

# Model Writer

## Work Package 1 - Industrial Use Cases and Requirements

*Integration with Application Lifecycle Management tools*

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# Requirement Work Item

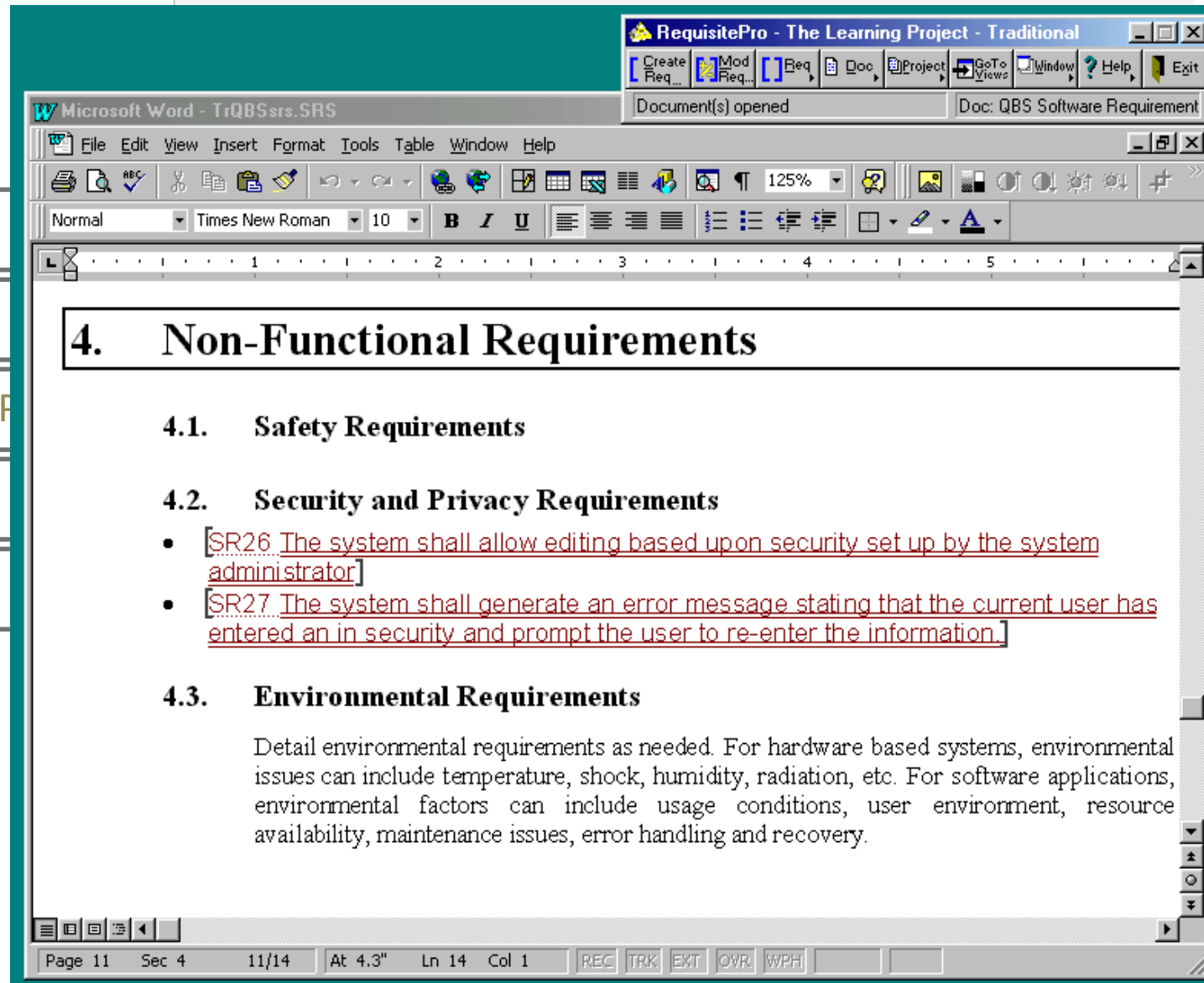
Customized Form

Attributes

WorkItem Number P

History

Discussion



**RequisitePro - The Learning Project - Traditional**

Document(s) opened Doc: QBS Software Requirement

**Microsoft Word - TrQBSrs.SRS**

File Edit View Insert Format Tools Table Window Help

