**Atradius Bonding Prototype Design**

Issue Tax Duty Bond

1. Preface 3

1.1 Revision History 3

1.2 Approvals 3

2. Introduction 4

2.1 Scope and Structure of this Document 4

2.2 Requirements References 4

3. Overview 4

4. Design Issues and Assumptions 5

4.1 Open Design Issues 5

4.2 Design Assumptions 5

4.3 Design Use Case overview 7

5. Design Use Cases 7

5.1 UC002: Issue Tax Duty Bond (Custom Bond): 7

5.1.1 Main scenario – Existing Customer initiates a New Issue Bond request 9

5.1.1.1 A1 – FUW is needed 10

5.1.1.2 A2 – TUW is needed 11

5.1.1.3 A3 – Decision = Waiting for information 12

5.1.1.4 A4 – Decision = Refused 13

5.1.1.5 A5 – Review Limit > 10 million EUR 13

5.1.1.6 Customer Data 14

5.1.1.7 Policy Data 14

5.1.1.8 Wire Frame 1 – Login 15

5.1.1.9 Wire Frame 2 – Customer Dashboard 15

5.1.1.10 Wire Frame 3 – Product 16

5.1.1.11 Wire Frame 4 – Bond Details 17

5.1.1.12 Wire Frame 5 – Beneficiary 18

5.1.1.13 Wire Frame 6 – Case 18

5.1.1.14 Wire Frame 7 – Documents 19

5.1.1.15 Wire Frame 8 – Summary 19

5.1.1.16 Wire Frame 9 – FUW Dashboard 21

5.1.1.17 Wire Frame 10 – Senior FUW Dashboard 21

5.1.1.18 Wire Frame 11 – TUW Dashboard 21

5.1.1.19 Wire Frame 12 – Underwriter Analysis 22

5.1.1.20 Validations 28

5.2 Security Considerations 30

6. Non-Functional View 31

# Preface

## Revision History

| **Date** | **Version** | **Description** | **Updated by** |
| --- | --- | --- | --- |
| 2017-08-11 | 0.1 | Initial Version | Tom Coessens |
| 2017-08-14 | 0.2 | Addition of Scenario’s and Validations | Tom Coessens |
| 2017-08-10 | 0.3 | Addition of required fields | Tom Coessens |
| 2017-08-14 | 0.4 | Addition of example input in Beneficiary field.  Some changes in Mandatory fields.  Comments added in Underwriter Analysis screen.  DA.17 added | Tom Coessens |
| 2017-08-16 | 0.5 | Addition of validations 12-18 | Tom Coessens |
| 2017-8-24 | 0.6 | Confirmation on 2 input fields | Jonathan Leung |

## Approvals

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Notes** | **Approver** |
| 2017-XX-XX | 0.1 |  |  |
|  |  |  |  |

# Introduction

This Design document covers a Use Case specific to the scope of the Atradius Bonding Prototype.

This Design describes the functional & technical aspects of a specific component. It contains a description of the component, a link to the requirements (use case) and the details of the specific sub processes which are supported by this component.

## Scope and Structure of this Document

This document describes the Issue Bond component. It provides a cross-system view of how the requirements are implemented.

This document is structured as following:

Chapter 1: Preface General information about the document

Chapter 2: Introduction Introduction to the context, scope, structure of this Component Design and its functional area, and references to business and architecture requirements.

Chapter 3: Overview Provides a description of the component including an identification of the main user stories which are covered by this component.

Chapter 4: Design Issues & Assumptions Lists Design Issues and Design Assumptions specific to this design artifacts.

Chapter 5: Design Use Cases Describes the user stories in detail including a mockup of the wire frames

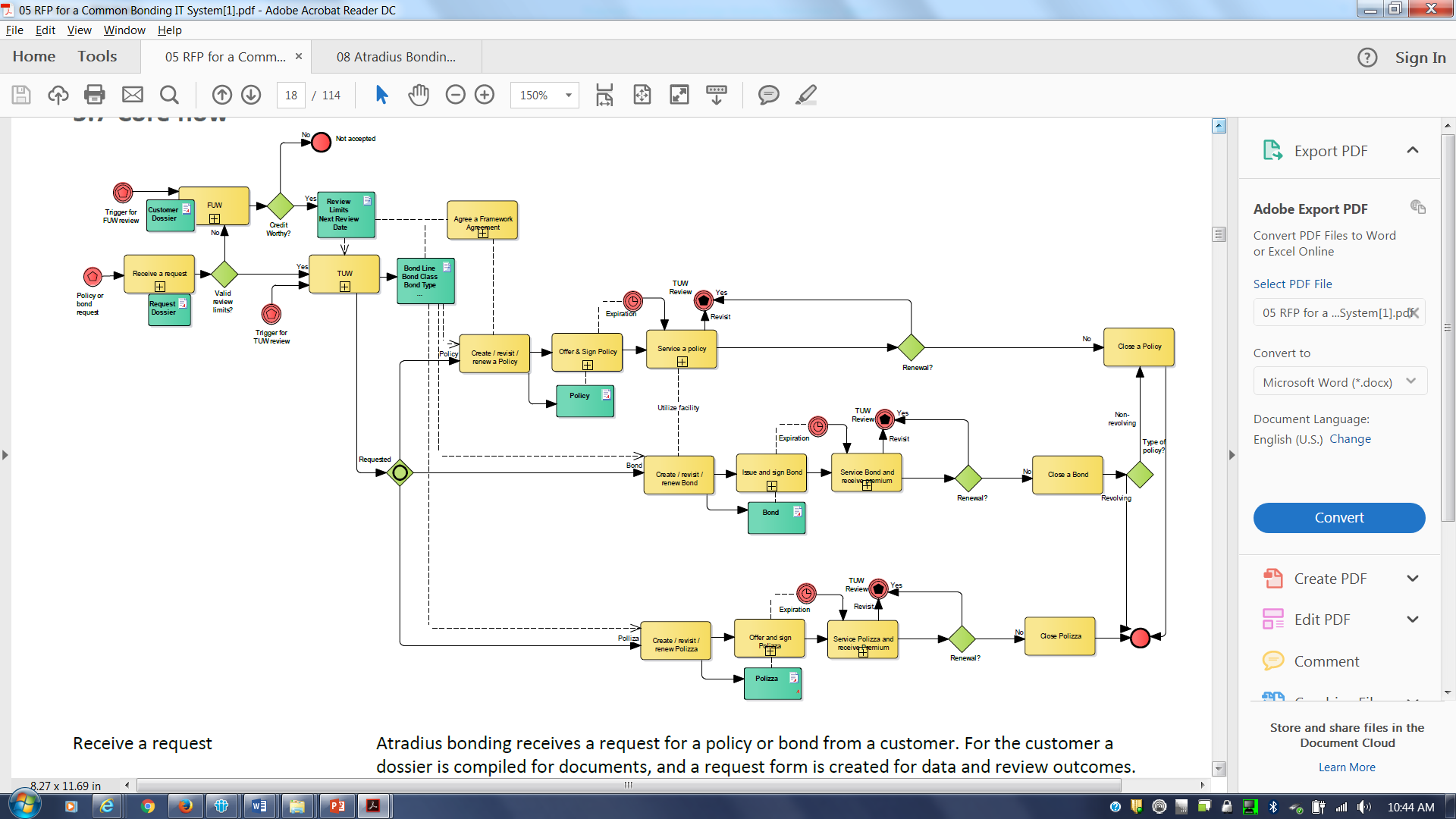
Chapter 6: Non-functional View Describes the non-functional design considerations that respond to the non-functional requirements.

