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**e-TrustEx – Submit Application Response Use Case Specification**

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# Use-Case Description

This Use Case describes the specific processing performed by e-TruxtEx on a business document of type ApplicationResponseDocumentBundle. This Use Case extends the Submit Document Use Case.

# Flow of Events

# System performs the specific checks

* This Use Case extends the “Submit Document Use Case” and it is called from “Step 2.8 System performs the business specific processing”

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | Description | Element path | Severity | Category | Subcategory |
| RULE305 | The Parent Document must be in a specific state |  | Hard | External check | Parent ID validation |

# System dispatches the message

* The system checks if the message needs to be forwarded based on the Receiver information;
* The system calls the appropriate adapter using the received ApplicationRespnse message and the Receiver information;
* Use Case Ends.

# Exceptional Flows

### E1 at Step System performs the specific checks and the parent document is not in the correct state

* The system performs subflow S1. Persist message upon failure
* The following parameters are added to the Application Response:
* A Response Code is added "301:6"
* A Description may be added
* The use case ends.

## Subflow

## S1. Persist message upon failure

* The system creates a unique "ERROR" object in its repository.
* The system persists the Error message in its message repository in the:
* Original format (a.k.a. raw message)
* The following data is recorded:
* The reference to the “ERROR” object previously created
* The reference to the parent document
* The value of the Receiver Agreement is set to the Sender Agreement of the service’s caller ( the direction of the message is inverted)
* The reference to the Sender Agreement is set to the one that corresponds to e-TrustEx
* The Date when the message was handled by the system is recorded
* The following data elements, found in the message, are also recorded if present:
* The ID of the document
* The Issue Date of the document
* The Read Flag is set to "FALSE"
* The status of the error object is set to "RECEIVED"
* The status of the message to which the ERROR object is linked is set to “ERROR.

# Special Requirements

[to be completed]

## < Interface(s) with other Systems>

## Security Requirements

[to be completed]

## < Other Special Requirement >

# Preconditions

[to be completed]

## < Precondition One >

# Postconditions

[to be completed]

## < Postcondition One >

# Additional Information

[to be completed]