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Object Oriented Analysis & Design Module-3 (RL 3.3.1)

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What is Operation Contracts

Why Operation Contracts?



- Details missing from System Sequence Diagram
- What an Analyst Reflect in Operation Contract?

What is Operation Contract?



- Operation Contracts are documents that describe system behavior.
- Operation Contracts may be defined for **system operations**.
 - Operations that the system (as a black box) offers in its public interface to handle incoming system events.
- The entire set of system operations across all use cases, defines the public system interface.

System Operations and the System Interface



- In the UML the system as a whole can be represented as a class.
- Contracts are written for each system operation to describe its behavior.