## Requirements References

| **Requirement** | **Reference / Comment** (Refer to Specific Version of Requirements) |
| --- | --- |
| UC002 Issue Tax Duty Bond (Custom Bond) | This use case is built based on the content given by customer is document titled “RFP for a common bonding IT System” |
|  |  |

# Overview

The Issue Bond component is responsible for the bond life cycle management from a Request through an Analysis/Approval phase and finally a Issued Bond.



# Design Issues and Assumptions

## Open Design Issues

Issues and actions directly related to the completion of this artifact are listed here.

| **Ref** | **Issue** | **Status** | **Notes, Updates and/or Actions** in format *DD/MM [Author]: Note to issue, or actions taken, etc...* |
| --- | --- | --- | --- |
| DI.01 |  |  |  |
| DI.02 |  |  |  |
|  |  |  |  |
|  |  |  |  |

## Design Assumptions

| **Ref** | **Assumption** | **Notes/Impact** | **Status** |
| --- | --- | --- | --- |
| DA.1 | The customer is already created | New Customer is out of scope | Approved by:  William Siemons  On: 4-08-2017 |
| DA.2 | The Policy is already created | New Policy is out of scope | Approved by:  William Siemons  On: 4-08-2017 |
| DA.3 | Creating a Stand-Alone Bond is not possible | Stand-Alone Bond is out of scope | Approved by:  William Siemons  On: 4-08-2017 |
| DA.4 | Only 1 Type of Bond can be created: Tax Duty | Other types are out of scope | Approved by:  William Siemons  On: 4-08-2017 |
| DA.5 | The Beneficiary can only be filled in manually | Not selectable/searchable from a DB | Approved by:  William Siemons  On: 4-08-2017 |
| DA.6 | The Project/Case can only be filled in manually | Not selectable/searchable from a DB | Approved by:  William Siemons  On: 4-08-2017 |
| DA.7 | Only 4 User Profiles exist: Customer, TUW, FUW, Senior FUW | Other profiles are out of scope | Approved by:  William Siemons  On: 4-08-2017 |
| DA.8 | The validation process to determine if FUW analysis is needed is kept basic | The complexity of who needs to approve is limited to 1 TUW, 1 FUW and a Senior FUW | Approved by:  William Siemons  On: 4-08-2017 |
| DA.9 | Only a limited number of Bond texts (in different languages) are available | Bond text are selected from (internal) library | Approved by:  William Siemons  On: 4-08-2017 |
| DA.10 | The validation process to determine if a new policy is needed is not created | New Policy needed is out of scope | Approved by:  William Siemons  On: 4-08-2017 |
| DA.11 | The UX wireframes will adhere to the ABT and Atrium Style Guide format |  | Approved by:  William Siemons  On: 4-08-2017 |
| DA.12 | The possible FUW/TUW/Senior FUW decisions ‘Case Closed’ and ‘Reduction/Withdrawal’ are not available | These decisions are out of scope | Approved by: Laurent De Castelbajac  On: 10-08-2017 |
| DA.13 | The flow past the issuing of the bond (maintenance, expiry, modifying, etc) is not available | This part of the process is out of scope | Approved by:  William Siemons  On: 4-08-2017 |
| DA.14 | Customer location is changed to France. Customer will be creating a Custom French Bond | Change of scope | Approved by: Laurent De Castelbajac & Angelo Minafra  On: 10-08-2017 |
| DA.15 | Customer can Cancel bond request at any time before submitting. |  | Approved by: Laurent De Castelbajac & Angelo Minafra  On: 10-08-2017 |
| DA.16 | Bond will only have the Class and Product level, not the Category, Sub-Category or Local Risk level. |  | Approved by: Laurent De Castelbajac & Angelo Minafra  On: 10-08-2017 |
| DA.17 | Application can only function in 1 language | Change of scope | Approved by: ????  On: 21-08-2017 |

## Design Use Case overview

The functionality offered by this process is described in more detail by design use cases. The overview below provides the list of design use cases which are worked out in more detail in the next chapter.

|  |  |
| --- | --- |
| **DUC ID** | **Description** |
| UC002 | **Issue Tax Duty Bond (Custom Bond):** with intervention from Financial underwriter (FUW) and Technical Underwriter (TUW) |
|  |  |

# Design Use Cases

This chapter describes each of the identified design use cases of the functional area of this design in detail.

Each section of this chapter covers the design use case’s possible flows with corresponding wireframes.

## UC002: Issue Tax Duty Bond (Custom Bond):



The following table provides traceability back to the Requirements in chapter 2.2.

|  |  |  |
| --- | --- | --- |
| Subject Area | Issue Tax Duty Bond (Custom Bond) | |
| Business Event | The actor wants to initiate the process to create an Issued Bond | |
| Actor(s) | 1. Customer | Reader/Writer |
| 2. Technical Underwriter (TUW) |
| 3. Financial Underwriter (FUW) |
| 4. Senior FUW |
| Use Case Overview | This use case describes the process to Issue Tax Duty Bond (Custom Bond) where intervention from FUW and TUW are needed. | |
| Preconditions | * The actor has logged in and is authorized to initiate a new Issue Bond process * The actor is an existing customer * The actor already has an existing Policy * The bond is created under an existing Policy * The bond requested is a ‘Custom Bond’ | |
| Termination Outcome | Condition(s) Affecting Termination Outcome | |
| A Bond has been issued | A new Tax Duty Bond (Custom Bond) request has been initiated in the system. | |
| FUW and TUW analysis has been performed. | FUW and TUW has been triggered. | |
| Use Case Description | The actor logs in into the application and is authorized to initiate a new Issue Bond process. The actor first selects one of his policies and then requests a bond under that Policy. | |
| Design Use Case Associations | N/A | |
| Input Summary | Product conditions  Bond details  Beneficiary details  Case details | |
| Output Summary | Issued Bond  Documented FUW and TUW analysis | |
| Technology Stack | Oracle Fusion | |
| Use Case Notes | N/A | |

