

Bibliothèque

khalid

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Use Case Scheduling

Rank	Use Case Name	Justification
Unspecified	reserver un livre	
Unspecified	Consulter les livres empruntés	
Unspecified	Athentification	
Unspecified	Ajouter un livre	
Unspecified	Supprimer un livre	
Unspecified	Valider l'emprunt	
Unspecified	consulter un livre	
Unspecified	Modifier un livre	
Unspecified	Rapporter un livre	

Use Case Ranks

Rank	Description
Low	
Medium	
High	

Stereotypes

UseCase	
Tagged Value Definitions	Level
	Author khali
	Create Date Time 22/11/2022 06:18:12 #
	Last Modified 04/04/2023 12:29:26 #
	Type Enumeration
	Enumeration Values Summary, User, Subfunction
	Complexity
	Author khali
	Create Date Time 22/11/2022 06:18:12 #
	Last Modified 04/04/2023 12:29:26 #
	Type Enumeration
	Enumeration Values Low, Medium, High
	Use Case Status
	Author khali
	Create Date Time 22/11/2022 06:18:12 #
	Last Modified 04/04/2023 12:29:26 #
	Type Enumeration
	Enumeration Values Name Only, Initial, Base, Complete, Deferred
	Implementation Status
	Author khali
	Create Date Time 22/11/2022 06:18:12 #
	Last Modified 04/04/2023 12:29:26 #
	Type Enumeration
	Enumeration Values Scheduled, Started, Partially Complete, Complete, Partially Deferred
	Preconditions
	Author khali
	Create Date Time 22/11/2022 06:18:12 #
	Last Modified 04/04/2023 12:29:26 #
	Type Multi-line Text
	Post-conditions
	Author khali
	Create Date Time 22/11/2022 06:18:12 #
	Last Modified 04/04/2023 12:29:26 #
	Type Multi-line Text

Author	
Author	khali
Create Date Time	22/11/2022 06:18:12 #
Last Modified	04/04/2023 12:29:26 #
Type	Text
Assumptions	
Author	khali
Create Date Time	22/11/2022 06:18:12 #
Last Modified	04/04/2023 12:29:26 #
Type	Multi-line Text

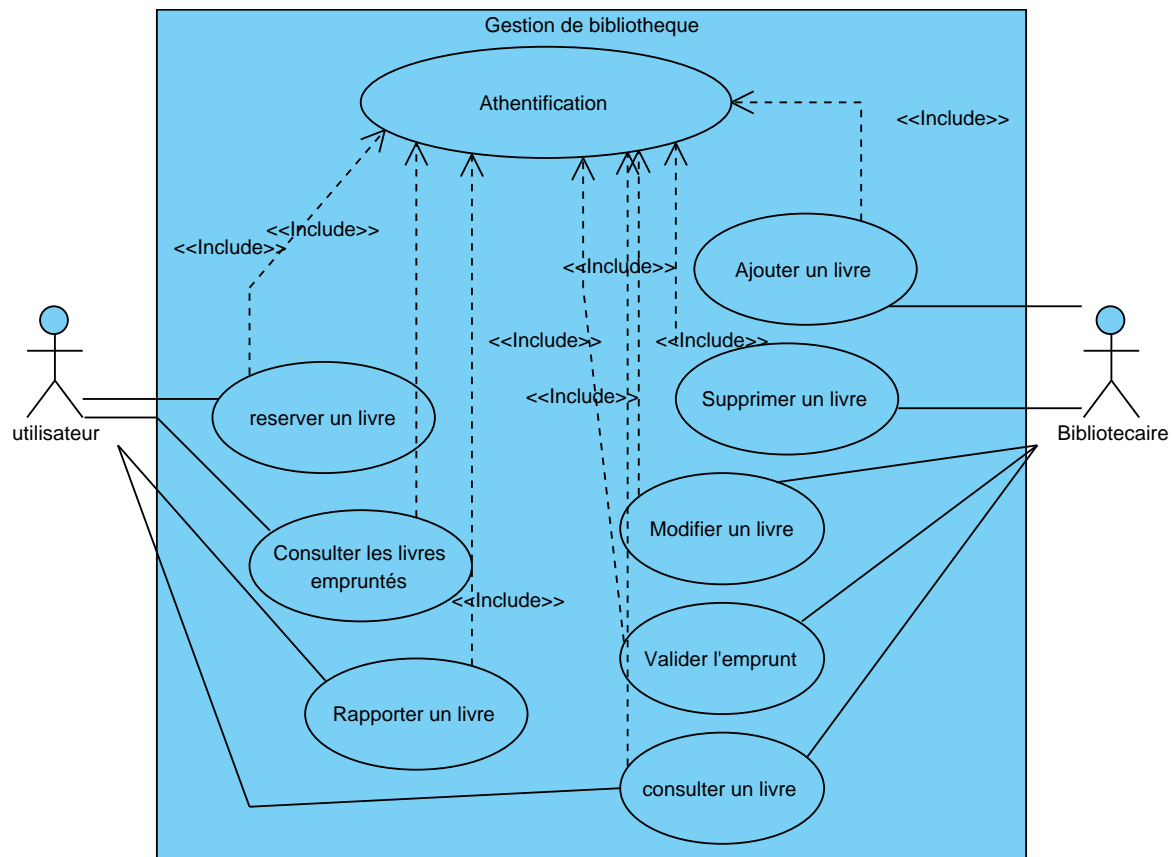
requirement	
Tagged Value Definitions	Text
	Author
	khali
	Create Date Time
	22/11/2022 06:18:11 #
	Last Modified
	04/04/2023 12:29:26 #
	Type
	HTML Text
	ID
	Author
	khali
	Create Date Time
	22/11/2022 06:18:11 #
	Last Modified
	04/04/2023 12:29:26 #
	Type
	Text
	source
	Author
	khali
	Create Date Time
	22/11/2022 06:18:11 #
	Last Modified
	04/04/2023 12:29:26 #
	Type
	Text
	kind
	Author
	khali
	Create Date Time
	22/11/2022 06:18:11 #
	Last Modified
	04/04/2023 12:29:26 #
	Type
	Enumeration
	Enumeration Values
	Functional, Performance, Interface
	verifyMethod
	Author
	khali
	Create Date Time
	22/11/2022 06:18:11 #
	Last Modified
	04/04/2023 12:29:26 #
	Type
	Enumeration
	Enumeration Values
	Analysis, Demonstration, Inspection, Test

	risk	
	Author	khali
	Create Date Time	22/11/2022 06:18:11 #
	Last Modified	04/04/2023 12:29:26 #
	Type	Enumeration
	Enumeration Values	High, Medium, Low
	status	
	Author	khali
	Create Date Time	22/11/2022 06:18:11 #
	Last Modified	04/04/2023 12:29:26 #
	Type	Enumeration
	Enumeration Values	Proposed, Approved, Rejected, Deferred, Implemented, Mandatory, Obsolete

Extend
Include
entity
boundary
control
auxiliary
Delegate
CORBATypedef
CORBAStruct
CORBAConstants

Use Case Diagram









Use Case Diagram1



Name	Value
Name	Use Case Diagram1
Author	khali
Create Date Time	04/04/2023 12:20:04 #
Last Modified	13/04/2023 04:05:24 #
Show Extend Condition	false

Summary

Name	Documentation
utilisateur	
Bibliotecaire	
Rapporter un livre	Lorsque l'utilisateur a terminé de lire le livre emprunté, il peut le rapporter à la bibliothèque. Il se Le système enregistre le retour du livre et met à jour le statut de l'emprunt.
Modifier un livre	Ce cas d'utilisation permet à un utilisateur de modifier les informations d'un livre existant dans la base de données de l'application de gestion de bibliothèque.

 consulter un livre	L'utilisateur recherche le livre qu'il souhaite consulter en utilisant le système de recherche de l'application
 Valider l'emprunt	L'utilisateur demande à emprunter un livre et le bibliothécaire doit valider l'emprunt
 Supprimer un livre	Ce cas d'utilisation permet à un utilisateur de supprimer un livre de la base de données de l'application de gestion de bibliothèque
 Ajouter un livre	Cette use case permet à le bibliothécaire d'ajouter un nouveau livre à la base de données du système de gestion de bibliothèque. il saisit les informations pour le livre, y compris l'id, titre, l'auteur, l'ISBN, la catégorie..
 Authentification	Cette use case permet à un utilisateur de s'authentifier sur le système de gestion de bibliothèque en fournissant des informations d'identification valides.
 Consulter les livres empruntés	L'utilisateur peut consulter la liste des livres qu'il a empruntés en se connectant à son compte sur le système de la bibliothèque. Il peut voir les détails de chaque livre emprunté, tels que le titre, l'auteur, la date d'emprunt, la date de retour prévue, etc.
 réserver un livre	l'utilisateur peut cliquer sur un bouton pour réserver un livre
 Gestion de bibliotheque	

Documentation


Details





utilisateur


Name	Value	
Author	khali	
Create Date Time	04/04/2023 12:20:40 #	
Last Modified	13/04/2023 03:43:03 #	
ID	AC01	
Visibility	public	
Abstract	false	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary
Business Model	false	
Goals		

Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 reserver un livre
	Author	khali
	Create Date Time	04/04/2023 12:22:51 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	04/04/2023 12:22:51 #	
Last Modified	04/04/2023 09:31:56 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Unnamed Association		
To	Name	Value
	End Model Element	 Rapporter un livre
	Author	khali
	Create Date Time	13/04/2023 03:42:43 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 03:42:43 #	
Last Modified	13/04/2023 10:30:49 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Unnamed Association		
From	Name	Value
	End Model Element	 Consulter les livres empruntés
	Author	khali
	Create Date Time	04/04/2023 12:22:57 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	04/04/2023 12:22:57 #	
Last Modified	04/04/2023 09:31:56 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	


Unnamed Association		
From	Name	Value
	End Model Element	 consulter un livre
	Author	khali
	Create Date Time	08/04/2023 10:15:12 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	08/04/2023 10:15:12 #	
Last Modified	08/04/2023 10:32:57 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	





Bibliotecaire


Name	Value	
Author	khali	
Create Date Time	04/04/2023 12:23:24 #	
Last Modified	08/04/2023 10:40:49 #	
ID	AC03	
Visibility	public	
Abstract	false	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary
Business Model	false	
Goals		


Relationships

Unnamed Association		
From	Name	Value
	End Model Element	 Supprimer un livre
	Author	khali
	Create Date Time	04/04/2023 12:26:10 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	04/04/2023 12:26:10 #	
Last Modified	04/04/2023 09:31:56 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Unnamed Association		
From	Name	Value
	End Model Element	 Ajouter un livre
	Author	khali
	Create Date Time	04/04/2023 12:26:16 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	04/04/2023 12:26:16 #	
Last Modified	04/04/2023 09:31:56 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Unnamed Association		
From	Name	Value
	End Model Element	 Valider l'emprunt
	Author	khali
	Create Date Time	04/04/2023 12:54:57 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	04/04/2023 12:54:57 #	
Last Modified	04/04/2023 09:31:56 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Unnamed Association		
From	Name	Value
	End Model Element	 consulter un livre
	Author	khali
	Create Date Time	08/04/2023 10:15:06 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	08/04/2023 10:15:06 #	
Last Modified	08/04/2023 10:32:57 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	


Unnamed Association		
From	Name	Value
	End Model Element	 Modifier un livre
	Author	khali
	Create Date Time	08/04/2023 10:38:41 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	08/04/2023 10:38:41 #	
Last Modified	08/04/2023 10:54:30 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	


Rapporteur un livre

Name	Value
Documentation	Lorsque l'utilisateur a terminé de lire le livre emprunté, il peut le rapporter à la bibliothèque. Il se Le système enregistre le retour du livre et met à jour le statut de l'emprunt.
Author	khali
Create Date Time	13/04/2023 03:42:22 #
Last Modified	13/04/2023 10:30:49 #
ID	UC09
Abstract	false
Leaf	false
Root	false
Stereotypes	UseCase

Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Business Model	false	

Relationships



Unnamed Include	
To	 Authentification
Author	khali
Create Date Time	13/04/2023 03:43:42 #
Last Modified	13/04/2023 10:30:49 #
Visibility	Unspecified
Stereotypes	Include
Quality Score	Good

Unnamed Association		
From	Name	Value
	End Model Element	 utilisateur
	Author	khali
	Create Date Time	13/04/2023 03:42:43 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 03:42:43 #	
Last Modified	13/04/2023 10:30:49 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Flow of Events

1.sélectionne le livre a rapporter
2. if le livre est en retard
2.1. SYSTEM affiche un message de notification
3. else
3.1. SYSTEM message de confirmation
end if


Sub Diagrams


Name	Documentation
 Rapporter un livre - Flow of Events	
 Rapporter un livre - Flow of Events	

Modifier un livre

Name	Value	
Documentation	Ce cas d'utilisation permet à un utilisateur de modifier les informations d'un livre existant dans la base de données de l'application de gestion de bibliothèque.	
Author	khali	
Create Date Time	08/04/2023 10:38:22 #	
Last Modified	13/04/2023 02:56:55 #	
ID	UC08	
Abstract	false	
Leaf	false	
Root	false	
Stereotypes	UseCase	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Business Model	false	

Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 Bibliothecaire
	Author	khali
	Create Date Time	08/04/2023 10:38:41 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	08/04/2023 10:38:41 #	
Last Modified	08/04/2023 10:54:30 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	



Unnamed Include	
To	 Athentification
Author	khali
Create Date Time	08/04/2023 10:39:38 #
Last Modified	08/04/2023 10:54:30 #
Visibility	Unspecified
Stereotypes	Include
Quality Score	Good

Flow of Events

1.sélectionne le livre à modifier.
2. SYSTEM vérifie si le livre existe dans la base de données
3. if le livre existe
3.1. SYSTEM affiche un formulaire de modification avec les informations actuelles du livre

3.2.modifie les informations du livre
3.3. SYSTEM vérifie si les nouvelles informations sont valides
3.4. SYSTEM affiche un message de confirmation de la modification
4. else
4.1. SYSTEM affiche un message d'erreur
end if


Sub Diagrams


Name	Documentation
 Modifier un livre - Flow of Events	
 Modifier un livre - Flow of Events	


consulter un livre

Name	Value	
Documentation	L'utilisateur recherche le livre qu'il souhaite consulter en utilisant le système de recherche de l'application	
Author	khali	
Create Date Time	08/04/2023 10:14:28 #	
Last Modified	13/04/2023 04:06:13 #	
ID	UC07	
Abstract	false	
Leaf	false	
Root	false	
Stereotypes	UseCase	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Business Model	false	

Relationships

Unnamed Include	
To	 Authentification
Author	khali
Create Date Time	08/04/2023 10:14:54 #
Last Modified	08/04/2023 10:32:57 #
Visibility	Unspecified
Stereotypes	Include
Quality Score	Good



Unnamed Association		
To	Name	Value
	End Model Element	 Bibliotecaire
	Author	khali
	Create Date Time	08/04/2023 10:15:06 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	08/04/2023 10:15:06 #	
Last Modified	08/04/2023 10:32:57 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Unnamed Association		
To	Name	Value
	End Model Element	 utilisateur
	Author	khali
	Create Date Time	08/04/2023 10:15:12 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	08/04/2023 10:15:12 #	
Last Modified	08/04/2023 10:32:57 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Flow of Events

1.recherche un livre
2. if livre existe
2.1. SYSTEM affiche les informations du livre
3. else
3.1. SYSTEM le livre n'existe pas
end if


Sub Diagrams


Name	Documentation
 consulter un livre - Flow of Events	
 consulter un livre - Flow of Events	

Valider l'emprunt

Name	Value	
Documentation	L'utilisateur demande à emprunter un livre et le bibliothécaire doit valider l'emprunt	
Author	khali	
Create Date Time	04/04/2023 12:54:14 #	
Last Modified	13/04/2023 03:04:19 #	
ID	UC06	
Abstract	false	
Leaf	false	
Root	false	
Stereotypes	UseCase	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Business Model	false	

Relationships



Unnamed Include	
To	 Authentification
Author	khali
Create Date Time	04/04/2023 12:54:32 #
Last Modified	04/04/2023 09:31:56 #
Visibility	Unspecified
Stereotypes	Include
Quality Score	Good

Unnamed Association		
To	Name	Value
	End Model Element	 Bibliotecaire
	Author	khali
	Create Date Time	04/04/2023 12:54:57 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	04/04/2023 12:54:57 #	
Last Modified	04/04/2023 09:31:56 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Flow of Events

1.Récupérer la liste des réservations en attente de validation
2. SYSTEM Liste des réservations en attente
3.Choisir une réservation à valider
4. SYSTEM demander le délai de réservation
5.Spécifier le délai de réservation
6.valider
7. SYSTEM Afficher un message de confirmation


Sub Diagrams


Name	Documentation
 Valider l'emprunt - Flow of Events	
 Valider l'emprunt - Flow of Events	

Supprimer un livre

Name	Value	
Documentation	Ce cas d'utilisation permet à un utilisateur de supprimer un livre de la base de données de l'application de gestion de bibliothèque	
Author	khali	
Create Date Time	04/04/2023 12:25:57 #	
Last Modified	13/04/2023 03:45:34 #	
ID	UC05	
Abstract	false	
Leaf	false	
Root	false	
Stereotypes	UseCase	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Business Model	false	

Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 Bibliotecaire
	Author	khali
	Create Date Time	04/04/2023 12:26:10 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	04/04/2023 12:26:10 #	
Last Modified	04/04/2023 09:31:56 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	



Unnamed Include	
To	 Athentification
Author	khali
Create Date Time	13/04/2023 03:45:22 #
Last Modified	13/04/2023 10:30:49 #
Visibility	Unspecified
Stereotypes	Include
Quality Score	Good

Flow of Events

1.sélectionne le livre à supprimer
2. SYSTEM vérifie si le livre existe dans la base de données
3. if livre existe
3.1. SYSTEM demandant une confirmation de la suppression

3.2. if confirme la suppression
3.2.1. SYSTEM supprime le livre de la base de données
3.3. else
3.3.1. SYSTEM annule la suppression
end if
4. else
4.1. SYSTEM affiche un message d'erreur
end if


Sub Diagrams


Name	Documentation
 Supprimer un livre - Flow of Events	
 Supprimer un livre - Flow of Events	

Ajouter un livre

Name	Value	
Documentation	Cette use case permet à le bibliothecaire d'ajouter un nouveau livre à la base de données du système de gestion de bibliothèque. il saisit les informations pour le livre, y compris l'id, titre, l'auteur, l'ISBN, la catégorie..	
Author	khali	
Create Date Time	04/04/2023 12:25:47 #	
Last Modified	13/04/2023 02:24:37 #	
ID	UC04	
Abstract	false	
Leaf	false	
Root	false	
Stereotypes	UseCase	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Business Model	false	

Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 Bibliotecaire
	Author	khali
	Create Date Time	04/04/2023 12:26:16 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	04/04/2023 12:26:16 #	
Last Modified	04/04/2023 09:31:56 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	



Unnamed Include	
To	 Athentification
Author	khali
Create Date Time	04/04/2023 12:26:25 #
Last Modified	04/04/2023 09:31:56 #
Visibility	Unspecified
Stereotypes	Include
Quality Score	Good

Flow of Events

1.sélectionne l'option pour ajouter un nouveau livre
2. SYSTEM affiche une formulaire
3. saisir les informations du livre
4. SYSTEM Vérifier la validité des information

5. if informations valide
5.1. SYSTEM Confirmer l'ajoute de livre
6. else
6.1. SYSTEM Afficher un message d'erreur
end if
7.


Sub Diagrams


Name	Documentation
 Ajouter un livre - Flow of Events	
 Ajouter un livre - Flow of Events	


Athentification


Name	Value	
Documentation	Cette use case permet à un utilisateur de s'authentifier sur le système de gestion de bibliothèque en fournissant des informations d'identification valides.	
Author	khali	
Create Date Time	04/04/2023 12:24:02 #	
Last Modified	13/04/2023 03:45:34 #	
ID	UC03	
Abstract	false	
Leaf	false	
Root	false	
Stereotypes	UseCase	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Business Model	false	


Relationships


Unnamed Include	
From	 reserver un livre
Author	khali
Create Date Time	04/04/2023 12:24:55 #
Last Modified	04/04/2023 09:31:56 #
Visibility	Unspecified
Stereotypes	Include
Quality Score	Good

Unnamed Include	
From	 Consulter les livres empruntés
Author	khali
Create Date Time	04/04/2023 12:25:12 #
Last Modified	04/04/2023 09:31:56 #
Visibility	Unspecified
Stereotypes	Include
Quality Score	Good

Unnamed Include	
From	 Ajouter un livre
Author	khali
Create Date Time	04/04/2023 12:26:25 #
Last Modified	04/04/2023 09:31:56 #
Visibility	Unspecified
Stereotypes	Include
Quality Score	Good

Unnamed Include	
From	 Valider l'emprunt
Author	khali
Create Date Time	04/04/2023 12:54:32 #
Last Modified	04/04/2023 09:31:56 #
Visibility	Unspecified
Stereotypes	Include
Quality Score	Good

Unnamed Include	
From	 consulter un livre
Author	khali
Create Date Time	08/04/2023 10:14:54 #
Last Modified	08/04/2023 10:32:57 #
Visibility	Unspecified
Stereotypes	Include
Quality Score	Good

Unnamed Include	
From	 Modifier un livre
Author	khali
Create Date Time	08/04/2023 10:39:38 #
Last Modified	08/04/2023 10:54:30 #
Visibility	Unspecified
Stereotypes	Include
Quality Score	Good



Unnamed Include	
From	 Rapporter un livre
Author	khali
Create Date Time	13/04/2023 03:43:42 #
Last Modified	13/04/2023 10:30:49 #
Visibility	Unspecified
Stereotypes	Include
Quality Score	Good

Unnamed Include	
From	 Supprimer un livre
Author	khali
Create Date Time	13/04/2023 03:45:22 #
Last Modified	13/04/2023 10:30:49 #
Visibility	Unspecified
Stereotypes	Include
Quality Score	Good

Flow of Events

1. Saisir le login et le mot de passe
2. SYSTEM Vérification des informations d'identification
3. if Utilisateur existe
3.1. SYSTEM Redirection vers la page d'accueil d'accueil
4. else
4.1. SYSTEM Affichage d'un message d'erreur
end if


Sub Diagrams


Name	Documentation
 Authentification - Flow of Events	
 Authentification - Flow of Events	

Consulter les livres empruntés

Name	Value	
Documentation	L'utilisateur peut consulter la liste des livres qu'il a empruntés en se connectant à son compte sur le système de la bibliothèque. Il peut voir les détails de chaque livre emprunté, tels que le titre, l'auteur, la date d'emprunt, la date de retour prévue, etc.	
Author	khali	
Create Date Time	04/04/2023 12:22:15 #	
Last Modified	13/04/2023 04:05:17 #	
ID	UC02	
Abstract	false	
Leaf	false	
Root	false	
Stereotypes	UseCase	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Business Model	false	

Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 utilisateur
	Author	khali
	Create Date Time	04/04/2023 12:22:57 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	04/04/2023 12:22:57 #	
Last Modified	04/04/2023 09:31:56 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	



Unnamed Include	
To	 Authentification
Author	khali
Create Date Time	04/04/2023 12:25:12 #
Last Modified	04/04/2023 09:31:56 #
Visibility	Unspecified
Stereotypes	Include
Quality Score	Good

Flow of Events

1.consulter les livres empruntes
2. if existe
2.1. SYSTEM affiche la liste des livres empruntés
3. else

