(o) : Optional

**Table of Contents**

I Project Description

1 Project Overview

2 The Purpose of the Project

2a The User Business or Background of the Project Effort (o)

2b Goals of the Project

3 The Scope of the Work

3a The Current Situation

3b The Context of the Work

3c Work Partitioning (o)

3d Competing Products

7 Naming Conventions and Definitions (Whichever is not applicable can be deleted)

7a Definitions of Key Terms

8 Relevant Facts and Assumptions

8a Facts

8b Assumptions

II Requirements

9 Product Use Cases

9a Use Case Diagrams

9b Product Use Case List

10 Functional Requirements

11 Data Requirements

12 Performance Requirements

12a Speed and Latency Requirements

12b Precision or Accuracy Requirements (o)

13a Reliability Requirements

13b Availability Requirements

13c Robustness or Fault-Tolerance Requirements (o)

13d Safety-Critical Requirements (o)

14 Maintainability and Supportability Requirements (O)

14a Maintenance Requirements

14b Supportability Requirements (o)

14c Adaptability Requirements

14d Scalability or Extensibility Requirements

14e Longevity Requirements (o)

15 Security Requirements

15a Access Requirements

15b Integrity Requirements (o)

15c Privacy Requirements (o)

15d Audit Requirements

15e Immunity Requirements (o)

16e Accessibility Requirements

16f User Documentation Requirements

17 Look and Feel Requirements

17a Appearance Requirements (o)

18 Operational and Environmental Requirements

18a Expected Physical Environment

18b Requirements for Interfacing with Adjacent Systems (o)

8

39 Risks

40 Costs

42 Ideas for Solutions

III Software Quality Assurance

43Metrics

43a Customer Satisfaction Measurements

43b Process Improvement Metrics

43c Human Resources and Training Metrics

43d Project Management Metrics

43e Development Quality Metrics

43f Quality Audit Metrics

43g Customer Care Metrics

43h Miscellaneous Metrics (o)

44Conformance or compliance with Standards

44a Applicable ISO Standards

44b Applicable IEEE Standards

44c Applicable DoD Standards (if any)

VI Glossary

VII References / Bibliography

VIII Index