### Main scenario – Existing Customer initiates a New Issue Bond request

| Step | Action by Actor | System Action & Response | Alternatives | Business Rules |
| --- | --- | --- | --- | --- |
|  | Registered external user (Customer) logs into the Portal. | The system validates user credentials.  **(See wireframe 1: Login)** |  |  |
|  |  | The system stores the type of the user for this session. |  |  |
|  |  | The system renders the dashboard and displays the customer’s policies and bonds and the option to initiate a new Issue Bond request.  **(See wireframe 2: Customer Dashboard)** |  |  |
|  | Customer selects an existing policy and chooses to start a new Issue Bond request by clicking ‘New Bond’. | The system renders the Product Screen for selecting Bond Class and Conditions.  **(See wireframe 3: Product)** |  |  |
|  | Customer enters Bond Class and Conditions and clicks ‘Next’. | The system creates an Issue Bond request and renders the screen where the Customer can provide the Bond Details.  **(See wireframe 4: Bond Details)** |  | Status Bond = Draft |
|  | Customer enters Bond Details and clicks ‘Next’. | The system saves the changes and renders the screen where the Customer can register the Beneficiary Details.  **(See wireframe 5: Beneficiary)** |  |  |
|  | Customer enters Beneficiary Details and clicks ‘Next’. | The system saves the changes and renders the screen where the Customer can register the Case Details.  **(See wireframe 6: Case)** |  |  |
|  | Customer enters Case Details and clicks ‘Next’. | The system saves the changes and renders the screen where the customer can upload documents.  **(See wireframe 7: Documents)** |  |  |
|  | Customer uploads documents and clicks ‘Next’. | The system renders the overview screen of the bond.  **(See wireframe 8: Summary)** |  |  |
|  | Customer reviews the summary, can create a preview document, and clicks ‘Submit’. | System can render a preview PDF document. |  | Status Bond = Requested |
|  |  | The system checks if a FUW analysis is needed.  FUW analysis is not needed. | A1 – FUW analysis is needed |  |
|  |  | The system checks if a TUW analysis is needed.  TUW analysis is not needed | A2 – TUW analysis is needed | Status Bond = Approved |
|  |  | The system issues Bond documents. |  |  |
|  | Customer signs Bond documents and uploads them in the system. | The system saves the uploaded documents. |  | Status Bond = Live |

#### A1 – FUW is needed

| Step | Action by Actor | System Action & Response | Alternatives | Business Rules |
| --- | --- | --- | --- | --- |
|  |  | The system checks and finds that FUW analysis is needed.  System creates a task for the Financial Underwriter. |  |  |
|  | Registered internal user (Financial Underwriter) logs into the Portal. | The system validates user credentials.  **(See wireframe 1: login)** |  |  |
|  |  | The system stores the type of the user for this session. |  |  |
|  |  | The system renders the dashboard and displays the Financial Underwriter’s Tasks.  **(See wireframe 9: FUW Dashboard)** |  |  |
|  | The Financial Underwriter opens a task. | The system renders the overview screen of the bond with the additional window for the Analysis.  **(See wireframe 12: Underwriter Analysis)** |  |  |
|  | The Financial Underwriter performs and documents his analysis. | The system saves any changes. |  |  |
|  | The Financial Underwriter registers his decision. | The system saves and checks which decision was made.  Decision =  Approved as submitted  Or  Approved with modifications | A3 – Decision = Waiting for information  A4 – Decision =  Refused | Possible decisions:  - Approved as submitted  - Approved with modifications  - Refused  - Waiting for information  Status Bond = Requested |
|  |  | The system checks if the Review Limit <= 10 million EUR. | A5 – Review Limit > 10 million EUR |  |
|  |  | The system continues with step 11 of the main scenario. |  |  |

#### A2 – TUW is needed

| Step | Action by Actor | System Action & Response | Alternatives | Business  Rules |
| --- | --- | --- | --- | --- |
|  |  | The system checks and finds that TUW analysis is needed.  System creates a task for the Technical Underwriter. |  |  |
|  | Registered internal user (Technical Underwriter) logs into the Portal. | The system validates user credentials.  **(See wireframe 1: login)** |  |  |
|  |  | The system stores the type of the user for this session. |  |  |
|  |  | The system renders the dashboard and displays the Technical Underwriter’s open Tasks.  **(See wireframe 11: TUW Dashboard)** |  |  |
|  | The Technical Underwriter opens a task. | The system renders the overview screen of the bond with the additional window for the Analysis.  **(See wireframe 12: Underwriter Analysis)** |  |  |
|  | The Technical Underwriter performs and documents his analysis. | The system saves any changes. |  |  |
|  | The Technical Underwriter registers his decision. | The system checks which decision was made.  Decision =  Approved as submitted  Or  Approved with modifications | A3 – Decision = Waiting for information  A4 – Decision =  Refused | Possible decisions:  - Approved as submitted  - Approved with modifications  - Refused  - Waiting for information  Status Bond = Approved |
|  |  | The system continues with step 12 of the main scenario. |  |  |

#### A3 – Decision = Waiting for information

| Step | Action by Actor | System Action & Response | Alternatives | Business  Rules |
| --- | --- | --- | --- | --- |
|  | The Internal User’s registered decision = Waiting for information | The system saves the decision that was made. |  | Status Bond = On Hold |
|  | The Internal User changes his decision. | The system saves the decision that was made and checks which next step is needed. |  |  |

#### A4 – Decision = Refused

| Step | Action by Actor | System Action & Response | Alternatives | Business  Rules |
| --- | --- | --- | --- | --- |
|  | The Internal User’s registered decision = Refused | The system saves the decision that was made. |  | Status Bond = Refused  Bond becomes read-only |
|  |  |  |  |  |

#### A5 – Review Limit > 10 million EUR

| Step | Action by Actor | System Action & Response | Alternatives | Business  Rules |
| --- | --- | --- | --- | --- |
|  |  | The system checks and finds that additional FUW analysis is needed.  System creates a task for the Senior FUW. |  | Review Limit > 10 million EUR |
|  | Registered internal user (Senior FUW) logs into the Portal. | The system validates user credentials.  **(See wireframe 1: Login)** |  |  |
|  |  | The system stores the type of the user for this session. |  |  |
|  |  | The system renders the dashboard and displays the Senior Financial Underwriter’s open Tasks.  **(See wireframe 10: Senior FUW Dashboard)** |  |  |
|  | The Senior FUW opens a task. | The system renders the overview screen of the bond with the additional window for the Analysis.  **(See wireframe 12: Underwriter Analysis)** |  |  |
|  | The Senior FUW performs and documents his analysis. | The system saves any changes. |  |  |
|  | The Senior FUW registers his decision. | The system saves and checks which decision was made.  Decision =  Approved as submitted  Or  Approved with modifications | A3 – Decision = Waiting for information  A4 – Decision =  Refused | Possible decisions:  - Approved as submitted  - Approved with modifications  - Refused  - Waiting for information  Status Bond = Requested |
|  |  | The system continues with step 11 of the main scenario. |  |  |

#### Customer Data

**Fields:**

| **Label** | **Entity** | **Type** | **Length** | **Validation** | **Mandatory** | **Comments** |
| --- | --- | --- | --- | --- | --- | --- |
| Company Name | Customer.Name | Read-only |  | N/A | Yes | ABC Consultants |
| Address | Customer.Address | Read-only |  | N/A | Yes | 55 Rue du Faubourg Saint-Honoré |
| Postal Code | Customer.PostalCode | Read-only |  | N/A | Yes | 75008 |
| City | Customer.City | Read-only |  | N/A | Yes | Paris |
| Country | Customer.Country | Read-only |  | N/A | Yes | France |
| VAT number | Customer.VAT | Read-only | 11 | N/A | Yes | 12345678901 |
|  |  |  |  |  |  |  |
| Status | Customer.Status | Read-only |  | N/A | Yes | Active |
| Customer Contact Name | Customer.ContactName | Read-only | 50 | N/A | Yes | Anakaren Gonzalez |