3.1. SYSTEM affiche un message de notification
end if


Sub Diagrams


Name	Documentation
 Consulter les livres empruntés - Flow of Events	
 Consulter les livres empruntés - Flow of Events	

réserver un livre

Name	Value	
Documentation	l'utilisateur peut cliquer sur un bouton pour réserver un livre	
Author	khali	
Create Date Time	04/04/2023 12:21:56 #	
Last Modified	13/04/2023 04:05:17 #	
ID	UC01	
Abstract	false	
Leaf	false	
Root	false	
Stereotypes	UseCase	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Business Model	false	

Relationships



Unnamed Include	
To	 Authentification
Author	khali
Create Date Time	04/04/2023 12:24:55 #
Last Modified	04/04/2023 09:31:56 #
Visibility	Unspecified
Stereotypes	Include
Quality Score	Good

Unnamed Association		
From	Name	Value
	End Model Element	 utilisateur
	Author	khali
	Create Date Time	04/04/2023 12:22:51 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	04/04/2023 12:22:51 #	
Last Modified	04/04/2023 09:31:56 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Flow of Events

1.sélectionne le livre à réserver
2. if livre disponible
2.1. SYSTEM enregistre la réservation du livre
3. else
3.1. SYSTEM affiche un message de notification
end if










Sub Diagrams

Name	Documentation
 réserver un livre - Flow of Events	
 réserver un livre - Flow of Events	

Gestion de bibliotheque

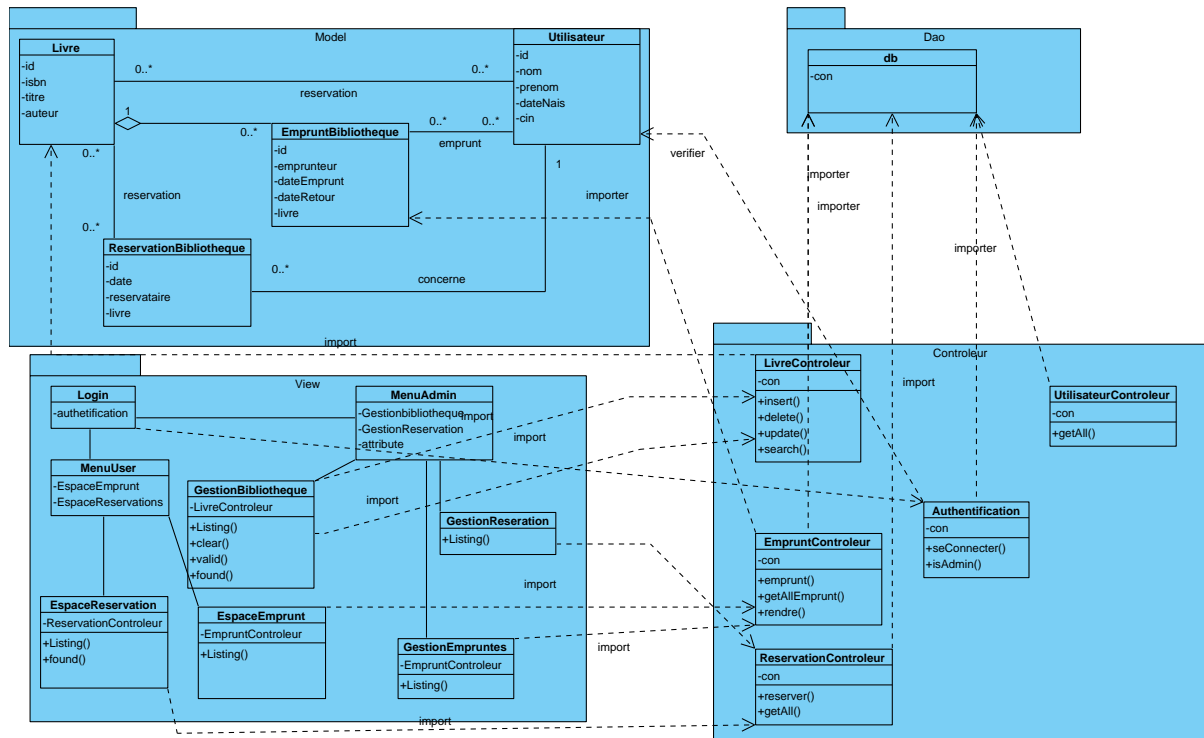
Name	Value	
Author	khali	
Create Date Time	04/04/2023 09:22:20 #	
Last Modified	13/04/2023 03:42:26 #	
Abstract	false	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Children

Name	Documentation
 reserver un livre	l'utilisateur peut cliquer sur un bouton pour réserver un livre
 Consulter les livres empruntés	L'utilisateur peut consulter la liste des livres qu'il a empruntés en se connectant à son compte sur le système de la bibliothèque. Il peut voir les détails de chaque livre emprunté, tels que le titre, l'auteur, la date d'emprunt, la date de retour prévue, etc.
 Athentification	Cette use case permet à un utilisateur de s'authentifier sur le système de gestion de bibliothèque en fournissant des informations d'identification valides.
 Ajouter un livre	Cette use case permet à le bibliothecaire d'ajouter un nouveau livre à la base de données du système de gestion de bibliothèque. il saisit les informations pour le livre, y compris l'id, titre, l'auteur, l'ISBN, la catégorie..
 Supprimer un livre	Ce cas d'utilisation permet à un utilisateur de supprimer un livre de la base de données de l'application de gestion de bibliothèque
 Valider l'emprunt	L'utilisateur demande à emprunter un livre et le bibliothécaire doit valider l'emprunt
 consulter un livre	L'utilisateur recherche le livre qu'il souhaite consulter en utilisant le système de recherche de l'application
 Modifier un livre	Ce cas d'utilisation permet à un utilisateur de modifier les informations d'un livre existant dans la base de données de l'application de gestion de bibliothèque.
 Rapporter un livre	Lorsque l'utilisateur a terminé de lire le livre emprunté, il peut le rapporter à la bibliothèque. Il se Le système enregistre le retour du livre et met à jour le statut de l'emprunt.

Class Diagram









Class Diagram generale



Name	Value
Name	Class Diagram generale
Author	khali
Create Date Time	04/04/2023 01:21:37 #
Last Modified	13/04/2023 07:29:55 #

Summary

Name	Documentation
Model	
Dao	
Utilisateur	
Livre	
db	
EmpruntBibliotheque	
ReservationBibliotheque	
Controleur	
View	
LivreControleur	
Login	
MenuAdmin	
UtilisateurControleur	
MenuUser	





 GestionBibliotheque	
 Authentification	
 GestionReseration	
 EmpruntControleur	
 EspaceReservation	
 EspaceEmprunt	
 GestionEmpruntes	
 ReservationControleur	

Details

Model

Name	Value	
Author	khali	
Create Date Time	04/04/2023 01:28:03 #	
Last Modified	12/04/2023 05:26:43 #	
Abstract	false	
Leaf	false	
Root	false	
Quality Score	Very Bad	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
	Model element without any relationship	Connect model element with relationship
Visibility	public	

Children

Name	Documentation
 Utilisateur	
 Livre	
 EmpruntBibliotheque	
 ReservationBibliotheque	

Dao

Name	Value	
Author	khali	
Create Date Time	04/04/2023 01:48:47 #	
Last Modified	12/04/2023 05:12:32 #	
Abstract	false	
Leaf	false	
Root	false	
Quality Score	Very Bad	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
	Model element without any relationship	Connect model element with relationship
Visibility	public	

Children

Name	Documentation
 db	

Utilisateur

Name	Value	
Author	khali	
Create Date Time	04/04/2023 01:29:34 #	
Last Modified	12/04/2023 05:25:51 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Attributes

private id			
Author	khali		
Create Date Time	04/04/2023 01:31:06 #		
Last Modified	12/04/2023 04:34:15 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


private nom			
Author	khali		
Create Date Time	04/04/2023 01:31:15 #		
Last Modified	12/04/2023 04:34:15 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


private prenom			
Author	khali		
Create Date Time	04/04/2023 01:31:16 #		
Last Modified	12/04/2023 04:34:15 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

private dateNais			
Author	khali		
Create Date Time	04/04/2023 01:31:19 #		
Last Modified	12/04/2023 04:34:15 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


private cin			
Author	khali		
Create Date Time	04/04/2023 01:31:37 #		
Last Modified	12/04/2023 04:34:15 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

Relationships

reservation : Association		
To	Name	Value
	End Model Element	 Livre
	Author	khali
	Create Date Time	12/04/2023 04:55:50 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	0..*
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	12/04/2023 04:55:50 #	
Last Modified	12/04/2023 05:32:49 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Derived	false	

verifier : Dependency		
From	 Authentication	
Author	khali	
Create Date Time	08/04/2023 11:10:09 #	
Last Modified	12/04/2023 04:34:15 #	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

emprunt : Association		
From	Name	Value
	End Model Element	 EmpruntBibliotheque
	Author	khali
	Create Date Time	12/04/2023 05:21:45 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	0..*
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	12/04/2023 05:21:45 #	
Last Modified	12/04/2023 08:56:34 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Derived	false	

concerne : Association		
From	Name	Value
	End Model Element	 ReservationBibliotheque
	Author	khali
	Create Date Time	12/04/2023 05:24:33 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	0..*
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	12/04/2023 05:24:33 #	
Last Modified	12/04/2023 08:56:34 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Derived	false	

Livre

Name	Value	
Author	khali	
Create Date Time	04/04/2023 01:22:42 #	
Last Modified	12/04/2023 09:05:43 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Attributes


private id			
Author	khali		
Create Date Time	04/04/2023 01:29:45 #		
Last Modified	12/04/2023 04:34:15 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


private isbn			
Author	khali		
Create Date Time	04/04/2023 01:29:48 #		
Last Modified	12/04/2023 04:34:15 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


private titre			
Author	khali		
Create Date Time	04/04/2023 01:30:05 #		
Last Modified	12/04/2023 04:34:15 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


private auteur			
Author	khali		
Create Date Time	04/04/2023 01:30:09 #		
Last Modified	12/04/2023 04:34:15 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 EmpruntBibliotheque
	Author	khali
	Create Date Time	12/04/2023 04:33:46 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	0..*
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	12/04/2023 04:33:46 #	
Last Modified	12/04/2023 05:32:49 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

reservation : Association		
From	Name	Value
	End Model Element	 Utilisateur
	Author	khali
	Create Date Time	12/04/2023 04:55:50 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	0..*
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	12/04/2023 04:55:50 #	
Last Modified	12/04/2023 05:32:49 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Derived	false	

import : Dependency		
From	 LivreControleur	
Author	khali	
Create Date Time	12/04/2023 04:54:14 #	
Last Modified	12/04/2023 05:08:11 #	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

reservation : Association		
From	Name	Value
	End Model Element	 ReservationBibliotheque
	Author	khali
	Create Date Time	12/04/2023 05:24:20 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	0..*
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	12/04/2023 05:24:20 #	
Last Modified	12/04/2023 08:56:34 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Derived	false	




Name	Value	
Author	khali	
Create Date Time	04/04/2023 01:48:58 #	
Last Modified	13/04/2023 01:59:29 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


Attributes


private con			
Author	khali		
Create Date Time	04/04/2023 01:49:09 #		
Last Modified	04/04/2023 01:51:51 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


Relationships

importer : Dependency		
From	LivreControlleur	
Author	khali	
Create Date Time	08/04/2023 10:31:40 #	
Last Modified	08/04/2023 10:32:57 #	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

importer : Dependency		
From	 EmpruntControleur	
Author	khali	
Create Date Time	08/04/2023 10:31:52 #	
Last Modified	08/04/2023 10:32:57 #	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

importer : Dependency		
From	 Authentification	
Author	khali	
Create Date Time	08/04/2023 10:32:37 #	
Last Modified	08/04/2023 10:54:30 #	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Unnamed Dependency		
From	 UtilisateurControleur	
Author	khali	
Create Date Time	12/04/2023 05:30:19 #	
Last Modified	12/04/2023 08:56:34 #	
Visibility	Unspecified	
Quality Score	Good	

import : Dependency		
From	 ReservationControleur	
Author	khali	
Create Date Time	13/04/2023 01:58:02 #	
Last Modified	13/04/2023 02:46:15 #	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

EmpruntBibliotheque

Name	Value	
Author	khali	
Create Date Time	04/04/2023 01:25:32 #	
Last Modified	12/04/2023 05:23:02 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Attributes

private id			
Author	khali		
Create Date Time	04/04/2023 01:31:45 #		
Last Modified	12/04/2023 04:34:15 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


private emprunteur			
Author	khali		
Create Date Time	04/04/2023 01:32:02 #		
Last Modified	12/04/2023 04:34:15 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


private dateEmprunt			
Author	khali		
Create Date Time	04/04/2023 01:32:04 #		
Last Modified	12/04/2023 04:34:15 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


private dateRetour			
Author	khali		
Create Date Time	04/04/2023 01:32:17 #		
Last Modified	12/04/2023 04:34:15 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

private livre			
Author	khali		
Create Date Time	12/04/2023 04:32:19 #		
Last Modified	12/04/2023 04:34:15 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

Relationships

emprunt : Association		
To	Name	Value
	End Model Element	 Utilisateur
	Author	khali
	Create Date Time	12/04/2023 05:21:45 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	0..*
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	12/04/2023 05:21:45 #	
Last Modified	12/04/2023 08:56:34 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Derived	false	

importer : Dependency		
From	 EmpruntControleur	
Author	khali	
Create Date Time	08/04/2023 11:09:11 #	
Last Modified	12/04/2023 04:34:15 #	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Unnamed Association		
From	Name	Value
	End Model Element	 Livre
	Author	khali
	Create Date Time	12/04/2023 04:33:46 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	1
	Visibility	Unspecified
	Aggregation Kind	Aggregation
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	12/04/2023 04:33:46 #	
Last Modified	12/04/2023 05:32:49 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

ReservationBibliotheque

Name	Value	
Author	khali	
Create Date Time	04/04/2023 01:29:09 #	
Last Modified	12/04/2023 08:56:34 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Attributes


private id			
Author	khali		
Create Date Time	04/04/2023 01:30:23 #		
Last Modified	12/04/2023 04:34:15 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


private date			
Author	khali		
Create Date Time	04/04/2023 01:30:45 #		
Last Modified	12/04/2023 04:34:15 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

private reservataire			
Author	khali		
Create Date Time	04/04/2023 01:30:47 #		
Last Modified	12/04/2023 04:34:15 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

private livre			
Author	khali		
Create Date Time	04/04/2023 01:30:50 #		
Last Modified	12/04/2023 04:34:15 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

Relationships






reservation : Association		
To	Name	Value
	End Model Element	 Livre
	Author	khali
	Create Date Time	12/04/2023 05:24:20 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	0..*
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	12/04/2023 05:24:20 #	
Last Modified	12/04/2023 08:56:34 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Derived	false	

concerne : Association		
To	Name	Value
	End Model Element	 Utilisateur
	Author	khali
	Create Date Time	12/04/2023 05:24:33 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	1
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	12/04/2023 05:24:33 #	
Last Modified	12/04/2023 08:56:34 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Derived	false	

Controleur

Name	Value	
Author	khali	
Create Date Time	04/04/2023 01:49:24 #	
Last Modified	12/04/2023 04:28:15 #	
Abstract	false	
Leaf	false	
Root	false	
Quality Score	Very Bad	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
	Model element without any relationship	Connect model element with relationship
Visibility	public	









Children

Name	Documentation
 LivreControleur	
 UtilisateurControleur	
 Authentification	
 EmpruntControleur	
 ReservationControleur	

View

Name	Value	
Author	khali	
Create Date Time	08/04/2023 10:34:41 #	
Last Modified	13/04/2023 01:45:13 #	
Abstract	false	
Leaf	false	
Root	false	
Quality Score	Very Bad	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
	Model element without any relationship	Connect model element with relationship
Visibility	public	

Children

Name	Documentation
 Login	
 MenuAdmin	
 MenuUser	
 GestionBibliotheque	
 GestionReseration	
 EspaceReservation	
 EspaceEmprunt	
 GestionEmpruntes	

LivreControleur

Name	Value	
Author	khali	
Create Date Time	04/04/2023 01:49:42 #	
Last Modified	12/04/2023 05:08:11 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Attributes

private con			
Author	khali		
Create Date Time	12/04/2023 04:37:59 #		
Last Modified	12/04/2023 04:38:14 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

Operations


public insert ()	
Author	khali
Create Date Time	04/04/2023 01:50:07 #
Last Modified	04/04/2023 01:51:51 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false


public delete ()	
Author	khali
Create Date Time	04/04/2023 01:50:33 #
Last Modified	04/04/2023 01:51:51 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false


public update ()	
Author	khali
Create Date Time	04/04/2023 01:50:36 #
Last Modified	04/04/2023 01:51:51 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false


public search ()	
Author	khali
Create Date Time	04/04/2023 01:51:45 #
Last Modified	04/04/2023 01:51:51 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

Relationships

importer : Dependency		
To	 db	
Author	khali	
Create Date Time	08/04/2023 10:31:40 #	
Last Modified	08/04/2023 10:32:57 #	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

import : Dependency		
To	 Livre	
Author	khali	
Create Date Time	12/04/2023 04:54:14 #	
Last Modified	12/04/2023 05:08:11 #	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

import : Dependency		
From	 GestionBibliotheque	
Author	khali	
Create Date Time	12/04/2023 04:46:28 #	
Last Modified	12/04/2023 05:07:32 #	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

import : Dependency		
From	 GestionBibliotheque	
Author	khali	
Create Date Time	12/04/2023 04:47:52 #	
Last Modified	12/04/2023 05:07:32 #	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


Login


Name	Value	
Author	khali	
Create Date Time	08/04/2023 10:35:23 #	
Last Modified	12/04/2023 04:48:37 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


Attributes

private authentication			
Author	khali		
Create Date Time	12/04/2023 04:34:36 #		
Last Modified	12/04/2023 04:34:40 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 MenuAdmin
	Author	khali
	Create Date Time	08/04/2023 11:04:30 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	08/04/2023 11:04:30 #	
Last Modified	12/04/2023 05:07:32 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Unnamed Association		
To	Name	Value
	End Model Element	 MenuUser
	Author	khali
	Create Date Time	12/04/2023 04:30:39 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	12/04/2023 04:30:39 #	
Last Modified	12/04/2023 05:07:32 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

import : Dependency		
To	 Authentication	
Author	khali	
Create Date Time	12/04/2023 04:48:23 #	
Last Modified	12/04/2023 05:07:32 #	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

MenuAdmin

Name	Value	
Author	khali	
Create Date Time	08/04/2023 10:35:54 #	
Last Modified	12/04/2023 04:40:56 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


Attributes


private GestionBibliotheque			
Author	khali		
Create Date Time	12/04/2023 04:40:42 #		
Last Modified	12/04/2023 04:40:56 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


private GestionReservation			
Author	khali		
Create Date Time	12/04/2023 04:40:43 #		
Last Modified	12/04/2023 04:40:56 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


private attribute			
Author	khali		
Create Date Time	12/04/2023 04:40:47 #		
Last Modified	12/04/2023 04:40:56 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 GestionBibliotheque
	Author	khali
	Create Date Time	08/04/2023 11:05:19 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	08/04/2023 11:05:19 #	
Last Modified	12/04/2023 05:07:32 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Unnamed Association		
To	Name	Value
	End Model Element	 GestionReseration
	Author	khali
	Create Date Time	08/04/2023 11:05:29 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	08/04/2023 11:05:29 #	
Last Modified	12/04/2023 05:07:32 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Unnamed Association		
To	Name	Value
	End Model Element	 GestionEmpruntes
	Author	khali
	Create Date Time	12/04/2023 04:31:17 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	12/04/2023 04:31:17 #	
Last Modified	12/04/2023 05:07:32 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Unnamed Association		
From	Name	Value
	End Model Element	 Login
	Author	khali
	Create Date Time	08/04/2023 11:04:30 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	08/04/2023 11:04:30 #	
Last Modified	12/04/2023 05:07:32 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

UtilisateurControlleur

Name	Value	
Author	khali	
Create Date Time	12/04/2023 04:25:06 #	
Last Modified	12/04/2023 08:56:34 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


Attributes

private con			
Author	khali		
Create Date Time	12/04/2023 04:39:12 #		
Last Modified	12/04/2023 04:39:16 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

Operations

public getAll ()	
Author	khali
Create Date Time	12/04/2023 05:30:10 #
Last Modified	12/04/2023 05:30:12 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

Relationships

Unnamed Dependency	
To	 db
Author	khali
Create Date Time	12/04/2023 05:30:19 #
Last Modified	12/04/2023 08:56:34 #
Visibility	Unspecified
Quality Score	Good

MenuUser


Name	Value	
Author	khali	
Create Date Time	12/04/2023 04:28:53 #	
Last Modified	12/04/2023 05:07:32 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


Attributes


private EspaceEmprunt			
Author	khali		
Create Date Time	12/04/2023 04:35:59 #		
Last Modified	12/04/2023 04:36:16 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

private EspaceReservations			
Author	khali		
Create Date Time	12/04/2023 04:36:01 #		
Last Modified	12/04/2023 04:36:16 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 EspaceReservation
	Author	khali
	Create Date Time	12/04/2023 04:30:50 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	12/04/2023 04:30:50 #	
Last Modified	12/04/2023 05:07:32 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Unnamed Association		
To	Name	Value
	End Model Element	 EspaceEmprunt
	Author	khali
	Create Date Time	12/04/2023 04:30:57 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	12/04/2023 04:30:57 #	
Last Modified	12/04/2023 05:07:32 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Unnamed Association		
From	Name	Value
	End Model Element	 Login
	Author	khali
	Create Date Time	12/04/2023 04:30:39 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	12/04/2023 04:30:39 #	
Last Modified	12/04/2023 05:07:32 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

GestionBibliotheque

Name	Value	
Author	khali	
Create Date Time	08/04/2023 10:35:44 #	
Last Modified	12/04/2023 04:48:37 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Attributes

private LivreControleur			
Author	khali		
Create Date Time	12/04/2023 04:41:28 #		
Last Modified	12/04/2023 04:42:14 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

Operations


public Listing ()	
Author	khali
Create Date Time	12/04/2023 04:41:33 #
Last Modified	12/04/2023 04:42:14 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false


public clear ()	
Author	khali
Create Date Time	12/04/2023 04:41:42 #
Last Modified	12/04/2023 04:42:14 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false


public valid ()	
Author	khali
Create Date Time	12/04/2023 04:41:54 #
Last Modified	12/04/2023 04:42:14 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

public found ()	
Author	khali
Create Date Time	12/04/2023 04:42:01 #
Last Modified	12/04/2023 04:42:14 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

Relationships

import : Dependency		
To	 LivreControleur	
Author	khali	
Create Date Time	12/04/2023 04:46:28 #	
Last Modified	12/04/2023 05:07:32 #	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

import : Dependency		
To	 LivreControleur	
Author	khali	
Create Date Time	12/04/2023 04:47:52 #	
Last Modified	12/04/2023 05:07:32 #	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Unnamed Association		
From	Name	Value
	End Model Element	 MenuAdmin
	Author	khali
	Create Date Time	08/04/2023 11:05:19 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	08/04/2023 11:05:19 #	
Last Modified	12/04/2023 05:07:32 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Authentication

Name	Value	
Author	khali	
Create Date Time	08/04/2023 10:24:20 #	
Last Modified	12/04/2023 04:48:37 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Attributes


private con			
Author	khali		
Create Date Time	12/04/2023 04:38:09 #		
Last Modified	12/04/2023 04:39:16 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


