

Software Requirements

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Introduction

- Requirements Engineering - process of eliciting, analyzing, validating, and managing requirements
- IEEE standards such as IEEE Std 830-1998 provide guidelines for recommended practices

Requirements

- Defining Requirements
- - property of the system or a constraint placed either upon the product itself or upon the process by which the system is created.
Formally IEE Std 610.12.1990 - 1) A condition or capability needed by a user to solve a problem or achieve an objective
- 2) A condition or capability that must be met or possessed by a system or system component to satisfy a contract, standard, specification, or other formally imposed documents.
- 3) A documented representation of a condition or capability as in (1) or (2).