#### Policy Data

**Fields:**

| **Label** | **Entity** | **Type** | **Length** | **Validation** | **Mandatory** | **Comments** |
| --- | --- | --- | --- | --- | --- | --- |
| Policy ID | Policy.ID | Read-only |  | N/A | Yes | P12345 |
| Status | Policy.Status | Read-only |  | N/A | Yes | Valid |
| Issue Date | Policy.IssueDate | Read-only | Date | N/A | Yes | 01-08-2017 |
| Effective Date | Policy.EffectiveDate | Read-only | Date | N/A | Yes | 06-08-2017 |
| Country | Policy.Country | Read-only |  |  | Yes | France |
| General Conditions | Policy.GenConditions | Read-only |  | N/A | Yes | Uploaded Document |
| Particular Conditions | Policy.PartConditions | Read-only |  | N/A | Yes | Uploaded Document |
| Notice Period | Policy.Notice | Write | LOV |  | Yes | 2 weeks  1 month  2 months |
| **~~Bond Class~~** | ~~Bond.Class~~ | ~~Read-only~~ |  | ~~N/A~~ | ~~Yes~~ | ~~Custom Bond France~~ |
| ~~Premium Rate~~ | ~~Bond.Class.PremiumRate~~ | ~~Read-only~~ |  | ~~N/A~~ | ~~Yes~~ | ~~2%~~ |
| ~~Tariff List~~ | ~~Bond.Class.TariffList~~ | ~~Read-only~~ |  | ~~N/A~~ | ~~?~~ | ~~1,5%~~ |
| ~~Minimum Premium~~ | ~~Bond.Class.MinPremium~~ | ~~Read-only~~ |  | ~~N/A~~ | ~~?~~ | ~~1%~~ |
| ~~Policy intermediary~~ | ~~Bond.Class.PolicyIntermediary~~ | ~~Read-only~~ |  | ~~N/A~~ | ~~?~~ | ~~?~~ |
|  |  |  |  | ~~N/A~~ |  |  |
| **~~Bond Type~~** | ~~Bond.Category~~ | ~~Read-only~~ |  | ~~N/A~~ | ~~?~~ | ~~Tax Duty~~ |
| ~~Premium Rate~~ | ~~Bond.Category.PremiumRate~~ | ~~Read-only~~ |  |  | ~~Yes~~ |  |
| ~~Tariff List~~ | ~~Bond.Category.TariffList~~ | ~~Read-only~~ |  | ~~N/A~~ | ~~?~~ | ~~Example?~~ |
| ~~Minimum Premium~~ | ~~Bond.Category.MinPremium~~ | ~~Read-only~~ |  | ~~N/A~~ | ~~?~~ | ~~Example?~~ |
| ~~Policy intermediary~~ | ~~Bond.Category.PolicyIntermediary~~ | ~~Read-only~~ |  | ~~N/A~~ | ~~?~~ | ~~Example?~~ |

#### Wire Frame 1 – Login

**Buttons:**

| **Label** | **Action** | **Navigation** |
| --- | --- | --- |
| **Login** | Checks login input | 2 options:   * Error message: ‘Wrong Username or Password’ * Navigate to corresponding dashboard (screen 2, 9, 10, or 11) |

**Fields:**

| **Label** | **Entity** | **Type** | **Length** | **Validation** | **Mandatory** | **Comments** |
| --- | --- | --- | --- | --- | --- | --- |
| Username | User.UserName | Write | 10 | N/A | Yes |  |
| Password | User.Password | Write | 6 | Yes | Yes | Should have 4 letters and 2 numbers |

#### Wire Frame 2 – Customer Dashboard

**Buttons:**

| **Label** | **Action** | **Navigation** |
| --- | --- | --- |
| **Request New Bond** | Create new bond | Navigate to screen 3: Product |
| **Delete** | Warning Message: Are you Sure you want to delete this request?  Remove Bond data from DB  Only active if Status = Draft |  |
| **View** |  | Navigate to screen 8: Summary |

**Fields:**

| **Label** | **Entity** | **Type** | **Length** | **Validation** | **Mandatory** | **Comments** |
| --- | --- | --- | --- | --- | --- | --- |
| Policy ID | Policy.ID | Read-only |  | N/A | Yes | P12345 |
| Policy Status | Policy.Status | Read-only |  | N/A | Yes | Valid |
| Issue Date | Policy.IssueDate | Read-only |  | N/A | Yes |  |
| Effective Date | Policy.EffectiveDate | Read-only |  | N/A | Yes |  |
| Country | Policy.Country | Read-only |  | N/A | Yes |  |
|  |  |  |  |  |  |  |
| Bond ID | Bond.ID | Read-only |  | N/A | Yes | 690069 |
| ~~Bond Class~~ | ~~Bond.Class~~ | ~~Read-only~~ |  | ~~N/A~~ | ~~Yes~~ |  |
| Product | Bond.Product | Read-only |  | N/A | Yes |  |
| Bond Status | Bond.Status | Read-only |  | N/A | Yes |  |
| Bond Amount | Bond.Amount | Read-only |  | N/A | Yes |  |
| Start Date | Bond.StartDate | Read-only |  | N/A | Yes |  |
| End Date | Bond.EndDate | Read-only |  | N/A | Yes/No\* | \*France: No (=Undefined)  Italian: Yes |
|  |  |  |  |  |  |  |
| Analysis Owner | User.Name | Read-only |  | N/A | Yes | FUW/TUW user |
| Analysis Start Date | Analysis.StartDate | Read-only |  | N/A | Yes | DD-MM-YYYY |

#### Wire Frame 3 – Product

**Buttons:**

| **Label** | **Action** | **Navigation** |
| --- | --- | --- |
| **Save** | Save any changes to DB |  |
| **Next** | Save any changes to DB | Navigate to screen 4: Bond Details |
| **Upload Custom Text** | Next to Field: Custom Bond Text  Browse + Select + Upload +  Save to Document Management System |  |
| **Preview** | Next to Field: Standard Bond Text  Opens document selected in the LOV list of field Standard Bond Text |  |
| **Cancel** | Warning Message: Are you Sure you want to Cancel?  Remove Bond data from DB  Only active if Status = Draft |  |

**Fields:**

| **Label** | **Entity** | **Type** | **Length** | **Validation** | **Mandatory** | **Comments** |
| --- | --- | --- | --- | --- | --- | --- |
| Bond Class | Bond.Class | Write | LOV |  | Yes | Custom Bond France, Custom Bond Italy |
| Product | Bond.Product | Write | LOV |  | Yes | France:  - Opérations diverses  - Transit Communautaire  - Crédit d’enlèvement  Italy :  - Daziato Sospeso  - Pagam.to periodico Differito dei Diritti Doganali  - Pagamento Quindicinale c/c/ Ferroviario |
| Standard Bond Text | Bond.StandardText | Write |  |  | No | select document:  France:  - GARANTIE GLOBALE  Italy:  - GARANZIA GLOBALE |
| Custom Bond Text | Bond.CustomText | Write |  |  | No | Uploaded doc name |
| Spot | Bond.Spot | Write |  |  | No |  |
| Obligation Description | Bond.Obligation | Write | LOV/50 |  | No | LOV: contract/work/legislation  Or  free text field |
| Standard Duration | Bond.StandardDuration | Write | 50 |  | No |  |
|  |  |  |  |  |  |  |