Operations


public seConnector ()	
Author	khali
Create Date Time	08/04/2023 10:24:36 #
Last Modified	08/04/2023 10:24:56 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

public isAdmin ()	
Author	khali
Create Date Time	08/04/2023 10:24:40 #
Last Modified	08/04/2023 10:24:56 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

Relationships

importer : Dependency		
To	 db	
Author	khali	
Create Date Time	08/04/2023 10:32:37 #	
Last Modified	08/04/2023 10:54:30 #	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

verifier : Dependency		
To	 Utilisateur	
Author	khali	
Create Date Time	08/04/2023 11:10:09 #	
Last Modified	12/04/2023 04:34:15 #	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

import : Dependency		
From	 Login	
Author	khali	
Create Date Time	12/04/2023 04:48:23 #	
Last Modified	12/04/2023 05:07:32 #	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


GestionReseration


Name	Value	
Author	khali	
Create Date Time	08/04/2023 10:36:35 #	
Last Modified	13/04/2023 04:05:17 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Operations

public Listing ()	
Author	khali
Create Date Time	12/04/2023 04:43:34 #
Last Modified	12/04/2023 04:45:02 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

Relationships

Unnamed Dependency	
To	 ReservationControleur
Author	khali
Create Date Time	12/04/2023 04:47:40 #
Last Modified	12/04/2023 08:56:34 #
Visibility	Unspecified
Quality Score	Good

Unnamed Association		
From	Name	Value
	End Model Element	 MenuAdmin
	Author	khali
	Create Date Time	08/04/2023 11:05:29 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	08/04/2023 11:05:29 #	
Last Modified	12/04/2023 05:07:32 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

EmpruntControleur

Name	Value	
Author	khali	
Create Date Time	04/04/2023 01:50:49 #	
Last Modified	13/04/2023 04:06:13 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Attributes

private con			
Author	khali		
Create Date Time	12/04/2023 04:38:59 #		
Last Modified	12/04/2023 04:39:16 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


Operations


public emprunt ()	
Author	khali
Create Date Time	04/04/2023 01:51:30 #
Last Modified	04/04/2023 01:51:51 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false


public getAllEmprunt ()	
Author	khali
Create Date Time	08/04/2023 10:23:49 #
Last Modified	08/04/2023 10:24:56 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false


public rendre ()	
Author	khali
Create Date Time	13/04/2023 04:06:08 #
Last Modified	13/04/2023 04:06:13 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

Relationships

importer : Dependency		
To	 db	
Author	khali	
Create Date Time	08/04/2023 10:31:52 #	
Last Modified	08/04/2023 10:32:57 #	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

importer : Dependency		
To	 EmpruntBibliotheque	
Author	khali	
Create Date Time	08/04/2023 11:09:11 #	
Last Modified	12/04/2023 04:34:15 #	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

import : Dependency		
From	 EspaceEmprunt	
Author	khali	
Create Date Time	12/04/2023 04:48:07 #	
Last Modified	12/04/2023 05:07:32 #	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

import : Dependency		
From	 GestionEmpruntes	
Author	khali	
Create Date Time	12/04/2023 04:48:15 #	
Last Modified	12/04/2023 05:07:32 #	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

EspaceReservation

Name	Value	
Author	khali	
Create Date Time	08/04/2023 10:36:50 #	
Last Modified	12/04/2023 04:48:37 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Attributes


private ReservationControleur			
Author	khali		
Create Date Time	12/04/2023 04:36:48 #		
Last Modified	12/04/2023 04:38:14 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


Operations

public Listing ()	
Author	khali
Create Date Time	12/04/2023 04:37:08 #
Last Modified	12/04/2023 04:38:14 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

public found ()	
Author	khali
Create Date Time	12/04/2023 04:37:21 #
Last Modified	12/04/2023 04:38:14 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

Relationships

import : Dependency		
To	 ReservationControleur	
Author	khali	
Create Date Time	12/04/2023 04:48:02 #	
Last Modified	12/04/2023 05:07:32 #	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Unnamed Association		
From	Name	Value
	End Model Element	 MenuUser
	Author	khali
	Create Date Time	12/04/2023 04:30:50 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	12/04/2023 04:30:50 #	
Last Modified	12/04/2023 05:07:32 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

EspaceEmprunt

Name	Value	
Author	khali	
Create Date Time	12/04/2023 04:26:47 #	
Last Modified	12/04/2023 05:07:32 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


Attributes


private EmpruntControleur			
Author	khali		
Create Date Time	12/04/2023 04:39:54 #		
Last Modified	12/04/2023 04:40:01 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

Operations

public Listing ()	
Author	khali
Create Date Time	12/04/2023 04:39:38 #
Last Modified	12/04/2023 04:40:01 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

Relationships

import : Dependency		
To	 EmpruntControleur	
Author	khali	
Create Date Time	12/04/2023 04:48:07 #	
Last Modified	12/04/2023 05:07:32 #	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Unnamed Association		
From	Name	Value
	End Model Element	 MenuUser
	Author	khali
	Create Date Time	12/04/2023 04:30:57 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	12/04/2023 04:30:57 #	
Last Modified	12/04/2023 05:07:32 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

GestionEmpruntes

Name	Value	
Author	khali	
Create Date Time	12/04/2023 04:27:22 #	
Last Modified	12/04/2023 05:07:32 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


Attributes


private EmpruntControleur			
Author	khali		
Create Date Time	12/04/2023 04:45:05 #		
Last Modified	12/04/2023 04:45:19 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

Operations

public Listing ()	
Author	khali
Create Date Time	12/04/2023 04:44:58 #
Last Modified	12/04/2023 04:45:02 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

Relationships

import : Dependency		
To	 EmpruntControleur	
Author	khali	
Create Date Time	12/04/2023 04:48:15 #	
Last Modified	12/04/2023 05:07:32 #	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Unnamed Association		
From	Name	Value
	End Model Element	 MenuAdmin
	Author	khali
	Create Date Time	12/04/2023 04:31:17 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	12/04/2023 04:31:17 #	
Last Modified	12/04/2023 05:07:32 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

ReservationControleur

Name	Value	
Author	khali	
Create Date Time	12/04/2023 04:26:00 #	
Last Modified	13/04/2023 01:59:29 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Attributes


private con			
Author	khali		
Create Date Time	12/04/2023 04:39:06 #		
Last Modified	12/04/2023 04:39:16 #		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


Operations


public reserver ()	
Author	khali
Create Date Time	12/04/2023 05:32:00 #
Last Modified	12/04/2023 05:32:17 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

public getAll ()	
Author	khali
Create Date Time	12/04/2023 05:32:13 #
Last Modified	12/04/2023 05:32:17 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

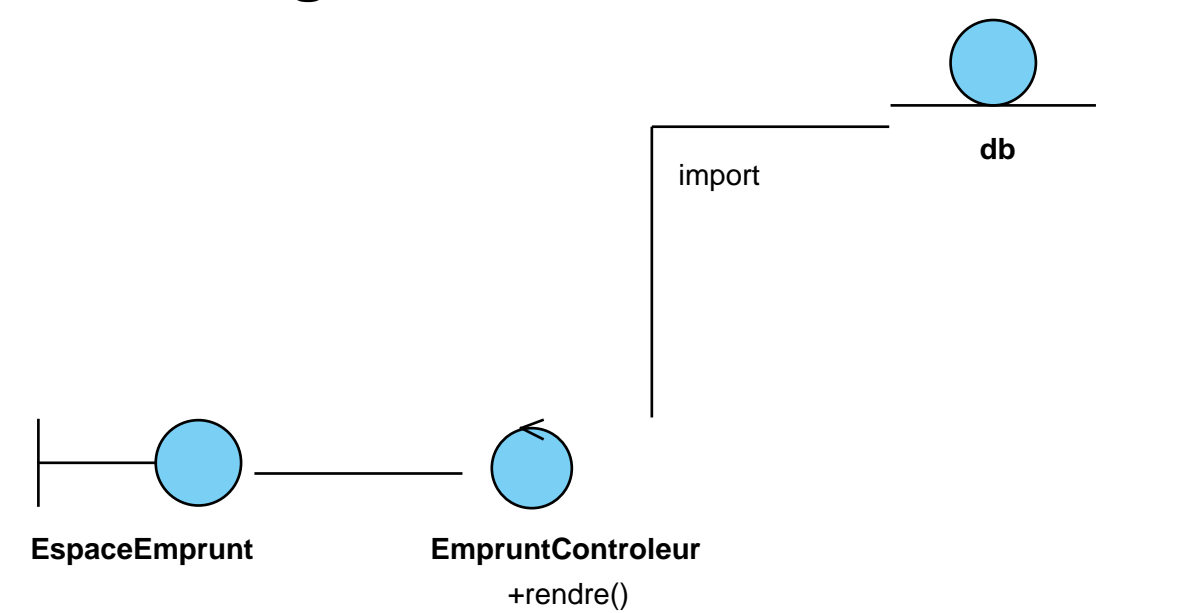
Relationships

import : Dependency		
To	 db	
Author	khali	
Create Date Time	13/04/2023 01:58:02 #	
Last Modified	13/04/2023 02:46:15 #	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Unnamed Dependency	
From	 GestionReseration
Author	khali
Create Date Time	12/04/2023 04:47:40 #
Last Modified	12/04/2023 08:56:34 #
Visibility	Unspecified
Quality Score	Good




import : Dependency		
From	 EspaceReservation	
Author	khali	
Create Date Time	12/04/2023 04:48:02 #	
Last Modified	12/04/2023 05:07:32 #	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Class Diagram1



Name	Value
Name	Class Diagram1
Author	khali
Create Date Time	13/04/2023 04:04:36 #
Last Modified	13/04/2023 10:20:30 #

Summary

Name	Documentation
 db	
 EspaceEmprunt	
 EmpruntControleur	

Details



Name	Value	
Author	khali	
Create Date Time	13/04/2023 01:45:57 #	
Last Modified	13/04/2023 04:07:54 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Stereotypes	entity	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary


Relationships

import : Association		
From	Name	Value
	End Model Element	 EmpruntControleur
	Author	khali
	Create Date Time	13/04/2023 01:46:07 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 01:46:07 #	
Last Modified	13/04/2023 04:07:54 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Derived	false	

EspaceEmprunt

Name	Value	
Author	khali	
Create Date Time	13/04/2023 02:01:06 #	
Last Modified	13/04/2023 04:06:13 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Stereotypes	boundary	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary

Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 EmpruntControleur
	Author	khali
	Create Date Time	13/04/2023 02:07:55 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 02:07:55 #	
Last Modified	13/04/2023 04:07:54 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	


EmpruntControleur


Name	Value	
Author	khali	
Create Date Time	12/04/2023 08:57:46 #	
Last Modified	13/04/2023 04:07:54 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Stereotypes	control	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary

Operations

public rendre ()	
Author	khali
Create Date Time	12/04/2023 09:11:15 #
Last Modified	13/04/2023 04:07:54 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

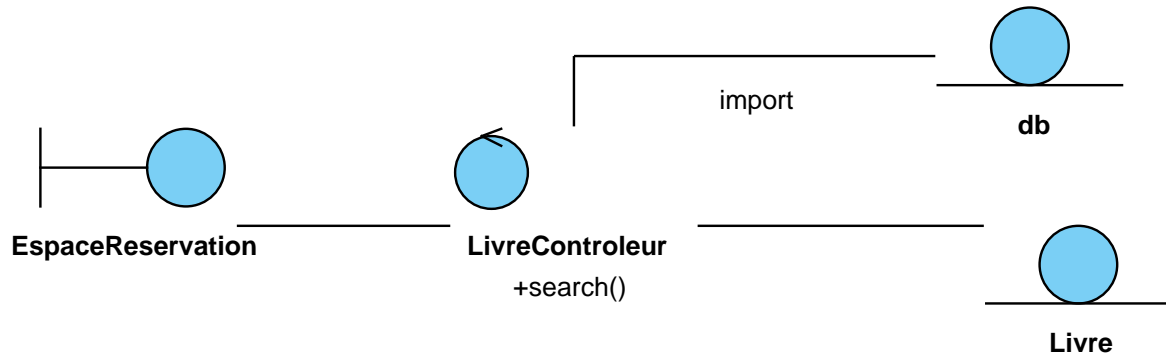
Relationships

import : Association		
To	Name	Value
	End Model Element	 db
	Author	khali
	Create Date Time	13/04/2023 01:46:07 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 01:46:07 #	
Last Modified	13/04/2023 04:07:54 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Derived	false	

Unnamed Association		
From	Name	Value
	End Model Element	 EspaceEmprunt
	Author	khali
	Create Date Time	13/04/2023 02:07:55 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 02:07:55 #	
Last Modified	13/04/2023 04:07:54 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Class Diagram

consulter un livre diagramme de class



Name	Value
Name	consulter un livre diagramme de class
Author	khali
Create Date Time	13/04/2023 03:26:28 #
Last Modified	13/04/2023 03:59:51 #

Summary


Name	Documentation
db	
EspaceReservation	
LivreControleur	
Livre	

Details



Name	Value	
Author	khali	
Create Date Time	13/04/2023 01:45:57 #	
Last Modified	13/04/2023 04:07:54 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Stereotypes	entity	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary


Relationships

import : Association		
From	Name	Value
	End Model Element	 LivreControleur
	Author	khali
	Create Date Time	13/04/2023 01:48:37 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 01:48:37 #	
Last Modified	13/04/2023 03:31:50 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Derived	false	

EspaceReservation

Name	Value	
Author	khali	
Create Date Time	13/04/2023 01:57:32 #	
Last Modified	13/04/2023 03:31:50 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Stereotypes	boundary	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary

Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 LivreControleur
	Author	khali
	Create Date Time	13/04/2023 03:28:22 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 03:28:22 #	
Last Modified	13/04/2023 10:30:49 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

LivresControlleur


Name	Value	
Author	khali	
Create Date Time	13/04/2023 01:37:31 #	
Last Modified	13/04/2023 03:31:50 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Stereotypes	control	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary


Operations

public search ()	
Author	khali
Create Date Time	13/04/2023 01:52:16 #
Last Modified	13/04/2023 03:31:50 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

Relationships

import : Association		
To	Name	Value
	End Model Element	 db
	Author	khali
	Create Date Time	13/04/2023 01:48:37 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 01:48:37 #	
Last Modified	13/04/2023 03:31:50 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Derived	false	


Unnamed Association		
To	Name	Value
	End Model Element	 Livre
	Author	khali
	Create Date Time	13/04/2023 03:28:44 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 03:28:44 #	
Last Modified	13/04/2023 10:30:49 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Unnamed Association		
From	Name	Value
	End Model Element	 EspaceReservation
	Author	khali
	Create Date Time	13/04/2023 03:28:22 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 03:28:22 #	
Last Modified	13/04/2023 10:30:49 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Livre

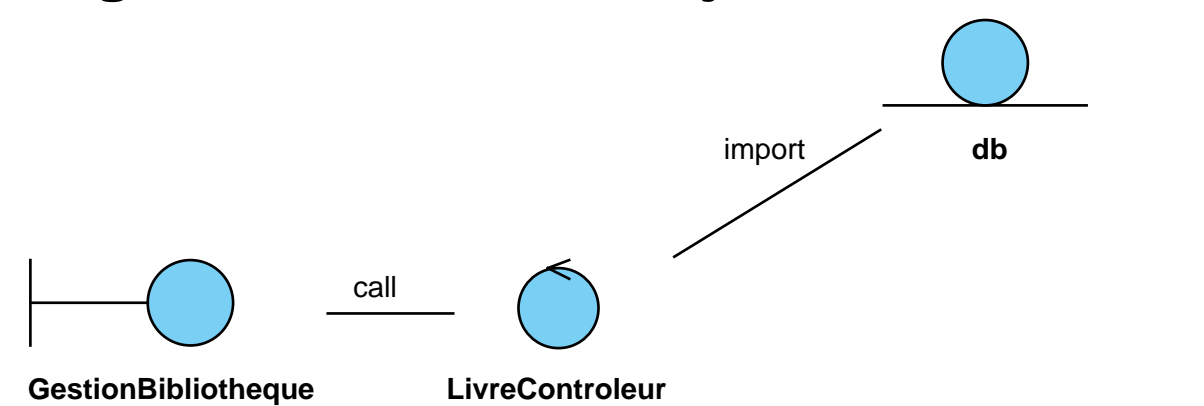
Name	Value	
Author	khali	
Create Date Time	13/04/2023 03:28:33 #	
Last Modified	13/04/2023 10:30:49 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Stereotypes	entity	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary

Relationships

Unnamed Association		
From	Name	Value
	End Model Element	 LivreControleur
	Author	khali
	Create Date Time	13/04/2023 03:28:44 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 03:28:44 #	
Last Modified	13/04/2023 10:30:49 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	




Class Diagram

diagramme de classe ajouter un livre



Name	Value
Name	diagramme de classe ajouter un livre
Author	khali
Create Date Time	08/04/2023 11:12:09 #
Last Modified	13/04/2023 10:20:33 #

Summary

Name	Documentation
 db	
 GestionBibliotheque	
 LivreControleur	

Details



Name	Value	
Author	khali	
Create Date Time	13/04/2023 01:45:57 #	
Last Modified	13/04/2023 04:07:54 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Stereotypes	entity	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary


Relationships

import : Association		
From	Name	Value
	End Model Element	 LivreControleur
	Author	khali
	Create Date Time	13/04/2023 01:48:37 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 01:48:37 #	
Last Modified	13/04/2023 03:31:50 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Derived	false	

GestionBibliotheque

Name	Value	
Author	khali	
Create Date Time	13/04/2023 01:37:26 #	
Last Modified	13/04/2023 02:46:15 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Stereotypes	boundary	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary

Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 LivreControleur
	Author	khali
	Create Date Time	13/04/2023 01:48:14 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 01:48:14 #	
Last Modified	13/04/2023 02:46:15 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

LivresControlleur


Name	Value	
Author	khali	
Create Date Time	13/04/2023 01:37:31 #	
Last Modified	13/04/2023 03:31:50 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Stereotypes	control	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary

Operations

public search ()	
Author	khali
Create Date Time	13/04/2023 01:52:16 #
Last Modified	13/04/2023 03:31:50 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

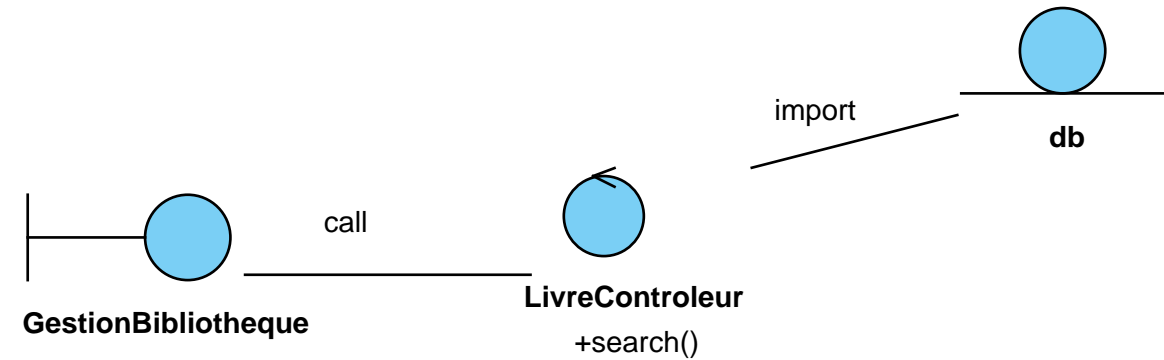
Relationships

import : Association		
To	Name	Value
	End Model Element	 db
	Author	khali
	Create Date Time	13/04/2023 01:48:37 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 01:48:37 #	
Last Modified	13/04/2023 03:31:50 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Derived	false	

Unnamed Association		
From (call)	Name	Value
	End Model Element	 GestionBibliotheque
	Author	khali
	Create Date Time	13/04/2023 01:48:14 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 01:48:14 #	
Last Modified	13/04/2023 02:46:15 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	




Class Diagram

diagramme de classe modifier un livre



Name	Value
Name	diagramme de classe modifier un livre
Author	khali
Create Date Time	12/04/2023 09:24:16 #
Last Modified	13/04/2023 04:05:26 #

Summary

Name	Documentation
 db	
 LivreControleur	
 GestionBibliotheque	

Details



Name	Value	
Author	khali	
Create Date Time	13/04/2023 01:45:57 #	
Last Modified	13/04/2023 04:07:54 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Stereotypes	entity	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary

Relationships

import : Association		
From	Name	Value
	End Model Element	 LivreControleur
	Author	khali
	Create Date Time	13/04/2023 01:48:37 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 01:48:37 #	
Last Modified	13/04/2023 03:31:50 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Derived	false	

LivresControlleur


Name	Value	
Author	khali	
Create Date Time	13/04/2023 01:37:31 #	
Last Modified	13/04/2023 03:31:50 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Stereotypes	control	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary

Operations

public search ()	
Author	khali
Create Date Time	13/04/2023 01:52:16 #
Last Modified	13/04/2023 03:31:50 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

Relationships


import : Association		
To	Name	Value
	End Model Element	 db
	Author	khali
	Create Date Time	13/04/2023 01:48:37 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 01:48:37 #	
Last Modified	13/04/2023 03:31:50 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Derived	false	

Unnamed Association		
From (call)	Name	Value
	End Model Element	 GestionBibliotheque
	Author	khali
	Create Date Time	13/04/2023 01:48:14 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 01:48:14 #	
Last Modified	13/04/2023 02:46:15 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

GestionBibliotheque

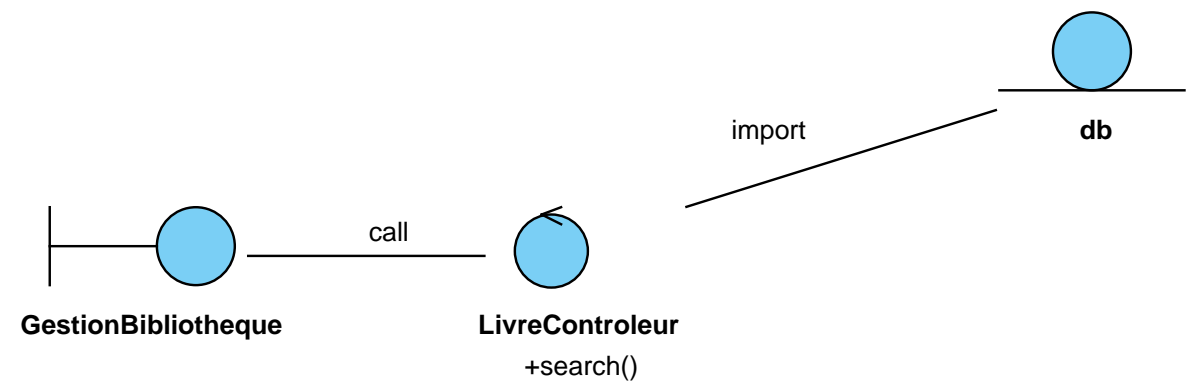
Name	Value	
Author	khali	
Create Date Time	13/04/2023 01:37:26 #	
Last Modified	13/04/2023 02:46:15 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Stereotypes	boundary	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary

Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 LivreControleur
	Author	khali
	Create Date Time	13/04/2023 01:48:14 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 01:48:14 #	
Last Modified	13/04/2023 02:46:15 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	




Class Diagram

diagramme de classe supprimer un livre



Name	Value
Name	diagramme de classe supprimer un livre
Author	khali
Create Date Time	12/04/2023 09:06:11 #
Last Modified	13/04/2023 04:05:29 #

