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**e-TrustEx – Validation Document Bundle Use Case Specification**

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| **Project Name:** | e-TrustEx |
| **Document Author:** | Alice Vasilescu |
| **System Owner:** | Tanya Chetcutti |
| **Project Manager:** | Tanya Chetcutti |
| **Revision Status:** |  |
| **Sensitivity:** |  |
| **Issue Date:** |  |

**Document Approver(s):**

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| --- | --- | --- | --- |
| **Revision** | **Date** | **Created by** | **Short Description of Changes** |
| [0.1] | [06/21/2013] | [Alice Vasilescu] | [Initial Version of approved document] |
| [0.2-0.3] | [09/25/2013] | [Alice Vasilescu] | [Internal review] |
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# Validation for Document Bundle

This Use Case is included in

# Synchronous Validation

No synchronous validation.

* 1. **Asynchronous validation**

# XSD Validation

* This section is included in the

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | Description | Element path | Severity | Category | Subcategory |
| RULE59 | The system checks that the message conforms to the Bundle schema.  For more details see sample in 6.1 Sample Document | N/A | Hard |  |  |

# Schematron validation

This section is included in the UC1\_1\_1. Asynchronous+Service+Use+Case+Specification at Step 2.7 System performs the asynchronous validation

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| ID | Description | Element path | Severity | Category | Subcategory |
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# Parent document check

 This section is included in the Submit Document Use Case at Step 2.7 System performs the asynchronous validation

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| --- | --- | --- | --- | --- | --- |
| ID | Description | Element path | Severity | Category | Subcategory |
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# Errors

### E1. At step 1.2.1 “XSD Validation” and an error occurs

* The system performs subflow S1. Persist message upon failure
* The following parameters are added to the Application Response:
* A Response Code is added "XYZ:4"
* A Description may be added
* The Use Case ends.

### E2. At step 1.2.2 “Schematron validation” and any of the hard business rules fails:

* The system performs subflow S1. Persist message upon failure
* The following parameters are added to the Application Response:
* A Response Code is added "XYZ:4"
* A Description may be added
* The Use Case ends.

### E3. At step 1.2.2” Schematron validation” and any of the soft business rules fails:

* The system generate the warning(s) corresponding to the failed rule(s)

### E4. At step 1.2.3 “Parent document check” any of the business rules fails:

* The system performs subflow S1. Persist message upon failure
* The following parameters are added to the Application Response:
* A Response Code is added "XYZ:5"
* A Description may be added
* The Use Case ends.

# Subflow

# S1. Persist message upon failure

* The system creates an Application Response
* The system persists the Application Response and records the following information in the message table etr\_tb\_message:
* The date and time when the message was created
* The reference to the message binary stored in the Binary table
* The ID of the document
* The status of the document is set to “RECEIVED”
* The ID of the agreement that corresponds to this document
* The ID of the Issuer of the document
* The ID of the transaction
* The Issue date and the Receipt date
* The ID of the Receiver
* The ID of the Sender
* The message document type
* An additional entry in the binary table etr\_tb\_message\_binary is created, storing the Application Response xml. This xml would include information regarding the document which failed during the validation process:
* If available, the ID of the document is added
* Its DocumentTypeCode "XYZ" is added
* The Issue Date of the document is added
* The status of the document which failed during the validation process changes to “ERROR”

# Special Requirements

N/A.

# Preconditions

N/A.

# Post conditions

N/A.

# Additional Information

N/A.

# Annex

# Sample Document

|  |  |  |
| --- | --- | --- |
| **Element** | **Constraint** | **Xpath** |
| **SOAP Header** | | |
|  |  |  |
| **SOAP Body** | | |
|  |  |  |
|  |  |  |