#### Wire Frame 4 – Bond Details

**Buttons:**

| **Label** | **Action** | **Navigation** |
| --- | --- | --- |
| **Back** | Save any changes to DB | Navigate to screen 3: Product |
| **Save** | Save any changes to DB |  |
| **Next** | Save any changes to DB | Navigate to screen 5: Beneficiary |
| **Cancel** | Warning Message: Are you Sure you want to Cancel?  Remove Bond data from DB  Only active if Status = Draft |  |

**Fields:**

| **Label** | **Entity** | **Type** | **Length** | **Validation** | **Mandatory** | **Comments** |
| --- | --- | --- | --- | --- | --- | --- |
| Product | Bond.Product | Read-only | LOV |  | Yes |  |
| Bond Amount | Bond.Amount | Write | 15 |  | Yes | 1.000.000,00 + Currency |
| Transaction Currency | Bond.Currency | Write | LOV |  | Yes | EUR |
| Start Date | Bond.StartDate | Write | Date |  | Yes | DD-MM-YYYY |
| End Date | Bond.EndDate | Write | Date |  | No | DD-MM-YYYY |
| Exposure Variations | Bond.Exposure | Write | 250 |  | No |  |
| Grouping ID | Bond.GroupingID | Read-only | 20 | N/A | No | 1001 |
| UWY | Bond.UWY | Read-only | Number |  |  | = Year from the Policy.EffectiveDate |
| Bond Class | Bond.Class | Write | LOV |  | Yes | Custom Bond France, Custom Bond Italy |

#### Wire Frame 5 – Beneficiary

**Buttons:**

| **Label** | **Action** | **Navigation** |
| --- | --- | --- |
| **Back** | Save any changes to DB | Navigate to screen 4: Bond Details |
| **Save** | Save any changes to DB |  |
| **Next** | Save any changes to DB | Navigate to screen 6: Case |
| **Cancel** | Warning Message: Are you Sure you want to Cancel?  Remove Bond data from DB  Only active if Status = Draft |  |

**Fields:**

| **Label** | **Entity** | **Type** | **Length** | **Validation** | **Mandatory** | **Comments** |
| --- | --- | --- | --- | --- | --- | --- |
| Company Name | Beneficiary.CompanyName | Write | 50 |  | No |  |
| Last Name | Beneficiary.LastName | Write | 50 |  | No |  |
| First Name | Beneficiary.FirstName | Write | 20 |  | No |  |
| Address | Beneficiary.Address | Write | 100 |  | Yes |  |
| Postal Code | Beneficiary.PostalCode | Write | 8 |  | Yes |  |
| City | Beneficiary.City | Write | 20 |  | Yes |  |
| Country | Beneficiary.Country | Write | LOV |  | Yes |  |
| VAT-number | Beneficiary.VAT | Write | 11 |  | Yes |  |
|  |  |  |  |  |  |  |

#### Wire Frame 6 – Case

**Buttons:**

| **Label** | **Action** | **Navigation** |
| --- | --- | --- |
| **Back** | Save any changes to DB | Navigate to screen 5: Beneficiary |
| **Save** | Save any changes to DB |  |
| **Next** | Save any changes to DB | Navigate to screen 7: Documents |
| **Cancel** | Warning Message: Are you Sure you want to Cancel?  Remove Bond data from DB  Only active if Status = Draft |  |

**Fields:**

| **Label** | **Entity** | **Type** | **Length** | **Validation** | **Mandatory** | **Comments** |
| --- | --- | --- | --- | --- | --- | --- |
| Case Specification | Case.Specification | Write | 250 |  | Yes |  |
| Reference | Case.Reference | Write | 250 |  | No |  |
| Expected Delivery Date | Case.ExpectedDeliveryDate | Write | Date |  | Yes | DD-MM-YYYY |
| Fixed Expiry Date | Case.FixedExpiryDate | Write | Date |  | No | DD-MM-YYYY |
| Expected Expiry Date | Case.ExpectedExpiryDate | Write | Date |  | No | DD-MM-YYYY |
|  |  |  |  |  |  |  |

#### Wire Frame 7 – Documents

**Buttons:**

| **Label** | **Action** | **Navigation** |
| --- | --- | --- |
| **Back** | Save any changes to DB | Navigate to screen 6: Case |
| **Save** | Save any changes to DB |  |
| **Next** | Save any changes to DB | Navigate to screen 8: Summary |
| **Upload Document** | Browse + Select + Upload +  Save to Document Management System  This Button is always active, even after request has been submitted. |  |
| **Delete Document** |  |  |
| **Cancel** | Warning Message: Are you Sure you want to Cancel?  Remove Bond data from DB  Only active if Status = Draft |  |

**Fields:**

| **Label** | **Entity** | **Type** | **Length** | **Validation** | **Mandatory** | **Comments** |
| --- | --- | --- | --- | --- | --- | --- |
| Name | Document.Name | Read-only | 250 |  | Yes | - Specs from Uploaded documents  - Hyperlink that opens document |
| Date Created | Document.Created | Read-only | Date |  | Yes | DD-MM-YYYY |
| Type | Document.Type | Read-only | 8 |  | Yes | DOCX, PDF, XLSX,…etc |
|  |  |  |  |  |  |  |

#### Wire Frame 8 – Summary

**Buttons:**

| **Label** | **Action** | **Navigation** |
| --- | --- | --- |
| **Back** | Save any changes to DB | Navigate to screen 7: Documents |
| **Submit Request** | Save any changes to DB  System checks if Analysis is necessary.  If so, New Task is created  If not, system generates Bond Documents  If Bond Amount = over Global Review Limit 🡪 Warning popup: “*If you proceed, this bond will need to go through extra Approval by Atradius*”.  Warning is not blocking the flow. |  |
| **Preview** | System generates a PDF document with a summary of the bond |  |
| **Cancel** | Warning Message: Are you Sure you want to Cancel?  Remove Bond data from DB  Only active if Status = Draft |  |
| **Upload Document** | Browse + Select + Upload +  Save to Document Management System  This Button is always active, even after request has been submitted. | Only visible for Internal Users (FUW, TUW, Sen FUW) |
| **Delete Document** |  | Only visible for Internal Users (FUW, TUW, Sen FUW) |