Summary

Name	Documentation
 db	
 GestionBibliotheque	
 LivreControleur	

Details



Name	Value	
Author	khali	
Create Date Time	13/04/2023 01:45:57 #	
Last Modified	13/04/2023 04:07:54 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Stereotypes	entity	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary


Relationships

import : Association		
From	Name	Value
	End Model Element	 LivreControleur
	Author	khali
	Create Date Time	13/04/2023 01:48:37 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 01:48:37 #	
Last Modified	13/04/2023 03:31:50 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Derived	false	

GestionBibliotheque

Name	Value	
Author	khali	
Create Date Time	13/04/2023 01:37:26 #	
Last Modified	13/04/2023 02:46:15 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Stereotypes	boundary	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary

Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 LivreControleur
	Author	khali
	Create Date Time	13/04/2023 01:48:14 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 01:48:14 #	
Last Modified	13/04/2023 02:46:15 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

LivresControlleur


Name	Value	
Author	khali	
Create Date Time	13/04/2023 01:37:31 #	
Last Modified	13/04/2023 03:31:50 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Stereotypes	control	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary

Operations

public search ()	
Author	khali
Create Date Time	13/04/2023 01:52:16 #
Last Modified	13/04/2023 03:31:50 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

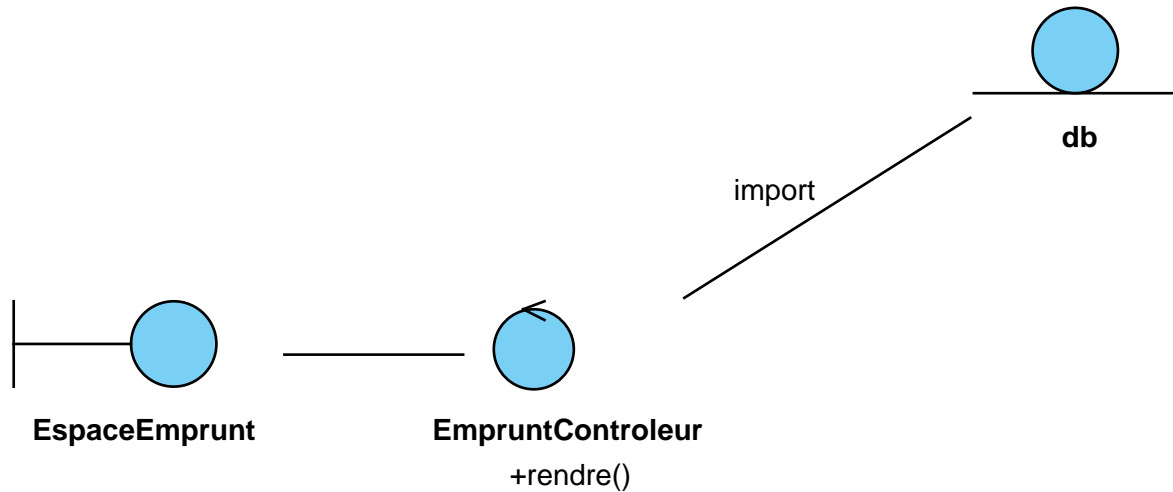
Relationships

import : Association		
To	Name	Value
	End Model Element	 db
	Author	khali
	Create Date Time	13/04/2023 01:48:37 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 01:48:37 #	
Last Modified	13/04/2023 03:31:50 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Derived	false	

Unnamed Association		
From (call)	Name	Value
	End Model Element	 GestionBibliotheque
	Author	khali
	Create Date Time	13/04/2023 01:48:14 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 01:48:14 #	
Last Modified	13/04/2023 02:46:15 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Class Diagram

Emprunter un livre diagramme de classe



Name	Value
Name	Emprunter un livre diagramme de classe
Author	khali
Create Date Time	13/04/2023 02:00:25 #
Last Modified	13/04/2023 03:59:54 #

Summary


Name	Documentation
db	
EspaceEmprunt	
EmpruntControleur	

Details



Name	Value	
Author	khali	
Create Date Time	13/04/2023 01:45:57 #	
Last Modified	13/04/2023 04:07:54 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Stereotypes	entity	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary


Relationships

import : Association		
From	Name	Value
	End Model Element	 EmpruntControleur
	Author	khali
	Create Date Time	13/04/2023 01:46:07 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 01:46:07 #	
Last Modified	13/04/2023 04:07:54 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Derived	false	

EspaceEmprunt

Name	Value	
Author	khali	
Create Date Time	13/04/2023 02:01:06 #	
Last Modified	13/04/2023 04:06:13 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Stereotypes	boundary	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary

Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 EmpruntControleur
	Author	khali
	Create Date Time	13/04/2023 02:07:55 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 02:07:55 #	
Last Modified	13/04/2023 04:07:54 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	


EmpruntControleur


Name	Value	
Author	khali	
Create Date Time	12/04/2023 08:57:46 #	
Last Modified	13/04/2023 04:07:54 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Stereotypes	control	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary

Operations

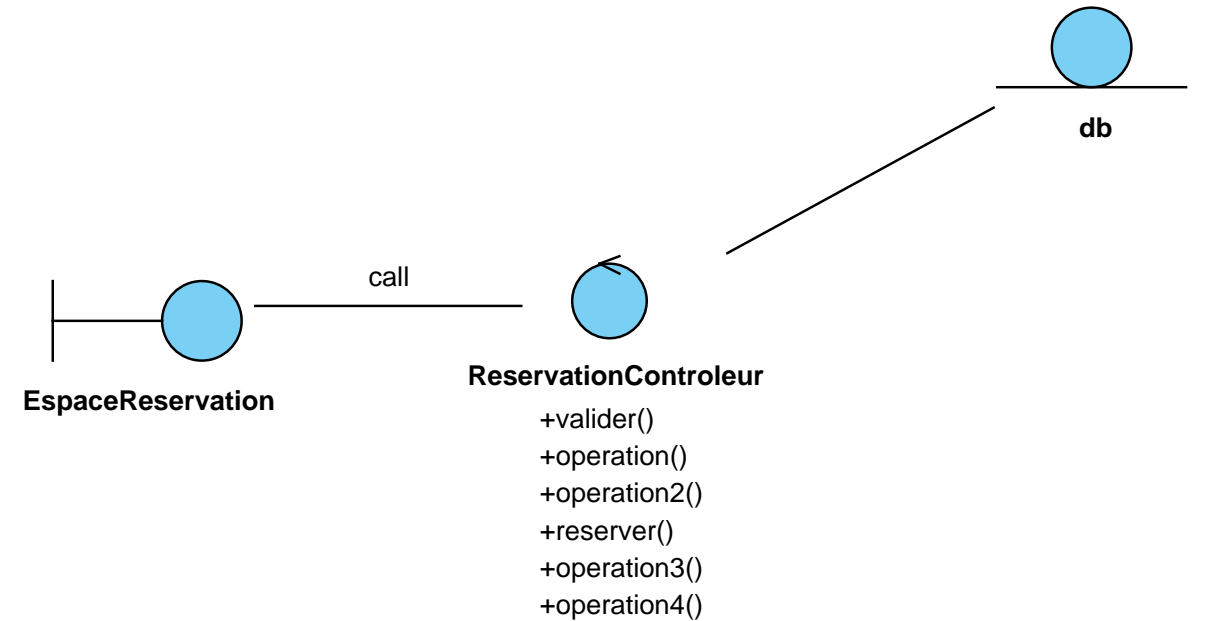
public rendre ()	
Author	khali
Create Date Time	12/04/2023 09:11:15 #
Last Modified	13/04/2023 04:07:54 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

Relationships

import : Association		
To	Name	Value
	End Model Element	 db
	Author	khali
	Create Date Time	13/04/2023 01:46:07 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 01:46:07 #	
Last Modified	13/04/2023 04:07:54 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Derived	false	




Unnamed Association		
From	Name	Value
	End Model Element	 EspaceEmprunt
	Author	khali
	Create Date Time	13/04/2023 02:07:55 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 02:07:55 #	
Last Modified	13/04/2023 04:07:54 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Reserver un livre diagramme de classe



Name	Value
Name	Reserver un livre diagramme de classe
Author	khali
Create Date Time	13/04/2023 01:56:39 #
Last Modified	13/04/2023 03:59:53 #

Summary


Name	Documentation
 db	
 ReservationControleur	
 EspaceReservation	

Details



Name	Value	
Author	khali	
Create Date Time	13/04/2023 01:45:57 #	
Last Modified	13/04/2023 04:07:54 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Stereotypes	entity	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary

Relationships

Unnamed Association		
From	Name	Value
	End Model Element	 ReservationControleur
	Author	khali
	Create Date Time	13/04/2023 01:58:51 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 01:58:51 #	
Last Modified	13/04/2023 02:46:15 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

ReservationControleur

Name	Value	
Author	khali	
Create Date Time	13/04/2023 01:58:13 #	
Last Modified	13/04/2023 03:31:50 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Stereotypes	control	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary

Operations

public valider ()	
Author	khali
Create Date Time	13/04/2023 01:59:19 #
Last Modified	13/04/2023 02:12:14 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

public operation ()	
Author	khali
Create Date Time	13/04/2023 02:10:54 #
Last Modified	13/04/2023 02:12:14 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false


public operation2 ()	
Author	khali
Create Date Time	13/04/2023 02:11:03 #
Last Modified	13/04/2023 02:12:14 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false


public reserver ()	
Author	khali
Create Date Time	13/04/2023 02:11:18 #
Last Modified	13/04/2023 02:12:14 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

public operation3 ()	
Author	khali
Create Date Time	13/04/2023 02:11:25 #
Last Modified	13/04/2023 02:12:14 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

public operation4 ()	
Author	khali
Create Date Time	13/04/2023 02:11:40 #
Last Modified	13/04/2023 02:12:14 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 db
	Author	khali
	Create Date Time	13/04/2023 01:58:51 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 01:58:51 #	
Last Modified	13/04/2023 02:46:15 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

call : Association		
From	Name	Value
	End Model Element	 EspaceReservation
	Author	khali
	Create Date Time	13/04/2023 02:11:06 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 02:11:06 #	
Last Modified	13/04/2023 02:46:15 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Derived	false	

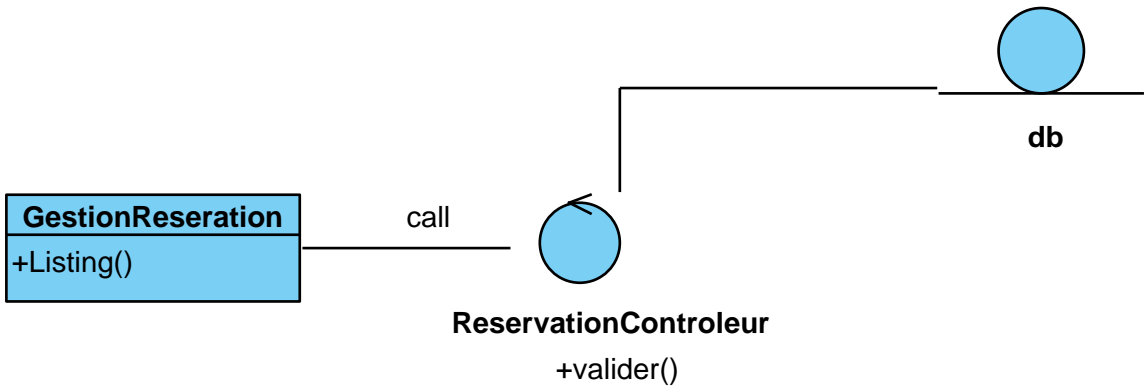
EspaceReservation

Name	Value	
Author	khali	
Create Date Time	13/04/2023 01:57:32 #	
Last Modified	13/04/2023 03:31:50 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Stereotypes	boundary	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary

Relationships




call : Association		
To	Name	Value
	End Model Element	 ReservationControleur
	Author	khali
	Create Date Time	13/04/2023 02:11:06 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 02:11:06 #	
Last Modified	13/04/2023 02:46:15 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Derived	false	

Valider l'emprunt diagramme de classe



Name	Value
Name	Valider l'emprunt diagramme de classe
Author	khali
Create Date Time	12/04/2023 09:27:02 #
Last Modified	13/04/2023 04:05:25 #

Summary


Name	Documentation
 db	
 GestionReseration	
 ReservationControleur	

Details



Name	Value	
Author	khali	
Create Date Time	13/04/2023 01:45:57 #	
Last Modified	13/04/2023 04:07:54 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Stereotypes	entity	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary

Relationships

Unnamed Association		
From	Name	Value
	End Model Element	 ReservationControleur
	Author	khali
	Create Date Time	13/04/2023 01:58:51 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 01:58:51 #	
Last Modified	13/04/2023 02:46:15 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

GestionReseration

Name	Value	
Author	khali	
Create Date Time	08/04/2023 10:36:35 #	
Last Modified	13/04/2023 04:05:17 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Operations

public Listing ()	
Author	khali
Create Date Time	12/04/2023 04:43:34 #
Last Modified	12/04/2023 04:45:02 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

Relationships

call : Association		
To	Name	Value
	End Model Element	 ReservationControleur
	Author	khali
	Create Date Time	13/04/2023 02:05:36 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 02:05:36 #	
Last Modified	13/04/2023 02:46:15 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Derived	false	

ReservationControleur

Name	Value	
Author	khali	
Create Date Time	13/04/2023 01:58:13 #	
Last Modified	13/04/2023 03:31:50 #	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Stereotypes	control	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary

Operations

public valider ()	
Author	khali
Create Date Time	13/04/2023 01:59:19 #
Last Modified	13/04/2023 02:12:14 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

public operation ()	
Author	khali
Create Date Time	13/04/2023 02:10:54 #
Last Modified	13/04/2023 02:12:14 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false


public operation2 ()	
Author	khali
Create Date Time	13/04/2023 02:11:03 #
Last Modified	13/04/2023 02:12:14 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false


public reserver ()	
Author	khali
Create Date Time	13/04/2023 02:11:18 #
Last Modified	13/04/2023 02:12:14 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

public operation3 ()	
Author	khali
Create Date Time	13/04/2023 02:11:25 #
Last Modified	13/04/2023 02:12:14 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

public operation4 ()	
Author	khali
Create Date Time	13/04/2023 02:11:40 #
Last Modified	13/04/2023 02:12:14 #
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

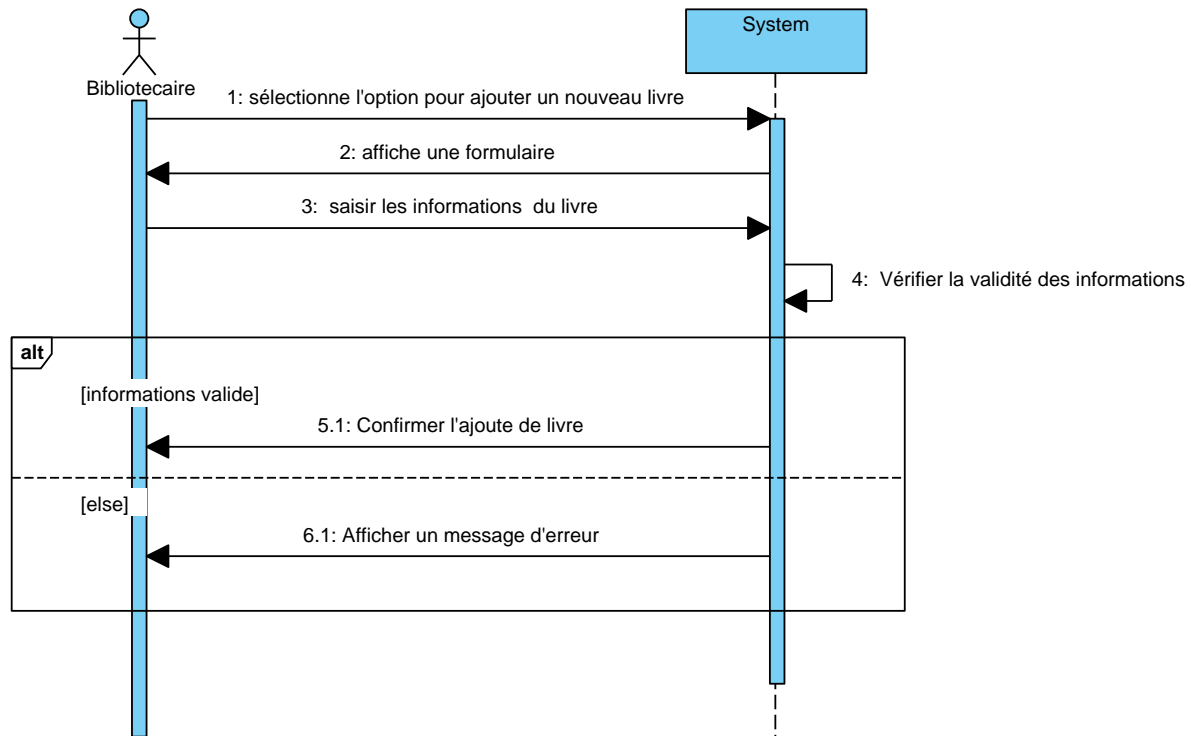
Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 db
	Author	khali
	Create Date Time	13/04/2023 01:58:51 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 01:58:51 #	
Last Modified	13/04/2023 02:46:15 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

call : Association		
From	Name	Value
	End Model Element	 GestionReseration
	Author	khali
	Create Date Time	13/04/2023 02:05:36 #
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	khali	
Create Date Time	13/04/2023 02:05:36 #	
Last Modified	13/04/2023 02:46:15 #	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Derived	false	






Sequence Diagram

Ajouter un livre - Flow of Events



Name	Value
Name	Ajouter un livre - Flow of Events
Author	khali
Create Date Time	04/04/2023 12:41:45 #
Last Modified	13/04/2023 11:35:20 #
Sync Diagram Element Ids	Jj8dkuGGAqACBAns, QbZtkuGGAqACBAmr, Fj8dkuGGAqACBAn_, pj8dkuGGAqACBAnz, Vj8dkuGGAqACBAoG, gbZtkuGGAqACBAmo, 1j8dkuGGAqACBAoL, pj8dkuGGAqACBAnx, Fj8dkuGGAqACBAn9, Zj8dkuGGAqACBAn2, lbZtkuGGAqACBAm0, 8Gm9kuGGAqACBAoq

Summary


Name	Documentation
 Bibliotecaire	
 System	
 if	
 else	
 if informations valide	


Details

Bibliotecaire


Name	Value	
Transit From	Flow of Events	
Author	khali	
Create Date Time	04/04/2023 12:41:45 #	
Last Modified	04/04/2023 09:31:56 #	
Visibility	public	
Abstract	false	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Active	false	
Business Model	false	


Relationships

sélectionne l'option pour ajouter un nouveau livre : Message		
To	Name	Value
	End Model Element	 System
	Author	khali
	Create Date Time	04/04/2023 12:41:45 #
Transit From	sélectionne l'option pour ajouter un nouveau livre	
Author	khali	
Create Date Time	04/04/2023 12:41:45 #	
Last Modified	04/04/2023 12:50:27 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	1	
Asynchronous	false	


saisir les informations du livre : Message		
To	Name	Value
	End Model Element	 System
	Author	khali
	Create Date Time	04/04/2023 12:44:32 #
Transit From	saisir les informations du livre	
Author	khali	
Create Date Time	04/04/2023 12:44:32 #	

Last Modified	04/04/2023 12:50:27 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	3	
Asynchronous	false	

Afficher un message d'erreur : Message		
From	Name	Value
	End Model Element	 System
	Author	khali
	Create Date Time	04/04/2023 12:44:32 #
Transit From	Afficher un message d'erreur	
Author	khali	
Create Date Time	04/04/2023 12:44:32 #	
Last Modified	04/04/2023 12:50:27 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	6.1	
Asynchronous	false	

Confirmer l'ajoute de livre : Message		
From	Name	Value
	End Model Element	 System
	Author	khali
	Create Date Time	04/04/2023 12:44:32 #
Transit From	Confirmer l'ajoute de livre	
Author	khali	
Create Date Time	04/04/2023 12:44:32 #	
Last Modified	04/04/2023 12:50:27 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	5.1	
Asynchronous	false	


affiche une formulaire : Message

From	Name	Value
	End Model Element	 System
	Author	khali
	Create Date Time	04/04/2023 12:49:34 #
Transit From	affiche une formulaire	
Author	khali	
Create Date Time	04/04/2023 12:49:34 #	
Last Modified	04/04/2023 01:12:29 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	2	
Asynchronous	false	


System


Name	Value	
Transit From	Flow of Events	
Author	khali	
Create Date Time	04/04/2023 12:41:45 #	
Last Modified	04/04/2023 09:31:56 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Multiplicity	Unspecified	
Active	false	
Stopped	false	
Multi Object	false	


Relationships

Confirmer l'ajoute de livre : Message		
To	Name	Value
	End Model Element	 Bibliotecaire
	Author	khali
	Create Date Time	04/04/2023 12:44:32 #
Transit From	Confirmer l'ajoute de livre	
Author	khali	
Create Date Time	04/04/2023 12:44:32 #	
Last Modified	04/04/2023 12:50:27 #	
Quality Score	Fair	


Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	5.1	
Asynchronous	false	


Vérifier la validité des informations : Message		
To	Name	Value
	End Model Element	 System
	Author	khali
	Create Date Time	04/04/2023 12:51:18 #
Author	khali	
Create Date Time	04/04/2023 12:51:18 #	
Last Modified	13/04/2023 02:20:44 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Self Message	
Sequence Number	4	
Asynchronous	false	

Afficher un message d'erreur : Message		
To	Name	Value
	End Model Element	 Bibliotecaire
	Author	khali
	Create Date Time	04/04/2023 12:44:32 #
Transit From	Afficher un message d'erreur	
Author	khali	
Create Date Time	04/04/2023 12:44:32 #	
Last Modified	04/04/2023 12:50:27 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	6.1	
Asynchronous	false	

affiche une formulaire : Message		
To	Name	Value
	End Model Element	 Bibliotecaire
	Author	khali
	Create Date Time	04/04/2023 12:49:34 #

Transit From	affiche une formulaire	
Author	khali	
Create Date Time	04/04/2023 12:49:34 #	
Last Modified	04/04/2023 01:12:29 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	2	
Asynchronous	false	

sélectionne l'option pour ajouter un nouveau livre : Message		
From	Name	Value
	End Model Element	 Bibliotecaire
	Author	khali
	Create Date Time	04/04/2023 12:41:45 #
Transit From	sélectionne l'option pour ajouter un nouveau livre	
Author	khali	
Create Date Time	04/04/2023 12:41:45 #	
Last Modified	04/04/2023 12:50:27 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	1	
Asynchronous	false	

saisir les informations du livre : Message		
From	Name	Value
	End Model Element	 Bibliotecaire
	Author	khali
	Create Date Time	04/04/2023 12:44:32 #
Transit From	saisir les informations du livre	
Author	khali	
Create Date Time	04/04/2023 12:44:32 #	
Last Modified	04/04/2023 12:50:27 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	3	
Asynchronous	false	



Name	Value	
Transit From	informations valide	
Author	khali	
Create Date Time	04/04/2023 12:44:32 #	
Last Modified	04/04/2023 09:31:56 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Guard	Name	Value
	Author	khali
	Create Date Time	04/04/2023 12:44:32 #
	Constraint	informations valide



Name	Value	
Transit From		
Author	khali	
Create Date Time	04/04/2023 12:44:32 #	
Last Modified	04/04/2023 09:31:56 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Guard	Name	Value
	Author	khali
	Create Date Time	04/04/2023 12:44:32 #
	Constraint	else