Normal Times New Roman 10 B I U

## 4. Non-Functional Requirements

### 4.1. Safety Requirements

### 4.2. Security and Privacy Requirements

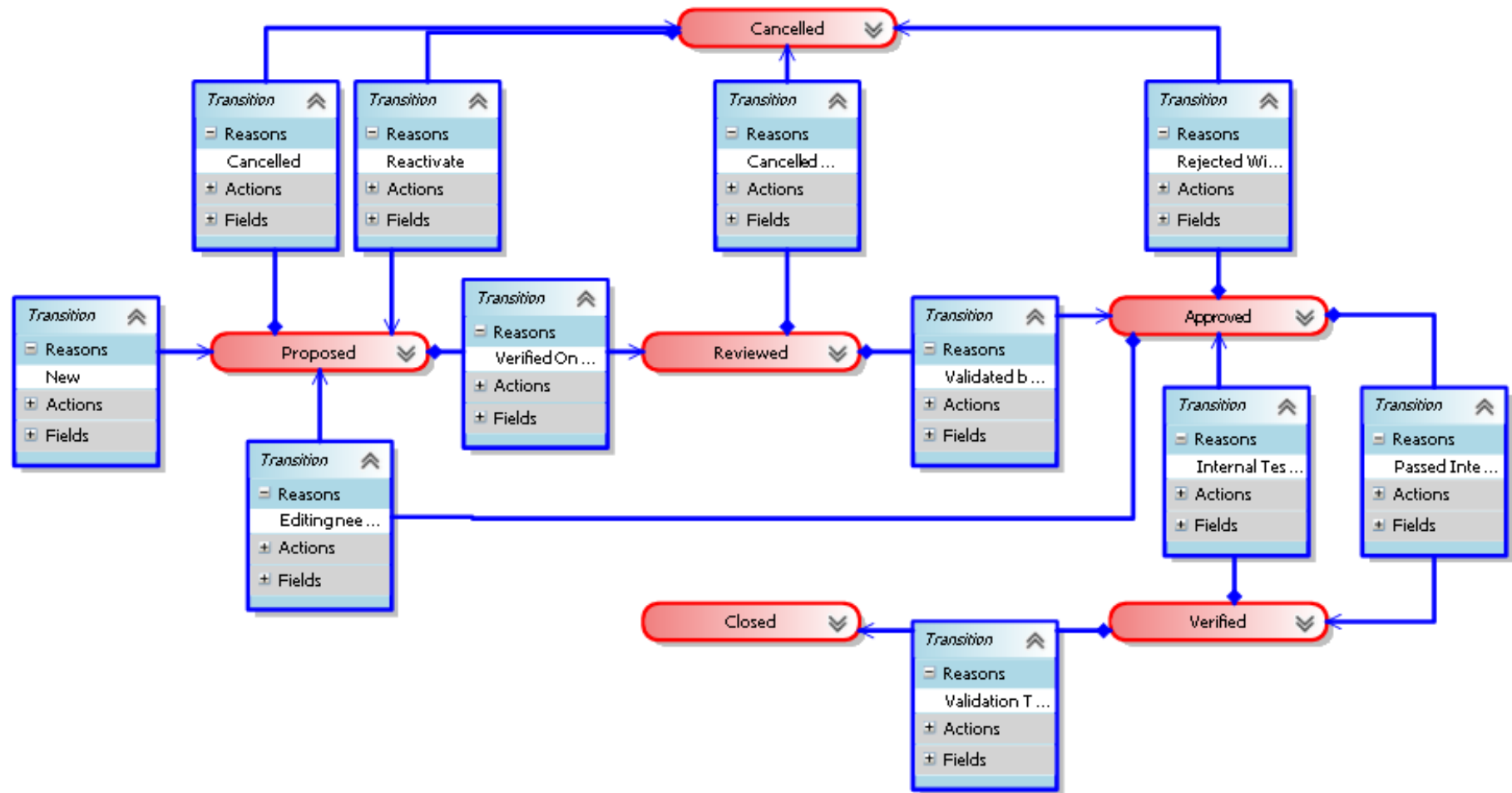
- [SR26 The system shall allow editing based upon security set up by the system administrator]
- [SR27 The system shall generate an error message stating that the current user has entered an in security and prompt the user to re-enter the information.]