**Fields:**

| **Label** | **Entity** | **Type** | **Length** | **Validation** | **Mandatory** | **Comments** |
| --- | --- | --- | --- | --- | --- | --- |
| **Customer** |  |  |  |  |  |  |
| Company Name | Customer.Name | Read-only |  |  | No |  |
| Address | Customer.Address | Read-only |  |  | No |  |
| Postal Code | Customer.PostalCode | Read-only |  |  | No |  |
| City | Customer.City | Read-only |  |  | No |  |
| Country | Customer.Country | Read-only |  |  | No |  |
| VAT number | Customer.VAT | Read-only |  |  | No |  |
| Customer Contact Name | Customer.ContactName | Read-only |  |  | No |  |
| **Beneficiary** |  |  |  |  |  |  |
| Company Name | Beneficiary.CompanyName | Read-only | 50 |  | No |  |
| Last Name | Beneficiary.LastName | Read-only | 50 |  | No |  |
| First Name | Beneficiary.FirstName | Read-only | 20 |  | No |  |
| Address | Beneficiary.Address | Read-only | 100 |  | No |  |
| Postal Code | Beneficiary.Postal Code | Read-only | 8 |  | No |  |
| City | Beneficiary.City | Read-only | 20 |  | No |  |
| Country | Beneficiary.Country | Read-only | LOV |  | No |  |
| VAT-number | Beneficiary.VAT | Read-only | 11 |  | No |  |
| **Bond Details** |  |  |  |  |  |  |
| Bond Class | Bond.Class | Read-only | LOV |  | No |  |
| Product | Bond.Product | Read-only | LOV |  | No |  |
| Bond ID | Bond.ID | Read-only | 20 |  | No |  |
| Bond Amount | Bond.Amount | Read-only | 15 |  | No |  |
| Start Date | Bond.StartDate | Read-only | Date |  | No |  |
| End Date | Bond.EndDate | Read-only | Date |  | No |  |
| **Documents** |  |  |  |  |  |  |
| Name | Document.Name | Read-only | 250 |  | No | Hyperlink that opens document |
| Date Created | Document.Created | Read-only | Date |  | No |  |
| Document Type | Document.Type | Read-only | 8 |  | No |  |

#### Wire Frame 9 – FUW Dashboard

**Buttons:**

| **Label** | **Action** | **Navigation** |
| --- | --- | --- |
| **Review/View** |  | Navigate to screen 12: Underwriter Analysis |

**Fields:**

| **Label** | **Entity** | **Type** | **Length** | **Validation** | **Mandatory** | **Comments** |
| --- | --- | --- | --- | --- | --- | --- |
| Customer | Customer.Name | Read-only |  |  | N/A |  |
| Policy ID | Policy.ID | Read-only |  |  | N/A |  |
| Bond ID | Bond.ID | Read-only |  |  | N/A |  |
| Bond Status | Bond.Status | Read-only |  |  | N/A |  |
| Bond Request Date | Bond.RequestDate | Read-only |  |  | N/A |  |
| Bond Amount | Bond.Amount | Read-only |  |  | N/A |  |
| Bond Class | Bond.Class | Read-only |  |  | N/A |  |
| Product | Bond.Product | Read-only |  |  | N/A |  |

#### Wire Frame 10 – Senior FUW Dashboard

**Buttons:**

| **Label** | **Action** | **Navigation** |
| --- | --- | --- |
| **Review/View** |  | Navigate to screen 12: Underwriter Analysis |

**Fields:**

| **Label** | **Entity** | **Type** | **Length** | **Validation** | **Mandatory** | **Comments** |
| --- | --- | --- | --- | --- | --- | --- |
| Customer | Customer.Name | Read-only |  |  | N/A |  |
| Policy ID | Policy.ID | Read-only |  |  | N/A |  |
| Bond ID | Bond.ID | Read-only |  |  | N/A |  |
| Bond Status | Bond.Status | Read-only |  |  | N/A |  |
| Bond Request Date | Bond.RequestDate | Read-only |  |  | N/A |  |
| Bond Amount | Bond.Amount | Read-only |  |  | N/A |  |
| Bond Class | Bond.Class | Read-only |  |  | N/A |  |
| Product | Bond.Product | Read-only |  |  | N/A |  |

#### Wire Frame 11 – TUW Dashboard

**Buttons:**

| **Label** | **Action** | **Navigation** |
| --- | --- | --- |
| **Review/View** |  | Navigate to screen 12: Underwriter Analysis |

**Fields:**

| **Label** | **Entity** | **Type** | **Length** | **Validation** | **Mandatory** | **Comments** |
| --- | --- | --- | --- | --- | --- | --- |
| Customer | Customer.Name | Read-only |  |  | N/A |  |
| Policy ID | Policy.ID | Read-only |  |  | N/A |  |
| Bond ID | Bond.ID | Read-only |  |  | N/A |  |
| Bond Status | Bond.Status | Read-only |  |  | N/A |  |
| Bond Request Date | Bond.RequestDate | Read-only |  |  | N/A |  |
| Bond Amount | Bond.Amount | Read-only |  |  | N/A |  |
| Bond Class | Bond.Class | Read-only |  |  | N/A |  |
| Product | Bond.Product | Read-only |  |  | N/A |  |

#### Wire Frame 12 – Underwriter Analysis

**Buttons:**

| **Label** | **Action** | **Navigation** |
| --- | --- | --- |
| **Save** | Save any changes to DB |  |
| **Submit** | Save any changes to DB  System checks if any other Analysis is necessary.  If so, New Task is created for the needed underwriter  If not, system generates Bond Documents |  |
| **Add Product** | Visual only, no function |  |
| **Add Class** | Visual only, no function |  |
| **View Bond Request** | Visual only, no function  In Bond details. |  |
| **View Analysis opinion** | Visual only, no function  In History applet. Navigate to previous Underwriter’s Analysis form/input (read-only). |  |

**Fields:**

| **Label** | **Entity** | **Type FUW** | **Type TUW** | **Length** | **Validation** | **Mandatory** | **Comments** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Customer** |  |  |  |  |  |  |  |
| Company Name | Customer.Name | Read-only | Read-only |  | N/A | N/A | ABC Consultants |
| Address | Customer.Address | Read-only | Read-only |  | N/A | N/A | 55 Rue du Faubourg Saint-Honoré |
| Postal Code | Customer.PostalCode | Read-only | Read-only |  | N/A | N/A | 75008 |
| City | Customer.City | Read-only | Read-only |  | N/A | N/A | Paris |
| Country | Customer.Country | Read-only | Read-only |  | N/A | N/A | France |
| VAT number | Customer.VAT | Read-only | Read-only |  | N/A | N/A | 12345678901 |
| Grouping ID | Customer.GroupingID | Read-only | Read-only | 20 | N/A | N/A | 1001 |
| Status | Customer.Status | Read-only | Read-only |  | N/A | N/A | Active |
| Customer Contact Name | Customer.ContactName | Read-only | Read-only | 50 | N/A | N/A | Gabriele Morkyte |

| **Label** | **Entity** | **Type** | **Length** | **Validation** | **Mandatory** | **Comments** |
| --- | --- | --- | --- | --- | --- | --- |
| **Bond Details** |  |  |  |  |  |  |
| Bond Class | Bond.Class | Read-only | LOV |  | Yes |  |
| Product | Bond.Product | Read-only | LOV |  | Yes |  |
| Standard Bond Text | Bond.StandardText | Read-only |  |  | No |  |
| Custom Bond Text | Bond.CustomText | Read-only |  |  | No |  |
| Bond Amount | Bond.Amount | Read-only | 15 |  | Yes | 1.000.000,00 + Currency |
| Start Date | Bond.StartDate | Read-only | Date |  | Yes | DD-MM-YYYY |
| End Date | Bond.EndDate | Read-only | Date |  | No | DD-MM-YYYY |
|  |  |  |  |  |  |  |
| Affected Sales agent | User.Name | Read-only | Read-only |  | N/A | Caroline Pendeville |
| Affected Financial underwriter | User.Name | Read-only | Read-only |  | N/A | Created FUW profile |
| Affected Technical underwriter | User.Name | Read-only | Read-only |  | N/A | Created TUW profile |

