

Requirement Engineering

Requirement Validation

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Requirement Validation

- The process of checking that requirements actually define the system that the customer really wants
- Overlaps with analysis as it is concerned with finding problems with the requirements
- Important because errors in a requirements document can lead to extensive rework costs when these problems are discovered during development or after the system is in service
 - The cost of fixing a requirements problem by making a system change is usually much greater than repairing design or coding errors

Requirements Validation Checks

- Consistency checks
- Completeness check
- Realism check
- Verifiability

Requirement Validation Techniques

- Requirements reviews
- Prototyping
- Test-case generation

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