### 4.3. Environmental Requirements

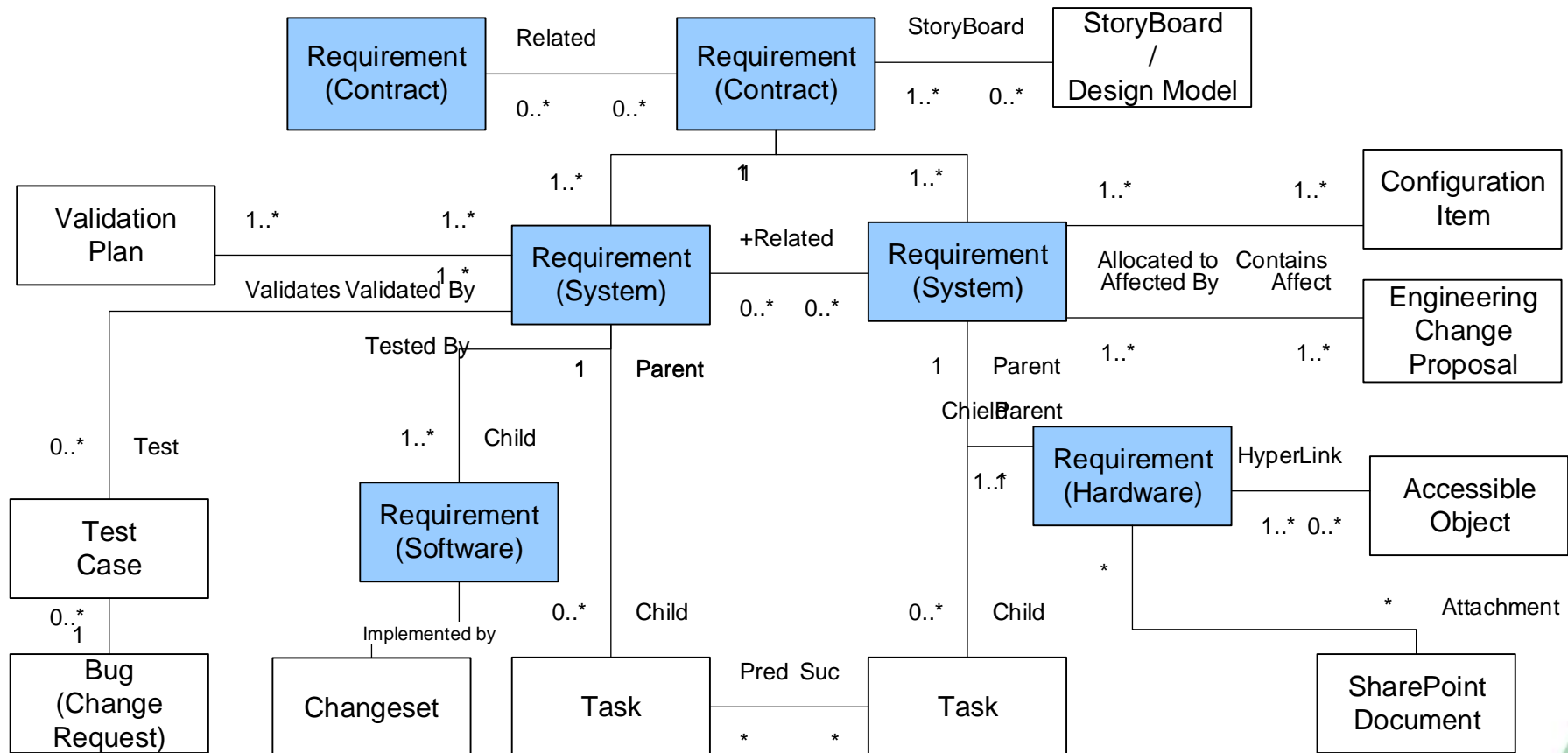
Detail environmental requirements as needed. For hardware based systems, environmental issues can include temperature, shock, humidity, radiation, etc. For software applications, environmental factors can include usage conditions, user environment, resource availability, maintenance issues, error handling and recovery.

