**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 |
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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 | 03-Sep-2018 | New Release | - |
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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