**
2. Define all the constraints of proposed software tools’ limitations vis-à-vis the required functionality like

* Capability of the tool to meet the expected functionality
* Availability of the software tools
* Availability of number of licenses

1. **Users**
2. Define all the constraints related to users like

* Familiarity with the proposed environment
* Expertise required to maintain and manage the system

1. **Application**
2. Define all the constraints related to the proposed application like

* Interfaces
* Data Migration

1. **Implementation**
2. Define all the constraints related to implementation like

* Parallel operation
* Audit functions
* Criticality of the system

1. **Environmental**
2. Define all the constraints related to Environment like

* Safety and security considerations
* Regulatory policies (any and all regulatory policies in the countries of execution and /or implementation)
* Language requirements

1. **Others**
2. Define all the constraints related to

* Schedule
* Budget
* Hardware life span
* Software life span