Page 11 Sec 4 11/14 At 4.3" Ln 14 Col 1 REC TRK EXT OVR WPH

# Requirement LifeCycle



# Requirements Traceability





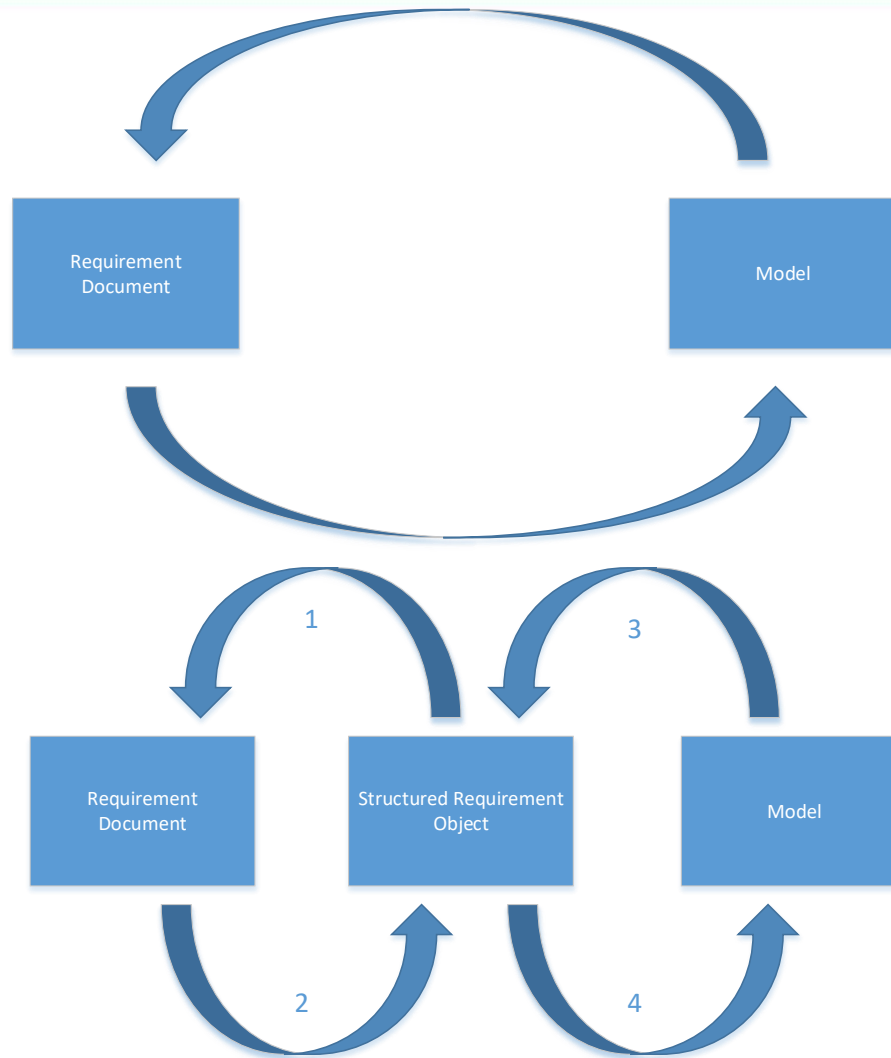
## Requirements in ALM

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- Traceability with other artifacts is key
  - Requirements to other requirements
    - Customer/System/Software/Hardware..
    - Dependency relation between requirements
  - Requirements to tasks (Project management)
  - Requirements to Test Cases
  - Requirements to Design elements
  - Requirements to generated documents
  - Requirements to source code
  - Requirements to Build
  - Requirements to bugs
  - Requirements to risks
  - ...



