



Technical Requirements Document
Project Name
Version

Your Company Name

Technical Requirements Document

Date

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Revision History

Date	Version	Author	Change

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1 Overview

Briefly state the system, infrastructure, and software to which this document applies.

- *Summarize the system development, operations, and maintenance related to this project.*
- *Identify the project sponsor, user, developer, and support groups.*
- *Identify current and planned operating sites.*
- *High-level overview and technical summary of implementing the business requirements.*

1.1 Purpose and Scope

Provide information about the purpose and scope of this technical requirements document. Provide an overview of the technical architecture as it applies to the proposed solution. Indicate the information that will be included and what is out of scope for this project, e.g., it may include information about development and infrastructure but not production support.

1.2 Referenced Documentation

Provide information about all documentation referenced in this document, e.g., number, title, version, and date.

Document Number	Version	Date	Document Name



1.3 Requirement Assumptions and Support Considerations

Provide information about technology tools, environment conditions, and other support considerations that can affect the project, if applicable.

For example:

- *Behavioral (how it will behave (from a user's point of view) in meeting its requirements, ignoring internal implementation).*
- *Constraints include issues such as throughput, response time, CPU utilization, etc. Use a separate sub-section for each constraint if necessary.*
- *Decisions affecting the selection and design of the system, application or software.*
- *Decisions that respond to requirements designated critical, such as those for safety, security, or privacy.*
- *Decisions depending on system states or modes.*
- *Decisions regarding inputs it will accept and outputs it will produce, including interfaces with other systems.*
- *Decisions on behavior in response to each input or condition, including:*
 - *Actions it will perform*
 - *Response times and other performance characteristics*
 - *Description of physical systems modeled*
 - *Selected equations, algorithms, rules, and handling of non-acceptable inputs or conditions.*
- *Decisions on how databases and data files will appear to the user.*



2 Specific Technical Requirements

This section contains all the requirements in sufficient detail that can be used to develop a system design and allow testers to test the system.

2.1 Technical Requirements

This area focuses on the technical requirements that are required or needed within the system.

- *Mandatory - "Must Have" Represents the core functionality and must be included in the solution.*
- *Desirable - "Nice to have" Requirements " Once all mandatory requirements are met and sufficient resources are available.*

2.1.1 System Requirements

Provide the overall system requirements.

2.1.2 Network Requirements

Provide the network requirements.

2.1.3 Database Requirements

Provide the database requirements.

2.1.4 User Interface Requirements

Provide the user interface requirements.

2.1.5 System Interface Requirements

Provide the system interface requirements.

2.1.6 Security Requirements

Provide the security requirements.



3 APPENDIX

Use this section to provide detailed technical requirements.

Reference #	Technical Requirement	Classification; Mandatory or Desirable	Description	Comments