| **Label** | **Entity** | **Type FUW** | **Type TUW** | **Length** | **Validation** | **Mandatory** | **Comments** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Current Review limits** |  |  |  |  |  |  |  |
| Current Global Review Limit | Analysis.GRL | Read-only | Read-only |  |  | N/A | Tom |
| Current Next Review date | Analysis.ReviewDate | Read-only | Read-only |  |  | N/A | 31-12-2017 |
| ***Bond Class*** | Bond.Class | Read-only | Read-only |  |  |  | Review limit split by Bond class |
| Review Limit | Analysis.BondClassRL | Read-only | Read-only |  |  | N/A | Tom |
| ***Product*** | Bond.Product | Read-only | Read-only |  |  |  | Review limit split by Bond Product |
| Review Limit | Analysis.BondProductRL | Read-only | Read-only |  |  | N/A | Tom |

| **Label** | **Entity** | **Type FUW** | **Type TUW** | **Length** | **Validation** | **Mandatory** | **Comments** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Proposed Review limits** |  |  |  |  |  |  |  |
| New Global Review Limit | Analysis.GRL | Write | Not visible |  |  | No |  |
| New Next Review date | Analysis.ReviewDate | Write | Not visible |  |  | No |  |
| ***Bond Class*** | Bond.Class | Write | Not visible |  |  |  | Review limit split by Bond class |
| Review Limit | Analysis.BondClassRL | Write | Not visible |  |  | No |  |
| ***Product*** | Bond.Product | Write | Not visible |  |  |  | Review limit split by Bond Product |
| Review Limit | Analysis.BondProductRL | Write | Not visible |  |  | No |  |

| **Label** | **Entity** | **Type FUW** | **Type TUW** | **Length** | **Validation** | **Mandatory** | **Comments** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Current bonding exposure** |  |  |  |  |  |  |  |
| Global bonding exposure | Analysis.GBE | Read-only | Read-only |  |  | N/A | SUM of amounts of all bonds the customer has |
| ***Bond Class*** | Bond.Class |  |  |  |  |  |  |
| Current exposure | Analysis.  BondClassExposure | Read-only | Read-only |  |  | N/A | SUM of amounts of all bonds of this class the customer has |
| ***Product*** | Bond.Product | Read-only | Read-only |  |  |  |  |
| Current exposure | Analysis.  BondProductExposure | Read-only | Read-only |  |  | N/A | SUM of amounts of all bonds of this product the customer has |

| **Label** | **Entity** | **Type FUW** | **Type TUW** | **Length** | **Validation** | **Mandatory** | **Comments** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Economical analysis** |  |  |  |  |  |  |  |
| Creation date | Analysis.CreationDate | Write | Write | Formatted text |  | No |  |
| Legal form | Analysis.LegalForm | Write | Write | Formatted text |  | No |  |
| Share holders | Analysis.Shareholder | Write | Write | Table |  | No |  |
| History | Analysis.History | Write | Write | Formatted text |  | No |  |
| Group’s activity | Analysis.GroupActivity | Write | Write | Formatted text |  | No |  |
| Market study | Analysis.MarketStudy | Write | Write | Formatted text |  | No |  |
| Extra info | Analysis.ExtraInfo | Write | Write | Formatted text |  | No |  |
| Opinion on last financial reports | Analysis.  OpinionFinReports | Write | Write | Formatted text |  | No |  |
| Opinion on financial elements | Analysis.  OpinionFinElements | Write | Write | Formatted text |  | No |  |
| Perspectives for the next period | Analysis.Perspectives | Write | Write | Formatted text |  | No |  |
| Provisional sales | Analysis.ProvisionalSales | Write | Write | Formatted text |  | No |  |
| Investments and project | Analysis.Investments | Write | Write | Formatted text |  | No |  |
| External sources | Analysis.ExternalSources | Write | Write | Formatted text |  | No |  |
| Strengths | Analysis.Strengths | Write | Write | Formatted text |  | No |  |
| Weakness | Analysis.Weakness | Write | Write | Formatted text |  | No |  |

| **Label** | **Entity** | **Type FUW** | **Type TUW** | **Length** | **Validation** | **Mandatory** | **Comments** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Current bond line parameters** |  |  |  |  |  |  |  |
| Bond Line Amount | Analysis.BLA | Read-only | Read-only |  |  | N/A | *Automatically reduced if Review limit reduced.*  *By same percentage.*  *BLA <= Global Review limit* |
| ***Bond Class*** | Bond.Class |  |  |  |  | N/A | *Per blond class* |
| Bond line sublimit | Analysis.  BondClassBLSublimit | Read-only | Read-only |  |  | N/A | *Automatically reduced if Review limit reduced.*  *By same percentage.*  *Bond Line sublimit per Class <= Review limit* |
| Max individual bond amount | Analysis.  BondClassMaxIndAmount | Read-only | Read-only |  |  | N/A | *Automatically reduced if Review limit reduced.*  *By same percentage.* |
| Max duration | Analysis.  BondClassMaxDuration | Read-only | Read-only |  |  | N/A |  |
| Specific Bond Text | Analysis.SpecificBondText | Read-only | Read-only | LOV |  | N/A | GARANTIE GLOBALE bond text |
| ***Product*** | Bond.Product |  |  |  |  | N/A | *Per Product* |
| Bond line sublimit | Analysis.  BondProductBLSublimit | Read-only | Read-only |  |  | N/A | Tom  *Bond Line sublimit per Product <= Review limit per Product* |
| Max individual bond amount | Analysis.  BondProductMaxIndAmount | Read-only | Read-only |  |  | N/A | Tom |
| Max duration | Analysis.  BondProductMaxDuration | Read-only | Read-only |  |  | N/A | Tom |
| Specific Bond Text | Analysis.SpecificBondText | Read-only | Read-only | LOV |  | N/A | GARANTIE GLOBALE bond text |

| **Label** | **Entity** | **Type FUW** | **Type TUW** | **Length** | **Validation** | **Mandatory** | **Comments** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Proposed bond line parameters** |  |  |  |  |  |  |  |
| Bond line amount | Analysis.BLA | Not visible | Write |  |  | N/A | *Automatically reduced if Review limit reduced.*  *By same percentage.*  *BLA <= Global Review limit* |
| ***Bond Class*** | Bond.Class | Not visible | Write |  |  | N/A | *Per blond class* |
| Bond line sublimit | Analysis.  BondClassBLSublimit | Not visible | Write |  |  | N/A | *Automatically reduced if Review limit reduced.*  *By same percentage.*  *Bond Line sublimit per Class <= Review limit* |
| Max individual bond amount | Analysis.  BondClassMaxIndAmount | Not visible | Write |  |  | N/A | *Automatically reduced if Review limit reduced.*  *By same percentage.* |
| Max duration | Analysis.  BondClassMaxDuration | Not visible | Write |  |  | N/A |  |
| Specific Bond Text | Analysis.SpecificBondText | Not visible | Write | LOV |  | N/A | GARANTIE GLOBALE bond text |
| ***Product*** | Bond.Product | Not visible | Write |  |  |  | *Per Product* |
| Bond line sublimit | Analysis.  BondProductBLSublimit | Not visible | Write |  |  | No | *Bond Line sublimit per Product <= Review limit per Product* |
| Max individual bond amount | Analysis.  BondProductMaxIndAmount | Not visible | Write |  |  | No |  |
| Max duration | Analysis.  BondProductMaxDuration | Not visible | Write |  |  | No |  |
| Specific Bond Text | Analysis.SpecificBondText | Not visible | Write | LOV |  | No |  |