# HAVELSAN Use case for ModelWriter



Currently we support scenario #1 and #4, and interested in Scenario #3, #2

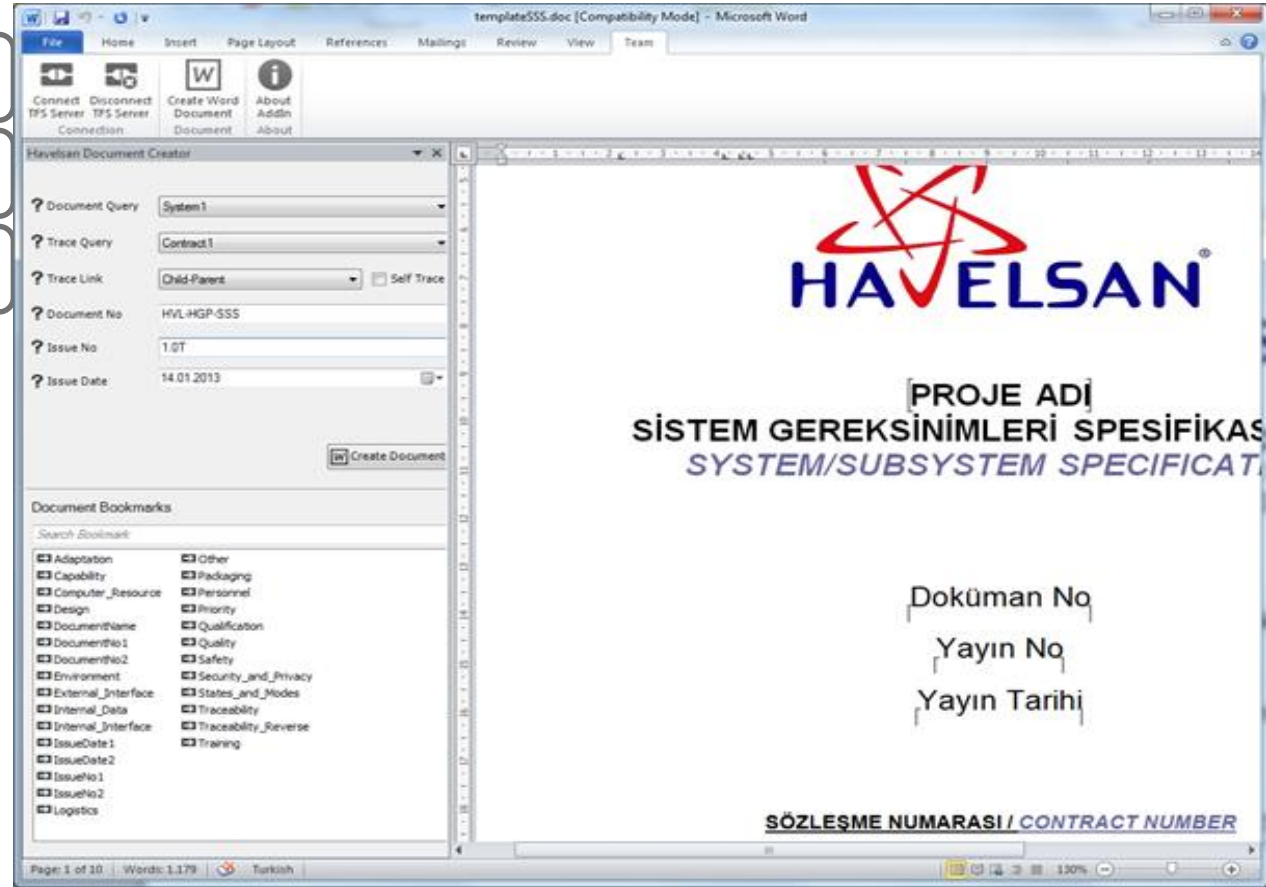


# Havelsan Ext - Document Generation

Preview

Word Extension

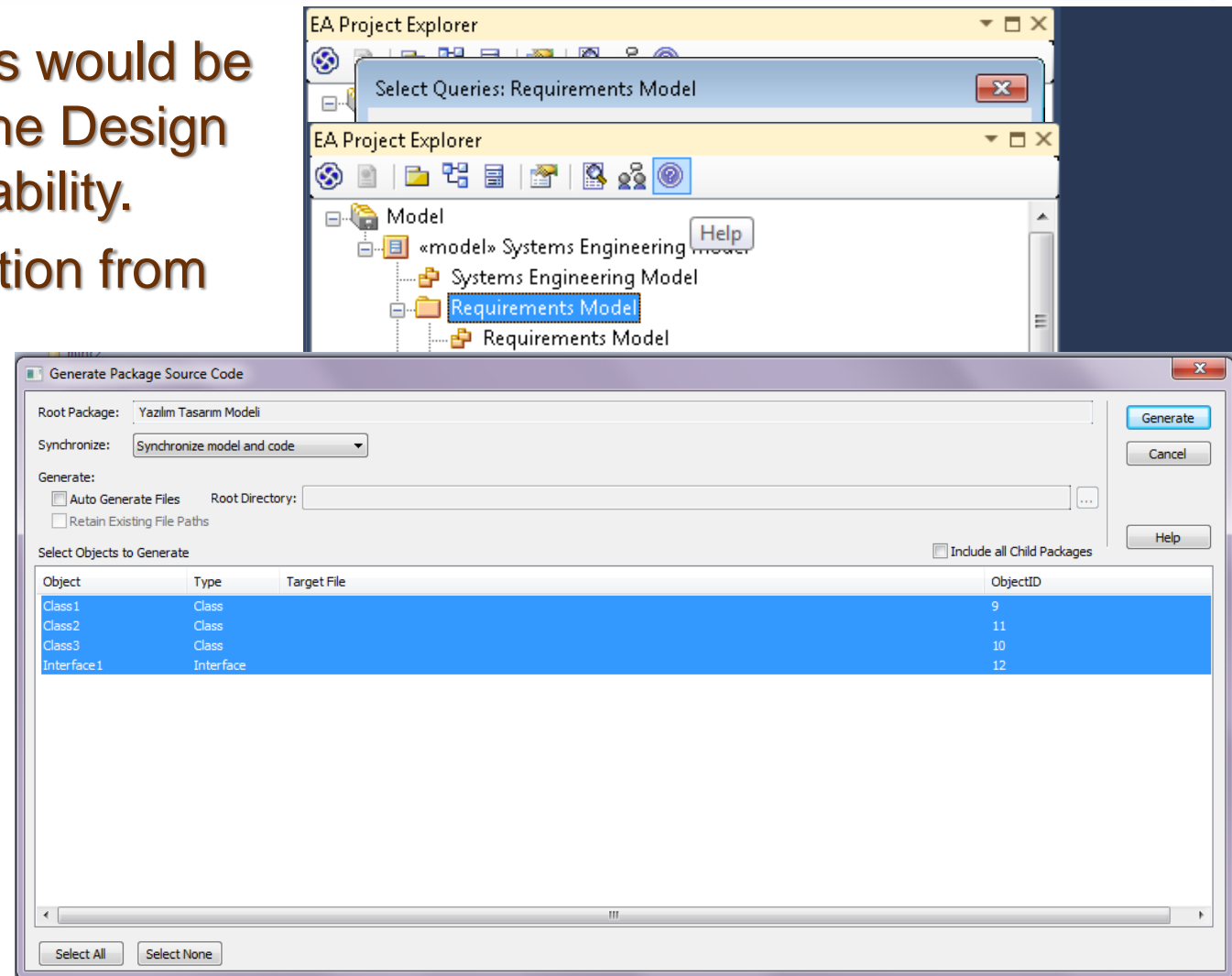
Support for Templates





# Requirements - Design Model Traceability

- Requirements would be imported to the Design tool for traceability.
- Code generation from design



**Thank you for your attention!**  
**Any question ?**