Name	Value	
Transit From	informations valide	
Author	khali	
Create Date Time	04/04/2023 12:44:32 #	
Last Modified	04/04/2023 09:31:56 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Operator Kind	alt	

Interaction Operands

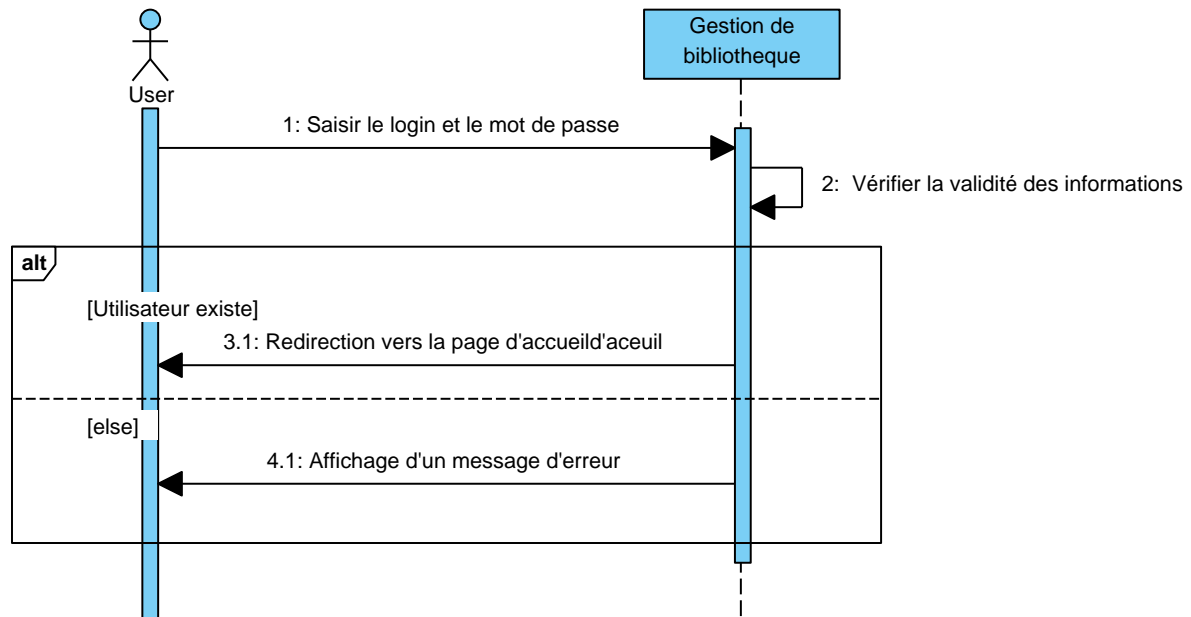
Value
if
else

Covered LifeLines

Name	Documentation
 Bibliotecaire	
 System	

Sequence Diagram

Athentification - Flow of Events



Name	Value
Name	Athentification - Flow of Events
Author	khali
Create Date Time	13/04/2023 02:18:14 #
Last Modified	13/04/2023 02:43:02 #
Sync Diagram Element Ids	oa1WHuGGAqACBA5H, 9v_mHuGGAqACBA3L, 9v_mHuGGAqACBA3I, .v_mHuGGAqACBA3C, 9v_mHuGGAqACBA3V, 9v_mHuGGAqACBA3e, .v_mHuGGAqACBA2_, 9v_mHuGGAqACBA3S, 9v_mHuGGAqACBA3c

Summary


Name	Documentation
User	
Gestion de bibliotheque	
if	
else	
if Utilisateur existe	


Details

User


Name	Value	
Transit From	Flow of Events	
Author	khali	
Create Date Time	13/04/2023 02:18:14 #	
Last Modified	13/04/2023 02:46:15 #	
Visibility	public	
Abstract	false	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Active	false	
Business Model	false	

Relationships

Saisir le login et le mot de passe : Message		
To	Name	Value
	End Model Element	 Gestion de bibliotheque
	Author	khali
	Create Date Time	13/04/2023 02:18:14 #
Transit From	Saisir le login et le mot de passe	
Author	khali	
Create Date Time	13/04/2023 02:18:14 #	
Last Modified	13/04/2023 02:46:15 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	1	
Asynchronous	false	

Redirection vers la page d'accueil d'accueil : Message		
From	Name	Value
	End Model Element	 Gestion de bibliotheque
	Author	khali
	Create Date Time	13/04/2023 02:18:14 #
Transit From	Redirection vers la page d'accueil d'accueil	
Author	khali	
Create Date Time	13/04/2023 02:18:14 #	

Last Modified	13/04/2023 02:46:15 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	3.1	
Asynchronous	false	


Affichage d'un message d'erreur : Message		
From	Name	Value
	End Model Element	 Gestion de bibliotheque
	Author	khali
	Create Date Time	13/04/2023 02:18:14 #
Transit From	Affichage d'un message d'erreur	
Author	khali	
Create Date Time	13/04/2023 02:18:14 #	
Last Modified	13/04/2023 02:46:15 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	4.1	
Asynchronous	false	


Gestion de bibliotheque


Name	Value	
Transit From	Flow of Events	
Author	khali	
Create Date Time	13/04/2023 02:18:14 #	
Last Modified	13/04/2023 02:46:15 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Multiplicity	Unspecified	
Active	false	
Stopped	false	
Multi Object	false	


Relationships

Affichage d'un message d'erreur : Message

To	Name		Value
	End Model Element		 User
	Author		khali
	Create Date Time		13/04/2023 02:18:14 #
Transit From	Affichage d'un message d'erreur		
Author	khali		
Create Date Time	13/04/2023 02:18:14 #		
Last Modified	13/04/2023 02:46:15 #		
Quality Score	Fair		
Quality Reason	Problem		Suggestion
	Name does not contain glossary terms		Define name as term in glossary
Type	Message		
Sequence Number	4.1		
Asynchronous	false		

Redirection vers la page d'accueil d'aceuil : Message			
To	Name		Value
	End Model Element		 User
	Author		khali
	Create Date Time		13/04/2023 02:18:14 #
Transit From	Redirection vers la page d'accueil d'aceuil		
Author	khali		
Create Date Time	13/04/2023 02:18:14 #		
Last Modified	13/04/2023 02:46:15 #		
Quality Score	Fair		
Quality Reason	Problem		Suggestion
	Name does not contain glossary terms		Define name as term in glossary
Type	Message		
Sequence Number	3.1		
Asynchronous	false		

Vérifier la validité des informations : Message		
To	Name	Value
	End Model Element	 Gestion de bibliotheque
	Author	khali
	Create Date Time	13/04/2023 02:18:32 #
Author	khali	
Create Date Time	13/04/2023 02:18:32 #	
Last Modified	13/04/2023 02:46:15 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Self Message	
Sequence Number	2	
Asynchronous	false	

Saisir le login et le mot de passe : Message		
From	Name	Value
	End Model Element	 User
	Author	khali
	Create Date Time	13/04/2023 02:18:14 #
Transit From	Saisir le login et le mot de passe	
Author	khali	
Create Date Time	13/04/2023 02:18:14 #	
Last Modified	13/04/2023 02:46:15 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	1	
Asynchronous	false	



Name	Value	
Transit From	Utilisateur existe	
Author	khali	
Create Date Time	13/04/2023 02:18:14 #	
Last Modified	13/04/2023 02:46:15 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Guard	Name	Value
	Author	khali
	Create Date Time	13/04/2023 02:18:14 #
	Constraint	Utilisateur existe

else

Name	Value	
Transit From		
Author	khali	
Create Date Time	13/04/2023 02:18:14 #	
Last Modified	13/04/2023 02:46:15 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Guard	Name	Value
	Author	khali
	Create Date Time	13/04/2023 02:18:14 #
	Constraint	else



if Utilisateur existe

Name	Value	
Transit From	Utilisateur existe	
Author	khali	
Create Date Time	13/04/2023 02:18:14 #	
Last Modified	13/04/2023 02:46:15 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Operator Kind	alt	

Interaction Operands

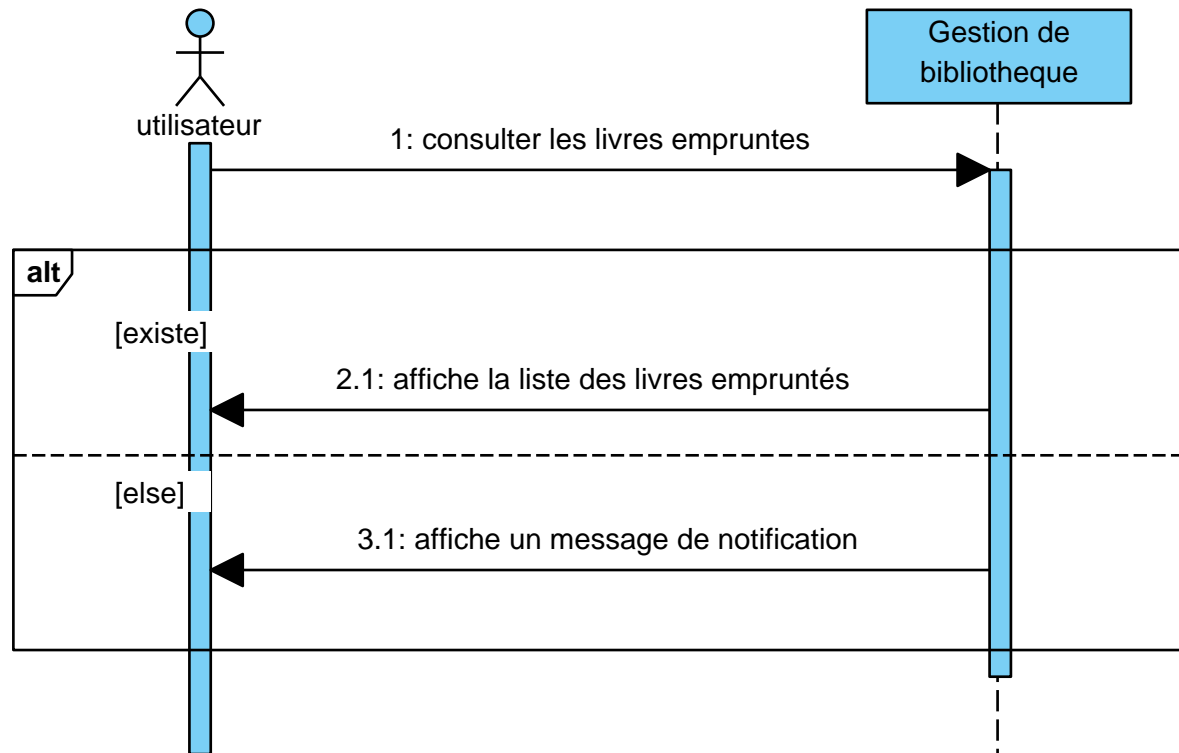
Value
if
else

Covered LifeLines

Name	Documentation
 User	
 Gestion de bibliotheque	






Sequence Diagram

Consulter les livres empruntés - Flow of Events



Name	Value
Name	Consulter les livres empruntés - Flow of Events
Author	khali
Create Date Time	13/04/2023 03:57:46 #
Last Modified	13/04/2023 03:59:52 #
Sync Diagram Element Ids	1PjDHuGGAqACBBa., 1PjDHuGGAqACBBay, 1PjDHuGGAqACBBaw, 2PjDHuGGAqACBBan, 1PjDHuGGAqACBBa1, 1PjDHuGGAqACBBbF, 1PjDHuGGAqACBBa8, 2PjDHuGGAqACBBak

Summary

Name	Documentation
 utilisateur	
 Gestion de bibliotheque	
 if	
 else	
 if existe	

Details



utilisateur


Name	Value	
Transit From	Flow of Events	
Author	khali	
Create Date Time	13/04/2023 03:57:46 #	
Last Modified	13/04/2023 10:30:49 #	
Visibility	public	
Abstract	false	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Active	false	
Business Model	false	

Relationships

consulter les livres empruntes : Message		
To	Name	Value
	End Model Element	Gestion de bibliotheque
	Author	khali
	Create Date Time	13/04/2023 03:57:46 #
Transit From	consulter les livres empruntes	
Author	khali	
Create Date Time	13/04/2023 03:57:46 #	
Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	1	
Asynchronous	false	

affiche un message de notification : Message		
From	Name	Value
	End Model Element	Gestion de bibliotheque
	Author	khali
	Create Date Time	13/04/2023 03:57:46 #
Transit From	affiche un message de notification	

Author	khali	
Create Date Time	13/04/2023 03:57:46 #	
Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	3.1	
Asynchronous	false	


affiche la liste des livres empruntés : Message		
From	Name	Value
	End Model Element	 Gestion de bibliotheque
	Author	khali
	Create Date Time	13/04/2023 03:57:46 #
Transit From	affiche la liste des livres empruntés	
Author	khali	
Create Date Time	13/04/2023 03:57:46 #	
Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	2.1	
Asynchronous	false	





Gestion de bibliotheque

Name	Value	
Transit From	Flow of Events	
Author	khali	
Create Date Time	13/04/2023 03:57:46 #	
Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Multiplicity	Unspecified	
Active	false	
Stopped	false	
Multi Object	false	

Relationships

affiche la liste des livres empruntés : Message		
To	Name	Value
	End Model Element	 utilisateur
	Author	khali
	Create Date Time	13/04/2023 03:57:46 #
Transit From	affiche la liste des livres empruntés	
Author	khali	
Create Date Time	13/04/2023 03:57:46 #	
Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	2.1	
Asynchronous	false	

affiche un message de notification : Message		
To	Name	Value
	End Model Element	 utilisateur
	Author	khali
	Create Date Time	13/04/2023 03:57:46 #
Transit From	affiche un message de notification	
Author	khali	
Create Date Time	13/04/2023 03:57:46 #	
Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	3.1	
Asynchronous	false	

consulter les livres empruntes : Message		
From	Name	Value
	End Model Element	 utilisateur
	Author	khali
	Create Date Time	13/04/2023 03:57:46 #
Transit From	consulter les livres empruntes	
Author	khali	
Create Date Time	13/04/2023 03:57:46 #	
Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	

Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	1	
Asynchronous	false	



if

Name	Value	
Transit From	existe	
Author	khali	
Create Date Time	13/04/2023 03:57:46 #	
Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Guard	Name	Value
	Author	khali
	Create Date Time	13/04/2023 03:57:46 #
	Constraint	existe



else

Name	Value	
Transit From		
Author	khali	
Create Date Time	13/04/2023 03:57:46 #	
Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Guard	Name	Value
	Author	khali
	Create Date Time	13/04/2023 03:57:46 #
	Constraint	else



if existe



Name	Value
Transit From	existe
Author	khali
Create Date Time	13/04/2023 03:57:46 #

Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Operator Kind	alt	

Interaction Operands

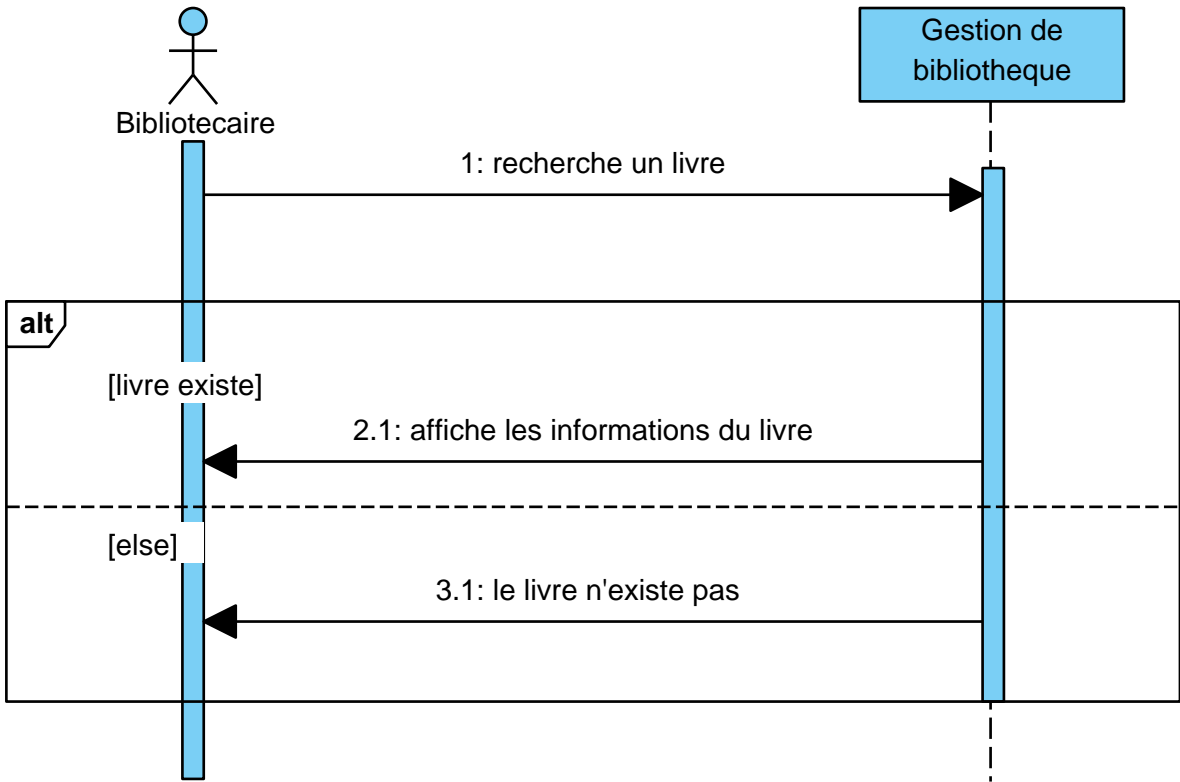
Value
if
else

Covered LifeLines

Name	Documentation
 utilisateur	
 Gestion de bibliotheque	

Sequence Diagram

consulter un livre - Flow of Events



Name	Value
Name	consulter un livre - Flow of Events
Author	khali
Create Date Time	13/04/2023 03:04:23 #
Last Modified	13/04/2023 04:05:25 #
Sync Diagram Element Ids	D3xJHuGGAqACBBMe, APxJHuGGAqACBBMu, D3xJHuGGAqACBBMZ, APxJHuGGAqACBBMn, D3xJHuGGAqACBBMN, APxJHuGGAqACBBMI, D3xJHuGGAqACBBMb, D3xJHuGGAqACBBMQ

Summary

Name	Documentation
Bibliotecaire	
Gestion de bibliotheque	
if	
else	
if livre existe	


Details




Bibliothecaire


Name	Value	
Transit From	Flow of Events	
Author	khali	
Create Date Time	13/04/2023 03:04:23 #	
Last Modified	13/04/2023 10:30:49 #	
Visibility	public	
Abstract	false	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Active	false	
Business Model	false	

Relationships

recherche un livre : Message		
To	Name	Value
	End Model Element	 Gestion de bibliotheque
	Author	khali
	Create Date Time	13/04/2023 03:04:23 #
Transit From	recherche un livre	
Author	khali	
Create Date Time	13/04/2023 03:04:23 #	
Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	1	
Asynchronous	false	

affiche les informations du livre : Message		
From	Name	Value
	End Model Element	 Gestion de bibliotheque
	Author	khali
	Create Date Time	13/04/2023 03:04:23 #
Transit From	affiche les informations du livre	
Author	khali	
Create Date Time	13/04/2023 03:04:23 #	

Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	2.1	
Asynchronous	false	


le livre n'existe pas : Message		
From	Name	Value
	End Model Element	 Gestion de bibliotheque
	Author	khali
	Create Date Time	13/04/2023 03:04:23 #
Transit From	le livre n'existe pas	
Author	khali	
Create Date Time	13/04/2023 03:04:23 #	
Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	3.1	
Asynchronous	false	


Gestion de bibliotheque


Name	Value	
Transit From	Flow of Events	
Author	khali	
Create Date Time	13/04/2023 03:04:23 #	
Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Multiplicity	Unspecified	
Active	false	
Stopped	false	
Multi Object	false	

Relationships

le livre n'existe pas : Message

To	Name		Value
	End Model Element		 Bibliotecaire
	Author		khali
	Create Date Time		13/04/2023 03:04:23 #
Transit From	le livre n'existe pas		
Author	khali		
Create Date Time	13/04/2023 03:04:23 #		
Last Modified	13/04/2023 10:30:49 #		
Quality Score	Fair		
Quality Reason	Problem		Suggestion
	Name does not contain glossary terms		Define name as term in glossary
Type	Message		
Sequence Number	3.1		
Asynchronous	false		

affiche les informations du livre : Message			
To	Name		Value
	End Model Element		 Bibliotecaire
	Author		khali
	Create Date Time		13/04/2023 03:04:23 #
Transit From	affiche les informations du livre		
Author	khali		
Create Date Time	13/04/2023 03:04:23 #		
Last Modified	13/04/2023 10:30:49 #		
Quality Score	Fair		
Quality Reason	Problem		Suggestion
	Name does not contain glossary terms		Define name as term in glossary
Type	Message		
Sequence Number	2.1		
Asynchronous	false		

recherche un livre : Message		
From	Name	Value
	End Model Element	 Bibliotecaire
	Author	khali
	Create Date Time	13/04/2023 03:04:23 #
Transit From	recherche un livre	
Author	khali	
Create Date Time	13/04/2023 03:04:23 #	
Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	

Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	1	
Asynchronous	false	



if

Name	Value	
Transit From	livre existe	
Author	khali	
Create Date Time	13/04/2023 03:04:23 #	
Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Guard	Name	Value
	Author	khali
	Create Date Time	13/04/2023 03:04:23 #
	Constraint	livre existe



else

Name	Value	
Transit From		
Author	khali	
Create Date Time	13/04/2023 03:04:23 #	
Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Guard	Name	Value
	Author	khali
	Create Date Time	13/04/2023 03:04:23 #
	Constraint	else



if livre existe



Name	Value
Transit From	livre existe
Author	khali
Create Date Time	13/04/2023 03:04:23 #

Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Operator Kind	alt	

Interaction Operands

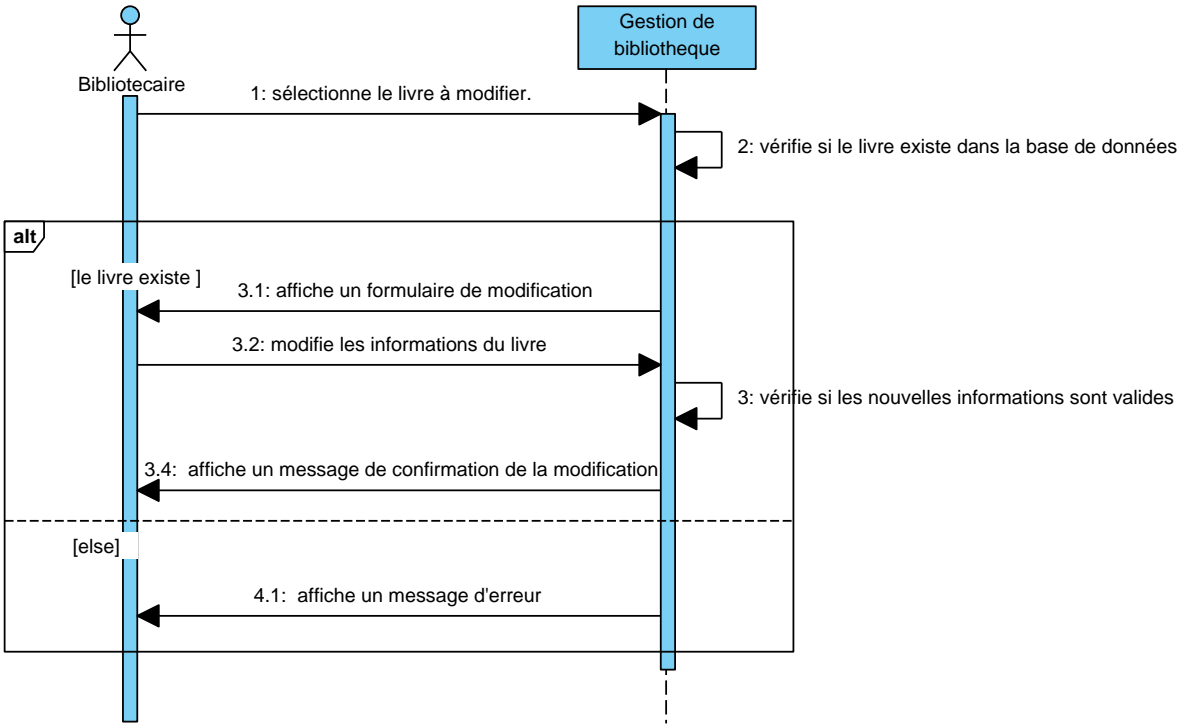
Value
if
else

Covered LifeLines

Name	Documentation
 Bibliotecaire	
 Gestion de bibliotheque	

Sequence Diagram

Modifier un livre - Flow of Events



Name	Value
Name	Modifier un livre - Flow of Events
Author	khali
Create Date Time	13/04/2023 02:48:46 #
Last Modified	13/04/2023 04:05:27 #
Sync Diagram Element Ids	Tq_BHuGGAqACBBFC, Rq_BHuGGAqACBBEX, Rq_BHuGGAqACBBEU, Rq_BHuGGAqACBBEg, Tq_BHuGGAqACBBFA, Tq_BHuGGAqACBBE2, Tq_BHuGGAqACBBE7, Rq_BHuGGAqACBBEq, Tq_BHuGGAqACBBFJ, Tq_BHuGGAqACBBEx, Rq_BHuGGAqACBBEn, Rq_BHuGGAqACBBEI

Summary

Name	Documentation
Bibliotecaire	
Gestion de bibliotheque	
if	
else	
if le livre existe	


Details




Bibliotecaire


Name	Value	
Transit From	Flow of Events	
Author	khali	
Create Date Time	13/04/2023 02:48:46 #	
Last Modified	13/04/2023 03:04:19 #	
Visibility	public	
Abstract	false	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Active	false	
Business Model	false	


Relationships

sélectionne le livre à modifier. : Message		
To	Name	Value
	End Model Element	 Gestion de bibliotheque
	Author	khali
	Create Date Time	13/04/2023 02:48:46 #
Transit From	sélectionne le livre à modifier.	
Author	khali	
Create Date Time	13/04/2023 02:48:46 #	
Last Modified	13/04/2023 03:04:19 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	1	
Asynchronous	false	


modifie les informations du livre : Message		
To	Name	Value
	End Model Element	 Gestion de bibliotheque
	Author	khali
	Create Date Time	13/04/2023 02:48:46 #
Transit From	modifie les informations du livre	
Author	khali	
Create Date Time	13/04/2023 02:48:46 #	

Last Modified	13/04/2023 03:04:19 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	3.2	
Asynchronous	false	

affiche un message d'erreur : Message		
From	Name	Value
	End Model Element	 Gestion de bibliotheque
	Author	khali
	Create Date Time	13/04/2023 02:48:46 #
Transit From	affiche un message d'erreur	
Author	khali	
Create Date Time	13/04/2023 02:48:46 #	
Last Modified	13/04/2023 03:04:19 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	4.1	
Asynchronous	false	

affiche un message de confirmation de la modification : Message		
From	Name	Value
	End Model Element	 Gestion de bibliotheque
	Author	khali
	Create Date Time	13/04/2023 02:48:46 #
Transit From	affiche un message de confirmation de la modification	
Author	khali	
Create Date Time	13/04/2023 02:48:46 #	
Last Modified	13/04/2023 03:04:19 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	3.4	
Asynchronous	false	

affiche un formulaire de modification : Message


From	Name		Value	
	End Model Element		 Gestion de bibliotheque	
	Author		khali	
	Create Date Time		13/04/2023 02:48:46 #	
Transit From	affiche un formulaire de modification avec les informations actuelles du livre			
Author	khali			
Create Date Time	13/04/2023 02:48:46 #			
Last Modified	13/04/2023 03:04:19 #			
Quality Score	Fair			
Quality Reason	Problem		Suggestion	
	Name does not contain glossary terms		Define name as term in glossary	
Type	Message			
Sequence Number	3.1			
Asynchronous	false			




Gestion de bibliotheque


Name		Value	
Transit From		Flow of Events	
Author		khali	
Create Date Time		13/04/2023 02:48:46 #	
Last Modified		13/04/2023 03:04:19 #	
Quality Score		Fair	
Quality Reason	Problem		Suggestion
	Name does not contain glossary terms		Define name as term in glossary
Multiplicity		Unspecified	
Active		false	
Stopped		false	
Multi Object		false	


Relationships

affiche un formulaire de modification : Message			
To	Name		Value
	End Model Element		 Bibliotecaire
	Author		khali
	Create Date Time		13/04/2023 02:48:46 #
Transit From	affiche un formulaire de modification avec les informations actuelles du livre		
Author	khali		
Create Date Time	13/04/2023 02:48:46 #		
Last Modified	13/04/2023 03:04:19 #		
Quality Score	Fair		


Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	3.1	
Asynchronous	false	


vérifie si le livre existe dans la base de données : Message		
To	Name	Value
	End Model Element	 Gestion de bibliotheque
	Author	khali
	Create Date Time	13/04/2023 02:49:01 #
Author	khali	
Create Date Time	13/04/2023 02:49:01 #	
Last Modified	13/04/2023 03:04:19 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Self Message	
Sequence Number	2	
Asynchronous	false	


vérifie si les nouvelles informations sont valides : Message		
To	Name	Value
	End Model Element	 Gestion de bibliotheque
	Author	khali
	Create Date Time	13/04/2023 02:50:28 #
Author	khali	
Create Date Time	13/04/2023 02:50:28 #	
Last Modified	13/04/2023 03:04:19 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Self Message	
Sequence Number	3	
Asynchronous	false	

affiche un message d'erreur : Message		
To	Name	Value
	End Model Element	 Bibliotecaire
	Author	khali
	Create Date Time	13/04/2023 02:48:46 #
Transit From	affiche un message d'erreur	

Author	khali	
Create Date Time	13/04/2023 02:48:46 #	
Last Modified	13/04/2023 03:04:19 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	4.1	
Asynchronous	false	

affiche un message de confirmation de la modification : Message		
To	Name	Value
	End Model Element	 Bibliotecaire
	Author	khali
	Create Date Time	13/04/2023 02:48:46 #
Transit From	affiche un message de confirmation de la modification	
Author	khali	
Create Date Time	13/04/2023 02:48:46 #	
Last Modified	13/04/2023 03:04:19 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	3.4	
Asynchronous	false	

modifie les informations du livre : Message		
From	Name	Value
	End Model Element	 Bibliotecaire
	Author	khali
	Create Date Time	13/04/2023 02:48:46 #
Transit From	modifie les informations du livre	
Author	khali	
Create Date Time	13/04/2023 02:48:46 #	
Last Modified	13/04/2023 03:04:19 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	3.2	
Asynchronous	false	

sélectionne le livre à modifier. : Message		
From	Name	Value
	End Model Element	 Bibliotecaire
	Author	khali
	Create Date Time	13/04/2023 02:48:46 #
Transit From	sélectionne le livre à modifier.	
Author	khali	
Create Date Time	13/04/2023 02:48:46 #	
Last Modified	13/04/2023 03:04:19 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	1	
Asynchronous	false	



Name	Value	
Transit From	le livre existe	
Author	khali	
Create Date Time	13/04/2023 02:48:46 #	
Last Modified	13/04/2023 03:04:19 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Guard	Name	Value
	Author	khali
	Create Date Time	13/04/2023 02:48:46 #
	Constraint	le livre existe

else

Name	Value	
Transit From		
Author	khali	
Create Date Time	13/04/2023 02:48:46 #	
Last Modified	13/04/2023 03:04:19 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Guard	Name	Value
	Author	khali
	Create Date Time	13/04/2023 02:48:46 #
	Constraint	else



if le livre existe

Name	Value	
Transit From	le livre existe	
Author	khali	
Create Date Time	13/04/2023 02:48:46 #	
Last Modified	13/04/2023 03:04:19 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Operator Kind	alt	

Interaction Operands

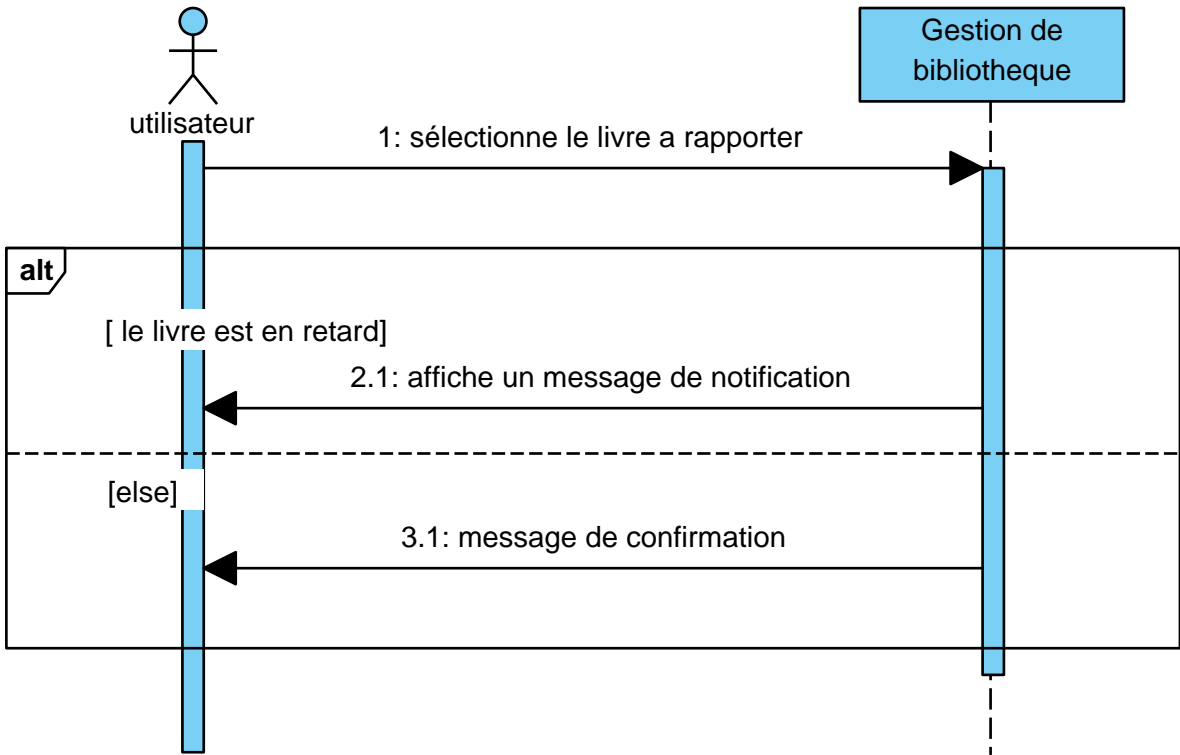
Value
if
else

Covered LifeLines

Name	Documentation
 Bibliotecaire	
 Gestion de bibliotheque	

Sequence Diagram

Rapporter un livre - Flow of Events



Name	Value
Name	Rapporter un livre - Flow of Events
Author	khali
Create Date Time	13/04/2023 04:03:28 #
Last Modified	13/04/2023 04:05:23 #
Sync Diagram Element Ids	ouoTHuGGAqACBBdq, ouoTHuGGAqACBBdo, quoTHuGGAqACBBd9, ouoTHuGGAqACBBdf, quoTHuGGAqACBBd2, ouoTHuGGAqACBBdt, quoTHuGGAqACBBd0, ouoTHuGGAqACBBdc

Summary

Name	Documentation
utilisateur	
Gestion de bibliotheque	
if	
else	
if le livre est en retard	

Details



utilisateur


Name	Value	
Transit From	Flow of Events	
Author	khali	
Create Date Time	13/04/2023 04:03:28 #	
Last Modified	13/04/2023 10:30:49 #	
Visibility	public	
Abstract	false	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Active	false	
Business Model	false	

Relationships

sélectionne le livre a rapporter : Message		
To	Name	Value
	End Model Element	Gestion de bibliotheque
	Author	khali
	Create Date Time	13/04/2023 04:03:28 #
Transit From	sélectionne le livre a rapporter	
Author	khali	
Create Date Time	13/04/2023 04:03:28 #	
Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	1	
Asynchronous	false	

message de confirmation : Message		
From	Name	Value
	End Model Element	Gestion de bibliotheque
	Author	khali
	Create Date Time	13/04/2023 04:03:28 #
Transit From	message de confirmation	
Author	khali	
Create Date Time	13/04/2023 04:03:28 #	

Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	3.1	
Asynchronous	false	


affiche un message de notification : Message		
From	Name	Value
	End Model Element	 Gestion de bibliotheque
	Author	khali
	Create Date Time	13/04/2023 04:03:28 #
Transit From	affiche un message de notification	
Author	khali	
Create Date Time	13/04/2023 04:03:28 #	
Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	2.1	
Asynchronous	false	


Gestion de bibliotheque


Name	Value	
Transit From	Flow of Events	
Author	khali	
Create Date Time	13/04/2023 04:03:28 #	
Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Multiplicity	Unspecified	
Active	false	
Stopped	false	
Multi Object	false	

Relationships

message de confirmation : Message

To	Name	Value
	End Model Element	 utilisateur
	Author	khali
	Create Date Time	13/04/2023 04:03:28 #
Transit From	message de confirmation	
Author	khali	
Create Date Time	13/04/2023 04:03:28 #	
Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	3.1	
Asynchronous	false	

affiche un message de notification : Message		
To	Name	Value
	End Model Element	 utilisateur
	Author	khali
	Create Date Time	13/04/2023 04:03:28 #
Transit From	affiche un message de notification	
Author	khali	
Create Date Time	13/04/2023 04:03:28 #	
Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	2.1	
Asynchronous	false	

sélectionne le livre a rapporter : Message		
From	Name	Value
	End Model Element	 utilisateur
	Author	khali
	Create Date Time	13/04/2023 04:03:28 #
Transit From	sélectionne le livre a rapporter	
Author	khali	
Create Date Time	13/04/2023 04:03:28 #	
Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	

Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	1	
Asynchronous	false	



Name	Value	
Transit From	le livre est en retard	
Author	khali	
Create Date Time	13/04/2023 04:03:28 #	
Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Guard	Name	Value
	Author	khali
	Create Date Time	13/04/2023 04:03:28 #
	Constraint	le livre est en retard



Name	Value	
Transit From		
Author	khali	
Create Date Time	13/04/2023 04:03:28 #	
Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Guard	Name	Value
	Author	khali
	Create Date Time	13/04/2023 04:03:28 #
	Constraint	else





Name	Value
Transit From	le livre est en retard
Author	khali
Create Date Time	13/04/2023 04:03:28 #

Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Operator Kind	alt	

Interaction Operands

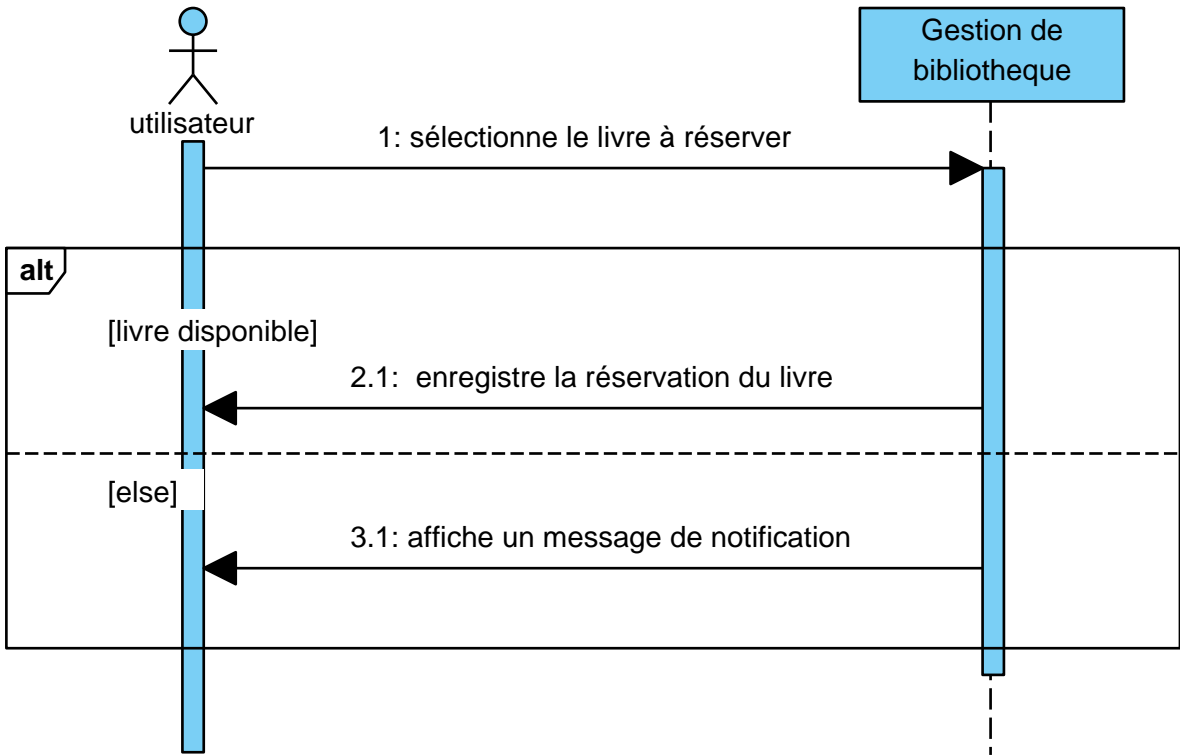
Value
if
else

Covered LifeLines

Name	Documentation
 utilisateur	
 Gestion de bibliotheque	

Sequence Diagram

reserver un livre - Flow of Events



Name	Value
Name	reserver un livre - Flow of Events
Author	khali
Create Date Time	13/04/2023 03:37:16 #
Last Modified	13/04/2023 03:59:53 #
Sync Diagram Element Ids	0FoNHuGGAqACBBU9, 0FoNHuGGAqACBBUx, 2FoNHuGGAqACBBVE, 0FoNHuGGAqACBBUv, 0FoNHuGGAqACBBU0, 0FoNHuGGAqACBBUm, 0FoNHuGGAqACBBUj, 0FoNHuGGAqACBBU7

Summary

Name	Documentation
utilisateur	
Gestion de bibliotheque	
if	
else	
if livre disponible	


Details




utilisateur


Name	Value	
Transit From	Flow of Events	
Author	khali	
Create Date Time	13/04/2023 03:37:16 #	
Last Modified	13/04/2023 10:30:49 #	
Visibility	public	
Abstract	false	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Active	false	
Business Model	false	

Relationships

sélectionne le livre à réserver : Message		
To	Name	Value
	End Model Element	 Gestion de bibliotheque
	Author	khali
	Create Date Time	13/04/2023 03:37:16 #
Transit From	sélectionne le livre à réserver	
Author	khali	
Create Date Time	13/04/2023 03:37:16 #	
Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	1	
Asynchronous	false	

affiche un message de notification : Message		
From	Name	Value
	End Model Element	 Gestion de bibliotheque
	Author	khali
	Create Date Time	13/04/2023 03:37:16 #
Transit From	affiche un message de notification	
Author	khali	
Create Date Time	13/04/2023 03:37:16 #	

Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	3.1	
Asynchronous	false	


enregistre la réservation du livre : Message		
From	Name	Value
	End Model Element	 Gestion de bibliotheque
	Author	khali
	Create Date Time	13/04/2023 03:37:16 #
Transit From	enregistre la réservation du livre	
Author	khali	
Create Date Time	13/04/2023 03:37:16 #	
Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	2.1	
Asynchronous	false	


Gestion de bibliotheque


Name	Value	
Transit From	Flow of Events	
Author	khali	
Create Date Time	13/04/2023 03:37:16 #	
Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Multiplicity	Unspecified	
Active	false	
Stopped	false	
Multi Object	false	

Relationships

enregistre la réservation du livre : Message
--

To	Name		Value
	End Model Element		 utilisateur
	Author		khali
	Create Date Time		13/04/2023 03:37:16 #
Transit From	enregistre la réservation du livre		
Author	khali		
Create Date Time	13/04/2023 03:37:16 #		
Last Modified	13/04/2023 10:30:49 #		
Quality Score	Fair		
Quality Reason	Problem		Suggestion
	Name does not contain glossary terms		Define name as term in glossary
Type	Message		
Sequence Number	2.1		
Asynchronous	false		

affiche un message de notification : Message			
To	Name		Value
	End Model Element		 utilisateur
	Author		khali
	Create Date Time		13/04/2023 03:37:16 #
Transit From	affiche un message de notification		
Author	khali		
Create Date Time	13/04/2023 03:37:16 #		
Last Modified	13/04/2023 10:30:49 #		
Quality Score	Fair		
Quality Reason	Problem		Suggestion
	Name does not contain glossary terms		Define name as term in glossary
Type	Message		
Sequence Number	3.1		
Asynchronous	false		

sélectionne le livre à réserver : Message		
From	Name	Value
	End Model Element	 utilisateur
	Author	khali
	Create Date Time	13/04/2023 03:37:16 #
Transit From	sélectionne le livre à réserver	
Author	khali	
Create Date Time	13/04/2023 03:37:16 #	
Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	

Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	1	
Asynchronous	false	



if

Name	Value	
Transit From	livre disponible	
Author	khali	
Create Date Time	13/04/2023 03:37:16 #	
Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Guard	Name	Value
	Author	khali
	Create Date Time	13/04/2023 03:37:16 #
	Constraint	livre disponible



else

Name	Value	
Transit From		
Author	khali	
Create Date Time	13/04/2023 03:37:16 #	
Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Guard	Name	Value
	Author	khali
	Create Date Time	13/04/2023 03:37:16 #
	Constraint	else



if livre disponible



Name	Value
Transit From	livre disponible
Author	khali
Create Date Time	13/04/2023 03:37:16 #

Last Modified	13/04/2023 10:30:49 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Operator Kind	alt	