| **Label** | **Entity** | **Type FUW** | **Type TUW** | **Length** | **Validation** | **Mandatory** | **Comments** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Underwriting opinion** |  |  |  |  |  |  |  |
| Comments on current exposure | Analysis.ExposureComments | Write | Write | Formatted text |  | Yes |  |
| Motive / Comments on request | Analysis.Motive | Write | Write | Formatted text |  | Yes |  |
| Decision | Analysis.Decision | Write | Write | LOV |  | Yes | - Approved as submitted  - Approved with modifications  - Refused  - Waiting for information |
| Conditions | Analysis.Conditions | Write | Write | Formatted text |  | Yes |  |

| **Label** | **Entity** | **Type FUW** | **Type TUW** | **Length** | **Validation** | **Mandatory** | **Comments** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **History** |  |  |  |  |  |  |  |
| Decision | Analysis.Decision | Read-only | Read-only | LOV |  | Yes |  |
| Underwriter | User.Name | Read-only | Read-only |  |  | Yes |  |
| Decision Date | Analysis.DecisionCreationDate | Read-only | Read-only | Date |  | Yes |  |
|  |  |  |  |  |  |  |  |

#### Validations

| Nr. | Condition | Result | Comments |
| --- | --- | --- | --- |
|  | If the user clicks ‘Submit’  And Bond Amount > Review Limit per Product | Then The system creates a task for the Functional Underwriter  And the Status of the Bond remains ‘Requested’ | FUW trigger |
|  | If the FUW’s decision = ‘Approved as submitted’ Or ‘Approved with modifications’  And the Review Limit per Product > 10 million EUR | Then The system creates a task for the Senior FUW  And the Status of the Bond remains ‘Requested’ | Senior FUW trigger |
|  | If the FUW’s decision = ‘Refused’ | Then the Status of the Bond becomes ‘Refused’ | End of Flow |
|  | If the user clicks ‘Submit’  And Bond Amount > Bond Line sub- limit per Product | Then The system creates a task for the Technical Underwriter  And the Status of the Bond remains ‘Requested’ | TUW trigger |
|  | If the user clicks ‘Submit’  And A Custom Bond text was uploaded by Customer | Then The system creates a task for the Technical Underwriter  And the Status of the Bond remains ‘Requested’ | TUW trigger  Out of Scope |
|  | If the FUW’s decision = ‘Approved as submitted’ Or ‘Approved with modifications’  And the Review Limit <= 10 million EUR  And Bond Amount > Bond Line sub- limit per Product | Then the system creates a task for the Technical Underwriter.  And the Status of the Bond remains ‘Requested’ | TUW trigger |
|  | If the FUW’s decision = ‘Approved as submitted’ Or ‘Approved with modifications’  And the Review Limit <= 10 million EUR  And A Custom Bond text was uploaded by Customer | Then the system creates a task for the Technical Underwriter.  And the Status of the Bond remains ‘Requested’ | TUW trigger  Out of Scope |
|  | If the SENIOR FUW’s decision = ‘Approved as submitted’ Or ‘Approved with modifications’  And Bond Amount > Bond Line sub- limit per Product | Then the system creates a task for the Technical Underwriter.  And the Status of the Bond remains ‘Requested’ | TUW trigger |
|  | If the SENIOR FUW’s decision = ‘Approved as submitted’ Or ‘Approved with modifications’  And A Custom Bond text was uploaded by Customer | Then the system creates a task for the Technical Underwriter.  And the Status of the Bond remains ‘Requested’ | TUW trigger  Out of Scope |
|  | If the TUW’s decision = ‘Approved as submitted’ Or ‘Approved with modifications’ | Then The system issues Bond documents  And the Status of the Bond becomes ‘Approved | Issue trigger |
|  | If the user clicks ‘Submit’  And Bond Amount < Review Limit  And Bond Amount > Bond Line sub- limit per Product  And A Custom Bond text was uploaded by Customer | Then The system issues Bond documents  And the Status of the Bond becomes ‘Approved | Issue trigger |
|  | If the Review limit of a Product > Review limit of the Class that Product is part of | Then The system shows this warning: “*The Review Limit for Product (Name Product) cannot be greater than that of Class (Name Class)*” |  |
|  | If the Review limit of a Class > Global Review Limit | Then The system shows this warning: “*The Review Limit for Class (Name Class) cannot be greater than the Global Review Limit*” |  |
|  | If the Bond Line sub-limit of a Product > Bond Line sub-limit of the Class that Product is part of | Then The system shows this warning: “*The Bond Line sub- limit for Product (Name Product) cannot be greater than that of Class (Name Class)*” |  |
|  | If the Bond Line sub-limit of a Class > Bond Line Amount | Then The system shows this warning: “*The Bond Line sub- limit for Class (Name Class) cannot be greater than the Bond Line Amount*” |  |
|  | If the specific bond text, selected as a parameter for a Product, is <> the specific bond text, selected as a parameter for Class that Product is part of | Then The system shows this warning: “*The Specific Bond Text for Product (Name Product) has to be equal to that of Class (Name Class)*” | Out of Scope |
|  | If the Max Individual Bond Amount of a Product > Max Individual Bond Amount of the Class that Product is part of | Then The system shows this warning: “*The Max Individual Bond Amount for Product (Name Product) cannot be greater than that of Class (Name Class)*” | Out of Scope |
|  | If the Max Duration of a Product > Max Duration of the Class that Product is part of | Then The system shows this warning: “*The Max* Duration *for Product (Name Product) cannot be greater than that of Class (Name Class)*” | Out of Scope |

## Security Considerations

Following table provides per object the authorization matrix, roles which are not listed are not allowed to access any of the objects listed

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Object / Role | Customer | FUW | Senior FUW | TUW |
| Dashboard | X | X | X | X |
| Bond Details | X |  |  |  |
| Bond Overview | X | X | X | X |
| Analysis form |  | X | X | X |
|  |  |  |  |  |

# Non-Functional View

Non-Functional Requirements (NFR) represents technology requirements to be considered by the proposed architecture and solution design.

The following table lists specific NFRs which are relevant for this Design Use Case, and describes how they have been considered in the design.

|  |  |  |
| --- | --- | --- |
|  | **NFR Target** | **Design Considerations** |
| **Scalability** |  |  |
| **Response Time Performance** |  |  |
| **Reliability / Availability** |  |  |
| **Usability** |  |  |
| **Configurability** |  |  |
| **Globalisation** |  |  |
| **Information Consistency and Actuality** |  |  |
| **Authentication** |  |  |
| **Authorization** |  |  |
| **Encryption** |  |  |
| **Auditing** |  |  |
| **Intrusion Detection and Protection** |  |  |