Interaction Operands

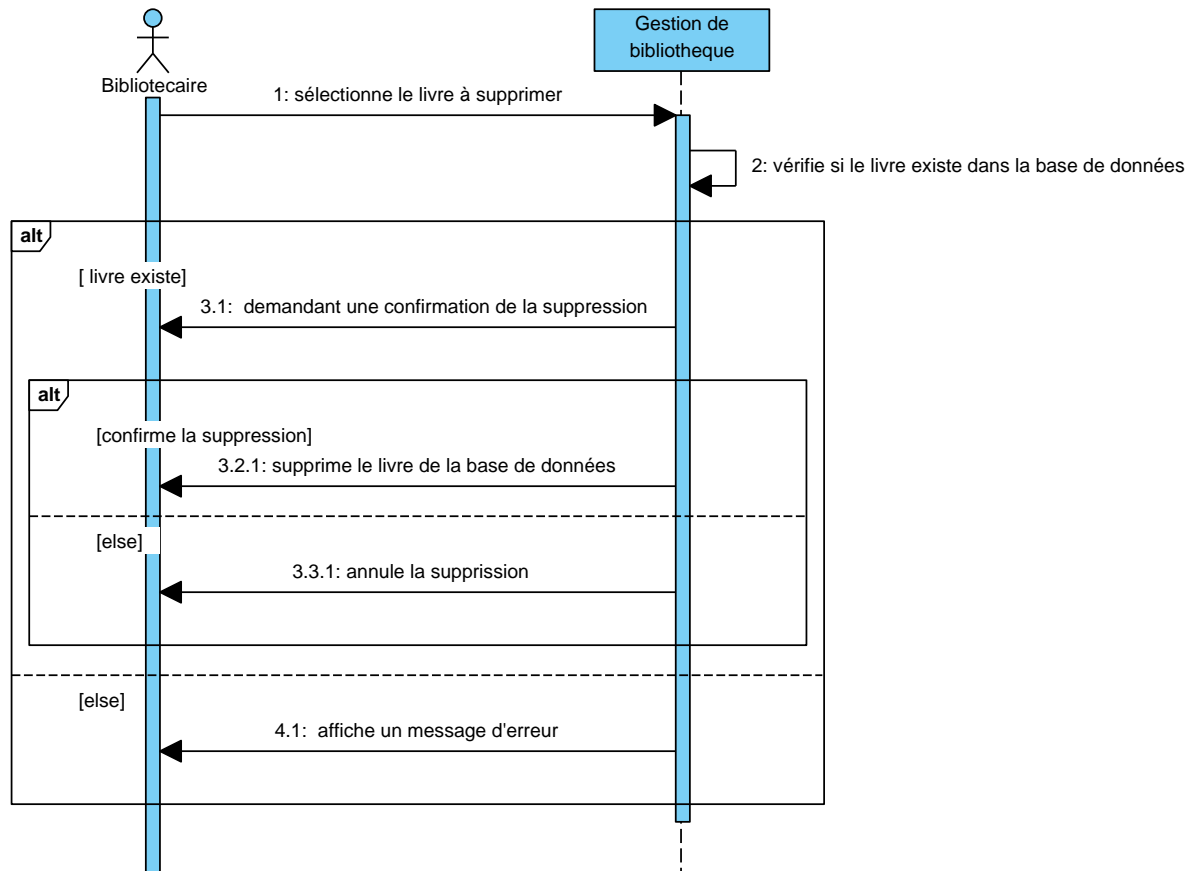
Value
if
else

Covered LifeLines

Name	Documentation
 utilisateur	
 Gestion de bibliotheque	

Sequence Diagram


Supprimer un livre - Flow of Events



Name	Value
Name	Supprimer un livre - Flow of Events
Author	khali
Create Date Time	13/04/2023 02:39:00 #
Last Modified	13/04/2023 04:05:28 #
Sync Diagram Element Ids	UaDeHuGGAqACBA_s, UaDeHuGGAqACBA_3, UaDeHuGGAqACBA_1, XqDeHuGGAqACBA_W, UaDeHuGGAqACBA_I, UaDeHuGGAqACBA_i, UaDeHuGGAqACBA_g, UaDeHuGGAqACBA_u, maDeHuGGAqACBA_., XqDeHuGGAqACBA_G, XqDeHuGGAqACBA_U, UaDeHuGGAqACBA_Z, XqDeHuGGAqACBA_D, XqDeHuGGAqACBA_P

Summary

Name	Documentation
Bibliotecaire	
Gestion de bibliotheque	
if	
else	
if	
if confirme la suppression	
else	

 if livre existe	
---	--


Details




Bibliothecaire


Name	Value	
Transit From	Flow of Events	
Author	khali	
Create Date Time	13/04/2023 02:39:00 #	
Last Modified	13/04/2023 02:46:15 #	
Visibility	public	
Abstract	false	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Active	false	
Business Model	false	


Relationships

sélectionne le livre à supprimer : Message		
To	Name	Value
	End Model Element	 Gestion de bibliotheque
	Author	khali
	Create Date Time	13/04/2023 02:39:00 #
Transit From	sélectionne le livre à supprimer	
Author	khali	
Create Date Time	13/04/2023 02:39:00 #	
Last Modified	13/04/2023 02:46:15 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	1	
Asynchronous	false	


affiche un message d'erreur : Message

From	Name		Value
	End Model Element		 Gestion de bibliotheque
	Author		khali
	Create Date Time		13/04/2023 02:39:01 #
Transit From	affiche un message d'erreur		
Author	khali		
Create Date Time	13/04/2023 02:39:01 #		
Last Modified	13/04/2023 02:46:15 #		
Quality Score	Fair		
Quality Reason	Problem		Suggestion
	Name does not contain glossary terms		Define name as term in glossary
Type	Message		
Sequence Number	4.1		
Asynchronous	false		

annule la suppression : Message			
From	Name		Value
	End Model Element		 Gestion de bibliotheque
	Author		khali
	Create Date Time		13/04/2023 02:39:01 #
Transit From	annule la suppression		
Author	khali		
Create Date Time	13/04/2023 02:39:01 #		
Last Modified	13/04/2023 02:46:15 #		
Quality Score	Fair		
Quality Reason	Problem		Suggestion
	Name does not contain glossary terms		Define name as term in glossary
Type	Message		
Sequence Number	3.3.1		
Asynchronous	false		

supprime le livre de la base de données : Message			
From	Name		Value
	End Model Element		 Gestion de bibliotheque
	Author		khali
	Create Date Time		13/04/2023 02:39:01 #
Transit From	supprime le livre de la base de données		
Author	khali		
Create Date Time	13/04/2023 02:39:01 #		
Last Modified	13/04/2023 02:46:15 #		
Quality Score	Fair		

Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	3.2.1	
Asynchronous	false	


demandant une confirmation de la suppression : Message		
From	Name	Value
	End Model Element	 Gestion de bibliotheque
	Author	khali
	Create Date Time	13/04/2023 02:39:01 #
Transit From	demandant une confirmation de la suppression	
Author	khali	
Create Date Time	13/04/2023 02:39:01 #	
Last Modified	13/04/2023 02:46:15 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	3.1	
Asynchronous	false	


Gestion de bibliotheque


Name	Value	
Transit From	Flow of Events	
Author	khali	
Create Date Time	13/04/2023 02:39:00 #	
Last Modified	13/04/2023 02:46:15 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Multiplicity	Unspecified	
Active	false	
Stopped	false	
Multi Object	false	

Relationships

annule la suppression : Message


To	Name	Value
	End Model Element	 Bibliothecaire
	Author	khali
	Create Date Time	13/04/2023 02:39:01 #
Transit From	annule la suppression	
Author	khali	
Create Date Time	13/04/2023 02:39:01 #	
Last Modified	13/04/2023 02:46:15 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	3.3.1	
Asynchronous	false	

vérifie si le livre existe dans la base de données : Message		
To	Name	Value
	End Model Element	 Gestion de bibliotheque
	Author	khali
	Create Date Time	13/04/2023 02:39:45 #
Author	khali	
Create Date Time	13/04/2023 02:39:45 #	
Last Modified	13/04/2023 02:46:15 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Self Message	
Sequence Number	2	
Asynchronous	false	


supprime le livre de la base de données : Message		
To	Name	Value
	End Model Element	 Bibliothecaire
	Author	khali
	Create Date Time	13/04/2023 02:39:01 #
Transit From	supprime le livre de la base de données	
Author	khali	
Create Date Time	13/04/2023 02:39:01 #	
Last Modified	13/04/2023 02:46:15 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Type	Message
Sequence Number	3.2.1
Asynchronous	false


demandant une confirmation de la suppression : Message

To	Name	Value
	End Model Element	 Bibliothecaire
	Author	khali
	Create Date Time	13/04/2023 02:39:01 #
Transit From	demandant une confirmation de la suppression	
Author	khali	
Create Date Time	13/04/2023 02:39:01 #	
Last Modified	13/04/2023 02:46:15 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	3.1	
Asynchronous	false	

affiche un message d'erreur : Message

To	Name	Value
	End Model Element	 Bibliothecaire
	Author	khali
	Create Date Time	13/04/2023 02:39:01 #
Transit From	affiche un message d'erreur	
Author	khali	
Create Date Time	13/04/2023 02:39:01 #	
Last Modified	13/04/2023 02:46:15 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	4.1	
Asynchronous	false	

sélectionne le livre à supprimer : Message

From	Name	Value
	End Model Element	 Bibliothecaire
	Author	khali
	Create Date Time	13/04/2023 02:39:00 #
Transit From	sélectionne le livre à supprimer	

Author	khali	
Create Date Time	13/04/2023 02:39:00 #	
Last Modified	13/04/2023 02:46:15 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	1	
Asynchronous	false	



if

Name	Value	
Transit From	confirme la suppression	
Author	khali	
Create Date Time	13/04/2023 02:39:01 #	
Last Modified	13/04/2023 02:46:15 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Guard	Name	Value
	Author	khali
	Create Date Time	13/04/2023 02:39:01 #
	Constraint	confirme la suppression



else


Name	Value	
Transit From		
Author	khali	
Create Date Time	13/04/2023 02:39:01 #	
Last Modified	13/04/2023 02:46:15 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Guard	Name	Value
	Author	khali
	Create Date Time	13/04/2023 02:39:01 #
	Constraint	else



if

Name	Value	
Transit From	livre existe	
Author	khali	
Create Date Time	13/04/2023 02:39:01 #	
Last Modified	13/04/2023 02:46:15 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Guard	Name	Value
	Author	khali
	Create Date Time	13/04/2023 02:39:01 #
	Constraint	livre existe

Children

Name	Documentation
 if confirme la suppression	



if confirme la suppression

Name	Value	
Transit From	confirme la suppression	
Author	khali	
Create Date Time	13/04/2023 02:39:01 #	
Last Modified	13/04/2023 02:46:15 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Operator Kind	alt	

Interaction Operands

Value
if
else

Covered LifeLines

Name	Documentation
 Bibliotecaire	
 Gestion de bibliotheque	

else

Name	Value	
Transit From		
Author	khali	
Create Date Time	13/04/2023 02:39:01 #	
Last Modified	13/04/2023 02:46:15 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Guard	Name	Value
	Author	khali
	Create Date Time	13/04/2023 02:39:01 #
	Constraint	else



if livre existe

Name	Value	
Transit From	livre existe	
Author	khali	
Create Date Time	13/04/2023 02:39:01 #	
Last Modified	13/04/2023 02:46:15 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Operator Kind	alt	

Interaction Operands

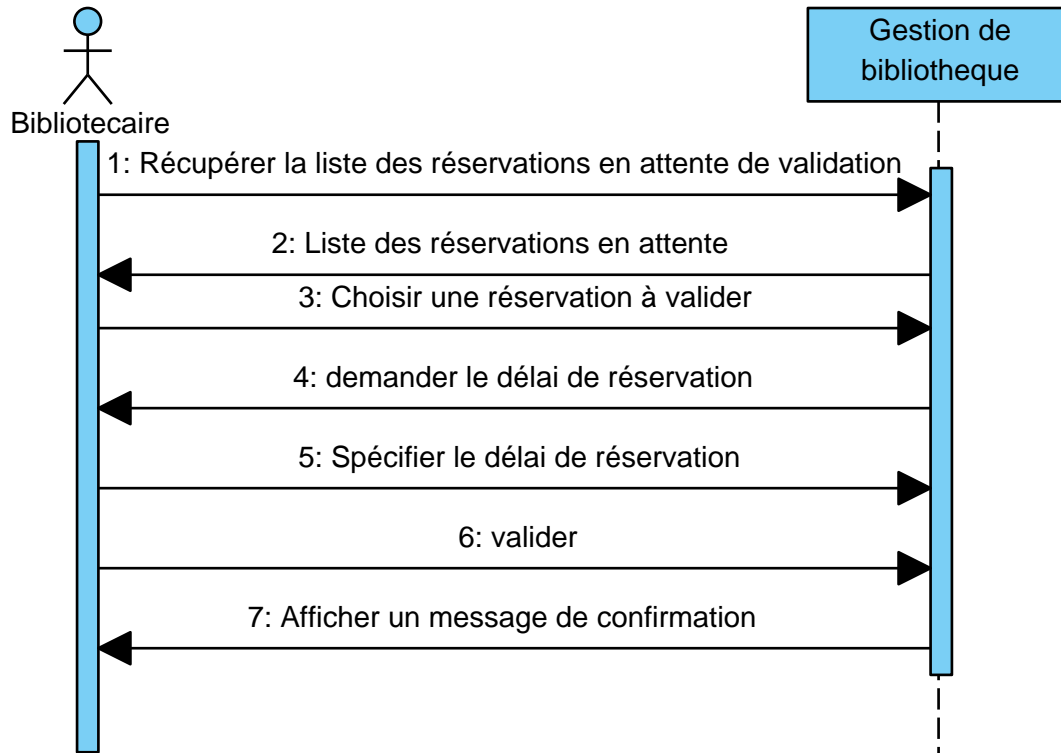
Value
if
else

Covered LifeLines

Name	Documentation
 Bibliotecaire	
 Gestion de bibliotheque	

Sequence Diagram

Valider l'emprunt - Flow of Events



Name	Value
Name	Valider l'emprunt - Flow of Events
Author	khali
Create Date Time	13/04/2023 02:57:27 #
Last Modified	13/04/2023 04:05:25 #
Sync Diagram Element Ids	fmfRHuGGAqACBBJg, dmfRHuGGAqACBBJW, dmfRHuGGAqACBBI2, dmfRHuGGAqACBBJM, fmfRHuGGAqACBBJb, dmfRHuGGAqACBBJH, dmfRHuGGAqACBBI5, dmfRHuGGAqACBBJR, dmfRHuGGAqACBBJC

Summary

Name	Documentation
 Bibliotecaire	
 Gestion de bibliotheque	


Details




Bibliothecaire


Name	Value	
Transit From	Flow of Events	
Author	khali	
Create Date Time	13/04/2023 02:57:27 #	
Last Modified	13/04/2023 03:04:19 #	
Visibility	public	
Abstract	false	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Active	false	
Business Model	false	


Relationships

Récupérer la liste des réservations en attente de validation : Message		
To	Name	Value
	End Model Element	 Gestion de bibliotheque
	Author	khali
	Create Date Time	13/04/2023 02:57:27 #
Transit From	Récupérer la liste des réservations en attente de validation	
Author	khali	
Create Date Time	13/04/2023 02:57:27 #	
Last Modified	13/04/2023 03:04:19 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	1	
Asynchronous	false	


Choisir une réservation à valider : Message		
To	Name	Value
	End Model Element	 Gestion de bibliotheque
	Author	khali
	Create Date Time	13/04/2023 02:57:27 #
Transit From	Choisir une réservation à valider	
Author	khali	
Create Date Time	13/04/2023 02:57:27 #	


Last Modified	13/04/2023 03:04:19 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	3	
Asynchronous	false	


Spécifier le délai de réservation : Message		
To	Name	Value
	End Model Element	 Gestion de bibliotheque
	Author	khali
	Create Date Time	13/04/2023 02:57:27 #
Transit From	Spécifier le délai de réservation	
Author	khali	
Create Date Time	13/04/2023 02:57:27 #	
Last Modified	13/04/2023 03:04:19 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	5	
Asynchronous	false	

valider : Message		
To	Name	Value
	End Model Element	 Gestion de bibliotheque
	Author	khali
	Create Date Time	13/04/2023 02:57:27 #
Transit From	valider	
Author	khali	
Create Date Time	13/04/2023 02:57:27 #	
Last Modified	13/04/2023 03:04:19 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	6	
Asynchronous	false	

Liste des réservations en attente : Message

From	Name		Value
	End Model Element		 Gestion de bibliotheque
	Author		khali
	Create Date Time		13/04/2023 02:57:27 #
Transit From	Liste des réservations en attente		
Author	khali		
Create Date Time	13/04/2023 02:57:27 #		
Last Modified	13/04/2023 03:04:19 #		
Quality Score	Fair		
Quality Reason	Problem		Suggestion
	Name does not contain glossary terms		Define name as term in glossary
Type	Message		
Sequence Number	2		
Asynchronous	false		

demander le délai de réservation : Message			
From	Name		Value
	End Model Element		 Gestion de bibliotheque
	Author		khali
	Create Date Time		13/04/2023 02:57:27 #
Transit From	demander le délai de réservation		
Author	khali		
Create Date Time	13/04/2023 02:57:27 #		
Last Modified	13/04/2023 03:04:19 #		
Quality Score	Fair		
Quality Reason	Problem		Suggestion
	Name does not contain glossary terms		Define name as term in glossary
Type	Message		
Sequence Number	4		
Asynchronous	false		

Afficher un message de confirmation : Message			
From	Name		Value
	End Model Element		 Gestion de bibliotheque
	Author		khali
	Create Date Time		13/04/2023 02:57:27 #
Transit From	Afficher un message de confirmation		
Author	khali		
Create Date Time	13/04/2023 02:57:27 #		
Last Modified	13/04/2023 03:04:19 #		
Quality Score	Fair		


Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	7	
Asynchronous	false	




Gestion de bibliotheque


Name	Value	
Transit From	Flow of Events	
Author	khali	
Create Date Time	13/04/2023 02:57:27 #	
Last Modified	13/04/2023 03:04:19 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Multiplicity	Unspecified	
Active	false	
Stopped	false	
Multi Object	false	


Relationships

Liste des réservations en attente : Message		
To	Name	Value
	End Model Element	 Bibliotecaire
	Author	khali
	Create Date Time	13/04/2023 02:57:27 #
Transit From	Liste des réservations en attente	
Author	khali	
Create Date Time	13/04/2023 02:57:27 #	
Last Modified	13/04/2023 03:04:19 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	2	
Asynchronous	false	


demander le délai de réservation : Message
--


To	Name		Value
	End Model Element		 Bibliothecaire
	Author		khali
	Create Date Time		13/04/2023 02:57:27 #
Transit From	demander le délai de réservation		
Author	khali		
Create Date Time	13/04/2023 02:57:27 #		
Last Modified	13/04/2023 03:04:19 #		
Quality Score	Fair		
Quality Reason	Problem		Suggestion
	Name does not contain glossary terms		Define name as term in glossary
Type	Message		
Sequence Number	4		
Asynchronous	false		

Afficher un message de confirmation : Message			
To	Name		Value
	End Model Element		 Bibliothecaire
	Author		khali
	Create Date Time		13/04/2023 02:57:27 #
Transit From	Afficher un message de confirmation		
Author	khali		
Create Date Time	13/04/2023 02:57:27 #		
Last Modified	13/04/2023 03:04:19 #		
Quality Score	Fair		
Quality Reason	Problem		Suggestion
	Name does not contain glossary terms		Define name as term in glossary
Type	Message		
Sequence Number	7		
Asynchronous	false		


Récupérer la liste des réservations en attente de validation : Message			
From	Name		Value
	End Model Element		 Bibliothecaire
	Author		khali
	Create Date Time		13/04/2023 02:57:27 #
Transit From	Récupérer la liste des réservations en attente de validation		
Author	khali		
Create Date Time	13/04/2023 02:57:27 #		
Last Modified	13/04/2023 03:04:19 #		
Quality Score	Fair		

Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	1	
Asynchronous	false	

Choisir une réservation à valider : Message		
From	Name	Value
	End Model Element	 Bibliotecaire
	Author	khali
	Create Date Time	13/04/2023 02:57:27 #
Transit From	Choisir une réservation à valider	
Author	khali	
Create Date Time	13/04/2023 02:57:27 #	
Last Modified	13/04/2023 03:04:19 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	3	
Asynchronous	false	

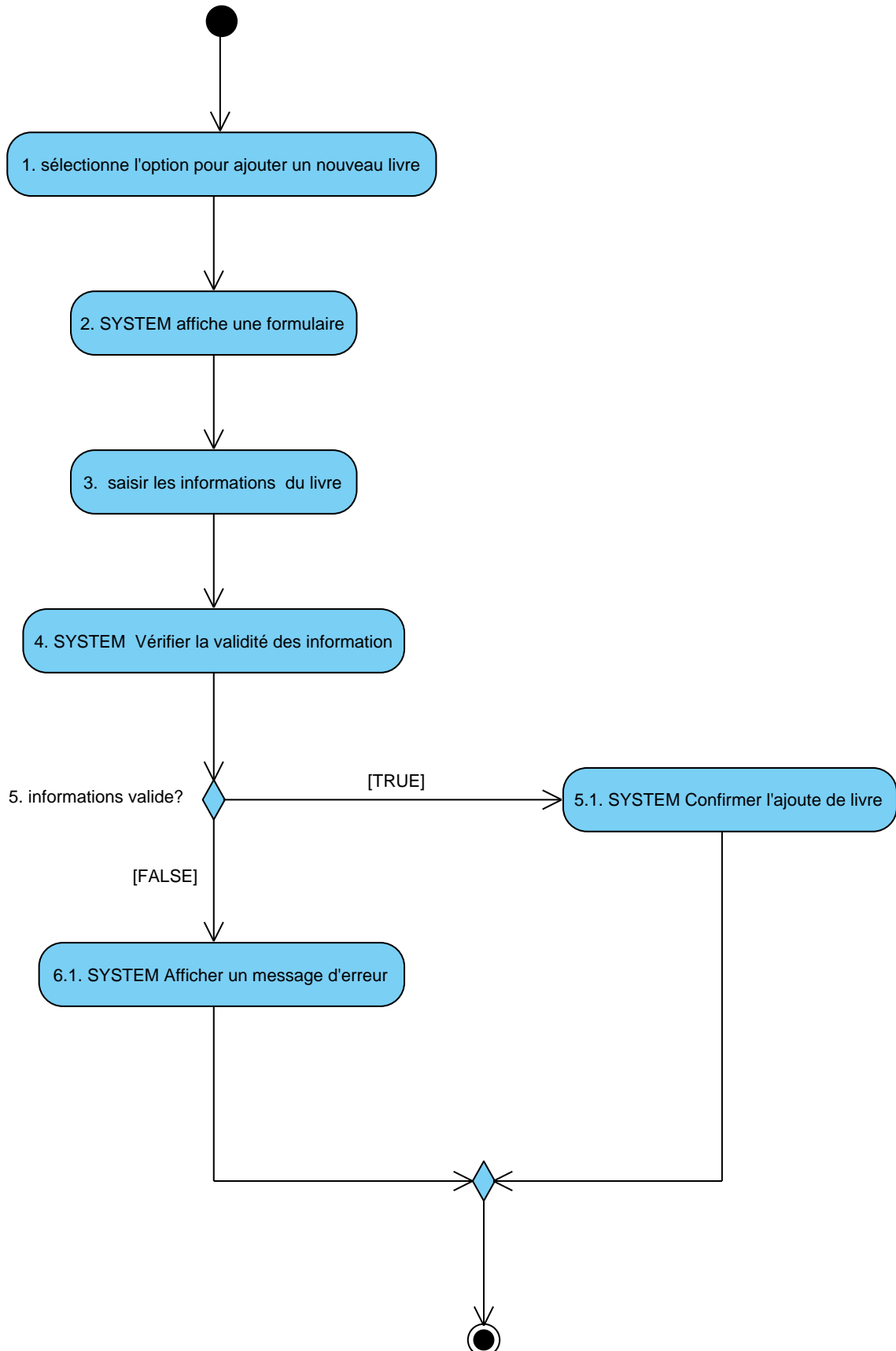
Spécifier le délai de réservation : Message		
From	Name	Value
	End Model Element	 Bibliotecaire
	Author	khali
	Create Date Time	13/04/2023 02:57:27 #
Transit From	Spécifier le délai de réservation	
Author	khali	
Create Date Time	13/04/2023 02:57:27 #	
Last Modified	13/04/2023 03:04:19 #	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	5	
Asynchronous	false	

valider : Message

From	Name		Value
	End Model Element		 Bibliotecaire
	Author		khali
	Create Date Time		13/04/2023 02:57:27 #
Transit From	valider		
Author	khali		
Create Date Time	13/04/2023 02:57:27 #		
Last Modified	13/04/2023 03:04:19 #		
Quality Score	Fair		
Quality Reason	Problem		Suggestion
	Name does not contain glossary terms		Define name as term in glossary
Type	Message		
Sequence Number	6		
Asynchronous	false		








Activity Diagram

Ajouter un livre - Flow of Events




Name	Value
Name	Ajouter un livre - Flow of Events
Author	khali
Create Date Time	13/04/2023 02:23:47 #
Last Modified	13/04/2023 04:05:30 #
Sync Diagram Element Ids	Wki2HuGGAqACBA8V, 0Ki2HuGGAqACBA8A, Pyi2HuGGAqACBA7c, Pyi2HuGGAqACBA7f, 0Ki2HuGGAqACBA8D, 0Ki2HuGGAqACBA7x, Wki2HuGGAqACBA8M, Pyi2HuGGAqACBA7W, 0Ki2HuGGAqACBA73, Wki2HuGGAqACBA8P, Pyi2HuGGAqACBA7Z, 0Ki2HuGGAqACBA7u, 0Ki2HuGGAqACBA70, Wki2HuGGAqACBA8S, 0Ki2HuGGAqACBA79, 0Ki2HuGGAqACBA7o, 0Ki2HuGGAqACBA7r, 0Ki2HuGGAqACBA76, Pyi2HuGGAqACBA7i, 0Ki2HuGGAqACBA8G, 0Ki2HuGGAqACBA8J, 0Ki2HuGGAqACBA7I

Summary

Name	Documentation
 1. sélectionne l'option pour ajouter un nouveau livre	
 2. SYSTEM affiche une formulaire	
 3. saisir les informations du livre	
 4. SYSTEM Vérifier la validité des information	
 5. informations valide?	
 5.1. SYSTEM Confirmer l'ajoute de livre	
 6.1. SYSTEM Afficher un message d'erreur	

Details



● N/A

Name	Value
Transit From	Flow of Events
Transit To	 N/A (<unnamed> -> 1. sélectionne l'option pour ajouter un nouveau livre)
Author	khali
Create Date Time	13/04/2023 02:23:47 #
Last Modified	13/04/2023 02:46:15 #
Must Isolate	false
Leaf	false
Visibility	Unspecified
Quality Score	Good




Relationships




Unnamed Control Flow	
To	 1. sélectionne l'option pour ajouter un nouveau livre
Transit From	 N/A
Transit To	 1. sélectionne l'option pour ajouter un nouveau livre
Author	khali
Create Date Time	13/04/2023 02:23:47 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

1. sélectionne l'option pour ajouter un nouveau livre



Name	Value	
Transit From	Value	
	sélectionne l'option pour ajouter un nouveau livre	
	 Ajouter un livre - Flow of Events.(<unnamed> -> 1. sélectionne l'option pour ajouter un nouveau livre)	
Transit To	 N/A (1. sélectionne l'option pour ajouter un nouveau livre -> 2. SYSTEM affiche une formulaire)	
Author	khali	
Create Date Time	13/04/2023 02:23:47 #	
Last Modified	13/04/2023 02:46:15 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	 2. SYSTEM affiche une formulaire
Transit From	 1. sélectionne l'option pour ajouter un nouveau livre
Transit To	 2. SYSTEM affiche une formulaire
Author	khali
Create Date Time	13/04/2023 02:23:47 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	 N/A
Transit From	 N/A
Transit To	 1. sélectionne l'option pour ajouter un nouveau livre
Author	khali
Create Date Time	13/04/2023 02:23:47 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

2. SYSTEM affiche une formulaire



Name	Value	
Transit From	Value	
	affiche une formulaire	
	 Ajouter un livre - Flow of Events.(1. sélectionne l'option pour ajouter un nouveau livre -> 2. SYSTEM affiche une formulaire)	
Transit To	 N/A (2. SYSTEM affiche une formulaire -> 3. saisir les informations du livre)	
Author	khali	
Create Date Time	13/04/2023 02:23:47 #	
Last Modified	13/04/2023 02:46:15 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships

Unnamed Control Flow	
To	 3. saisir les informations du livre
Transit From	 2. SYSTEM affiche une formulaire
Transit To	 3. saisir les informations du livre
Author	khali
Create Date Time	13/04/2023 02:23:47 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

Unnamed Control Flow	
From	 1. sélectionne l'option pour ajouter un nouveau livre
Transit From	 1. sélectionne l'option pour ajouter un nouveau livre
Transit To	 2. SYSTEM affiche une formulaire
Author	khali
Create Date Time	13/04/2023 02:23:47 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

3. saisir les informations du livre

Name	Value	
Transit From	Value	
	saisir les informations du livre	
	 Ajouter un livre - Flow of Events.(2. SYSTEM affiche une formulaire -> 3. saisir les informations du livre)	
Transit To	 N/A (3. saisir les informations du livre -> 4. SYSTEM Vérifier la validité des information)	
Author	khali	
Create Date Time	13/04/2023 02:23:47 #	
Last Modified	13/04/2023 02:46:15 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	4. SYSTEM Vérifier la validité des information
Transit From	3. saisir les informations du livre
Transit To	4. SYSTEM Vérifier la validité des information
Author	khali
Create Date Time	13/04/2023 02:23:47 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	2. SYSTEM affiche une formulaire
Transit From	2. SYSTEM affiche une formulaire
Transit To	3. saisir les informations du livre
Author	khali
Create Date Time	13/04/2023 02:23:47 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

4. SYSTEM Vérifier la validité des information




Name	Value	
Transit From	Value	
	Vérifier la validité des information	
	CF Ajouter un livre - Flow of Events.(3. saisir les informations du livre -> 4. SYSTEM Vérifier la validité des information)	
Transit To	CF N/A (4. SYSTEM Vérifier la validité des information -> 5. informations valide?)	
Author	khali	
Create Date Time	13/04/2023 02:23:47 #	
Last Modified	13/04/2023 02:46:15 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	 5. informations valide?
Transit From	 4. SYSTEM Vérifier la validité des information
Transit To	 5. informations valide?
Author	khali
Create Date Time	13/04/2023 02:23:47 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

Unnamed Control Flow	
From	 3. saisir les informations du livre
Transit From	 3. saisir les informations du livre
Transit To	 4. SYSTEM Vérifier la validité des information
Author	khali
Create Date Time	13/04/2023 02:23:47 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

5. informations valide?

Name	Value	
Transit From	Value	
	informations valide	
	 Ajouter un livre - Flow of Events.(4. SYSTEM Vérifier la validité des information -> 5. informations valide?)	
Transit To	Value	
	 Ajouter un livre - Flow of Events.(5. informations valide? -> 5.1. SYSTEM Confirmer l'ajoute de livre)	
	 Ajouter un livre - Flow of Events.(5. informations valide? -> 6.1. SYSTEM Afficher un message d'erreur)	
Author	khali	
Create Date Time	13/04/2023 02:23:47 #	
Last Modified	13/04/2023 02:46:15 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships

Unnamed Control Flow	
To	 5.1. SYSTEM Confirmer l'ajoute de livre
Transit From	 5. informations valide?
Transit To	 5.1. SYSTEM Confirmer l'ajoute de livre
Author	khali
Create Date Time	13/04/2023 02:23:47 #
Last Modified	13/04/2023 02:46:15 #
Guard	TRUE
Leaf	false
Visibility	Unspecified
Quality Score	Good

Unnamed Control Flow	
To	6.1. SYSTEM Afficher un message d'erreur
Transit From	5. informations valide?
Transit To	6.1. SYSTEM Afficher un message d'erreur
Author	khali
Create Date Time	13/04/2023 02:23:47 #
Last Modified	13/04/2023 02:46:15 #
Guard	FALSE
Leaf	false
Visibility	Unspecified
Quality Score	Good

Unnamed Control Flow	
From	4. SYSTEM Vérifier la validité des information
Transit From	4. SYSTEM Vérifier la validité des information
Transit To	5. informations valide?
Author	khali
Create Date Time	13/04/2023 02:23:47 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

5.1. SYSTEM Confirmer l'ajoute de livre

Name	Value	
Transit From	Value	
	Confirmer l'ajoute de livre	
	Ajouter un livre - Flow of Events.(5. informations valide? -> 5.1. SYSTEM Confirmer l'ajoute de livre)	
Transit To	N/A (5.1. SYSTEM Confirmer l'ajoute de livre -> <unnamed>)	
Author	khali	
Create Date Time	13/04/2023 02:23:47 #	
Last Modified	13/04/2023 02:46:15 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	N/A
Transit From	5.1. SYSTEM Confirmer l'ajoute de livre
Transit To	N/A
Author	khali
Create Date Time	13/04/2023 02:23:47 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	5. informations valide?
Transit From	5. informations valide?
Transit To	5.1. SYSTEM Confirmer l'ajoute de livre
Author	khali
Create Date Time	13/04/2023 02:23:47 #
Last Modified	13/04/2023 02:46:15 #
Guard	TRUE
Leaf	false
Visibility	Unspecified
Quality Score	Good

6.1. SYSTEM Afficher un message d'erreur



Name	Value	
Transit From	Value	
	Afficher un message d'erreur	
	Ajouter un livre - Flow of Events.(5. informations valide? -> 6.1. SYSTEM Afficher un message d'erreur)	
Transit To	N/A (6.1. SYSTEM Afficher un message d'erreur -> <unnamed>)	
Author	khali	
Create Date Time	13/04/2023 02:23:47 #	
Last Modified	13/04/2023 02:46:15 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	 N/A
Transit From	 6.1. SYSTEM Afficher un message d'erreur
Transit To	 N/A
Author	khali
Create Date Time	13/04/2023 02:23:47 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	 5. informations valide?
Transit From	 5. informations valide?
Transit To	 6.1. SYSTEM Afficher un message d'erreur
Author	khali
Create Date Time	13/04/2023 02:23:47 #
Last Modified	13/04/2023 02:46:15 #
Guard	FALSE
Leaf	false
Visibility	Unspecified
Quality Score	Good

 N/A

Name	Value
Transit From	Value
	informations valide
	 Ajouter un livre - Flow of Events.(5.1. SYSTEM Confirmer l'ajoute de livre - > <unnamed>)
	 Ajouter un livre - Flow of Events.(6.1. SYSTEM Afficher un message d'erreur -> <unnamed>)
Author	khali
Create Date Time	13/04/2023 02:23:47 #
Last Modified	13/04/2023 02:46:15 #
Must Isolate	false
Leaf	false
Visibility	Unspecified
Quality Score	Good

Relationships

Unnamed Control Flow	
From	 5.1. SYSTEM Confirmer l'ajoute de livre
Transit From	 5.1. SYSTEM Confirmer l'ajoute de livre
Transit To	 N/A
Author	khali
Create Date Time	13/04/2023 02:23:47 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

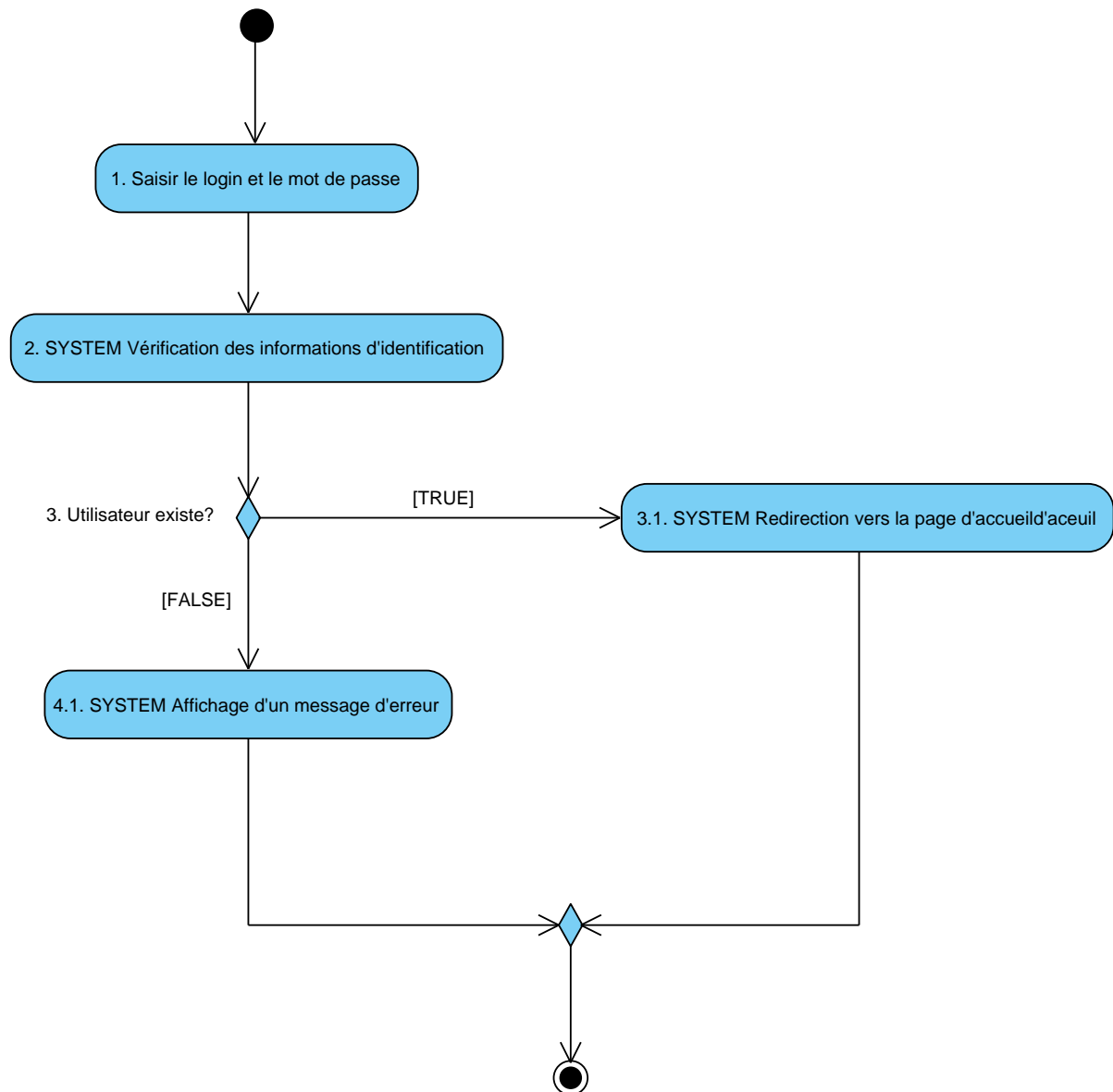
Unnamed Control Flow	
From	 6.1. SYSTEM Afficher un message d'erreur
Transit From	 6.1. SYSTEM Afficher un message d'erreur
Transit To	 N/A
Author	khali
Create Date Time	13/04/2023 02:23:47 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

 N/A

Name	Value
Transit From	Flow of Events
Author	khali
Create Date Time	13/04/2023 02:23:47 #
Last Modified	13/04/2023 02:46:15 #
Must Isolate	false
Leaf	false
Visibility	Unspecified
Quality Score	Good






Activity Diagram

Athentification - Flow of Events




Name	Value
Name	Athentification - Flow of Events
Author	khali
Create Date Time	13/04/2023 02:21:39 #
Last Modified	13/04/2023 04:05:26 #
Sync Diagram Element Ids	H4TWHuGGAqACBA5y, 4ETWHuGGAqACBA6J, F4TWHuGGAqACBA5u, 4ETWHuGGAqACBA6D, 4ETWHuGGAqACBA6G, 6ETWHuGGAqACBA6g, 4ETWHuGGAqACBA6P, 4ETWHuGGAqACBA6M, 4ETWHuGGAqACBA52, 6ETWHuGGAqACBA6d, 4ETWHuGGAqACBA6Z, 4ETWHuGGAqACBA55, 4ETWHuGGAqACBA6T, 4ETWHuGGAqACBA58, 4ETWHuGGAqACBA6W, 4ETWHuGGAqACBA6A

Summary




Name	Documentation
 1. Saisir le login et le mot de passe	
 2. SYSTEM Vérification des informations d'identification	
 3. Utilisateur existe?	
 3.1. SYSTEM Redirection vers la page d'accueil d'accueil	
 4.1. SYSTEM Affichage d'un message d'erreur	

Details



 N/A

Name	Value
Transit From	Flow of Events
Transit To	 N/A (<unnamed> -> 1. Saisir le login et le mot de passe)
Author	khali
Create Date Time	13/04/2023 02:21:39 #
Last Modified	13/04/2023 02:46:15 #
Must Isolate	false
Leaf	false
Visibility	Unspecified
Quality Score	Good




Relationships




Unnamed Control Flow	
To	 1. Saisir le login et le mot de passe
Transit From	 N/A
Transit To	 1. Saisir le login et le mot de passe
Author	khali
Create Date Time	13/04/2023 02:21:39 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

1. Saisir le login et le mot de passe



Name	Value	
Transit From	Value	
	Saisir le login et le mot de passe	
	 Authentification - Flow of Events.(<unnamed> -> 1. Saisir le login et le mot de passe)	
Transit To	 N/A (1. Saisir le login et le mot de passe -> 2. SYSTEM Vérification des informations d'identification)	
Author	khali	
Create Date Time	13/04/2023 02:21:39 #	
Last Modified	13/04/2023 02:46:15 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	 2. SYSTEM Vérification des informations d'identification
Transit From	 1. Saisir le login et le mot de passe
Transit To	 2. SYSTEM Vérification des informations d'identification
Author	khali
Create Date Time	13/04/2023 02:21:39 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	 N/A
Transit From	 N/A
Transit To	 1. Saisir le login et le mot de passe
Author	khali
Create Date Time	13/04/2023 02:21:39 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

2. SYSTEM Vérification des informations d'identification




Name	Value	
Transit From	Value	
	Vérification des informations d'identification	
	 Authentification - Flow of Events.(1. Saisir le login et le mot de passe -> 2. SYSTEM Vérification des informations d'identification)	
Transit To	 N/A (2. SYSTEM Vérification des informations d'identification -> 3. Utilisateur existe?)	
Author	khali	
Create Date Time	13/04/2023 02:21:39 #	
Last Modified	13/04/2023 02:46:15 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	 3. Utilisateur existe?
Transit From	 2. SYSTEM Vérification des informations d'identification
Transit To	 3. Utilisateur existe?
Author	khali
Create Date Time	13/04/2023 02:21:39 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

Unnamed Control Flow	
From	 1. Saisir le login et le mot de passe
Transit From	 1. Saisir le login et le mot de passe
Transit To	 2. SYSTEM Vérification des informations d'identification
Author	khali
Create Date Time	13/04/2023 02:21:39 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

3. Utilisateur existe?

Name	Value	
Transit From	Value	
	Utilisateur existe	
	 Authentification - Flow of Events.(2. SYSTEM Vérification des informations d'identification -> 3. Utilisateur existe?)	
Transit To	Value	
	 Authentification - Flow of Events.(3. Utilisateur existe? -> 3.1. SYSTEM Redirection vers la page d'accueil d'aceuil)	
	 Authentification - Flow of Events.(3. Utilisateur existe? -> 4.1. SYSTEM Affichage d'un message d'erreur)	
Author	khali	
Create Date Time	13/04/2023 02:21:39 #	
Last Modified	13/04/2023 02:46:15 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships

Unnamed Control Flow	
To	 3.1. SYSTEM Redirection vers la page d'accueil d'aceuil
Transit From	 3. Utilisateur existe?
Transit To	 3.1. SYSTEM Redirection vers la page d'accueil d'aceuil
Author	khali
Create Date Time	13/04/2023 02:21:39 #
Last Modified	13/04/2023 02:46:15 #
Guard	TRUE
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
To	4.1. SYSTEM Affichage d'un message d'erreur
Transit From	3. Utilisateur existe?
Transit To	4.1. SYSTEM Affichage d'un message d'erreur
Author	khali
Create Date Time	13/04/2023 02:21:39 #
Last Modified	13/04/2023 02:46:15 #
Guard	FALSE
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	2. SYSTEM Vérification des informations d'identification
Transit From	2. SYSTEM Vérification des informations d'identification
Transit To	3. Utilisateur existe?
Author	khali
Create Date Time	13/04/2023 02:21:39 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

3.1. SYSTEM Redirection vers la page d'accueil d'accueil



Name	Value	
Transit From	Value	
	Redirection vers la page d'accueil d'accueil	
	CF Athentification - Flow of Events.(3. Utilisateur existe? -> 3.1. SYSTEM Redirection vers la page d'accueil d'accueil)	
Transit To	CF N/A (3.1. SYSTEM Redirection vers la page d'accueil d'accueil -> <unnamed>)	
Author	khali	
Create Date Time	13/04/2023 02:21:39 #	
Last Modified	13/04/2023 02:46:15 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	 N/A
Transit From	 3.1. SYSTEM Redirection vers la page d'accueil
Transit To	 N/A
Author	khali
Create Date Time	13/04/2023 02:21:39 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	 3. Utilisateur existe?
Transit From	 3. Utilisateur existe?
Transit To	 3.1. SYSTEM Redirection vers la page d'accueil
Author	khali
Create Date Time	13/04/2023 02:21:39 #
Last Modified	13/04/2023 02:46:15 #
Guard	TRUE
Leaf	false
Visibility	Unspecified
Quality Score	Good

4.1. SYSTEM Affichage d'un message d'erreur

Name	Value	
Transit From	Value	
	Affichage d'un message d'erreur	
	 Authentification - Flow of Events.(3. Utilisateur existe? -> 4.1. SYSTEM Affichage d'un message d'erreur)	
Transit To	 N/A (4.1. SYSTEM Affichage d'un message d'erreur -> <unnamed>)	
Author	khali	
Create Date Time	13/04/2023 02:21:39 #	
Last Modified	13/04/2023 02:46:15 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships

Unnamed Control Flow	
To	 N/A
Transit From	 4.1. SYSTEM Affichage d'un message d'erreur
Transit To	 N/A
Author	khali
Create Date Time	13/04/2023 02:21:39 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

Unnamed Control Flow	
From	 3. Utilisateur existe?
Transit From	 3. Utilisateur existe?
Transit To	 4.1. SYSTEM Affichage d'un message d'erreur
Author	khali
Create Date Time	13/04/2023 02:21:39 #
Last Modified	13/04/2023 02:46:15 #
Guard	FALSE
Leaf	false
Visibility	Unspecified
Quality Score	Good




Name	Value
Transit From	Value
	Utilisateur existe
	CF Authentification - Flow of Events.(3.1. SYSTEM Redirection vers la page d'accueil d'aceuil -> <unnamed>)
	CF Authentification - Flow of Events.(4.1. SYSTEM Affichage d'un message d'erreur -> <unnamed>)
Transit To	CF N/A (<unnamed> -> <unnamed>)
Author	khali
Create Date Time	13/04/2023 02:21:39 #
Last Modified	13/04/2023 02:46:15 #
Must Isolate	false
Leaf	false
Visibility	Unspecified
Quality Score	Good

Relationships

Unnamed Control Flow	
From	3.1. SYSTEM Redirection vers la page d'accueil d'aceuil
Transit From	3.1. SYSTEM Redirection vers la page d'accueil d'aceuil
Transit To	N/A
Author	khali
Create Date Time	13/04/2023 02:21:39 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

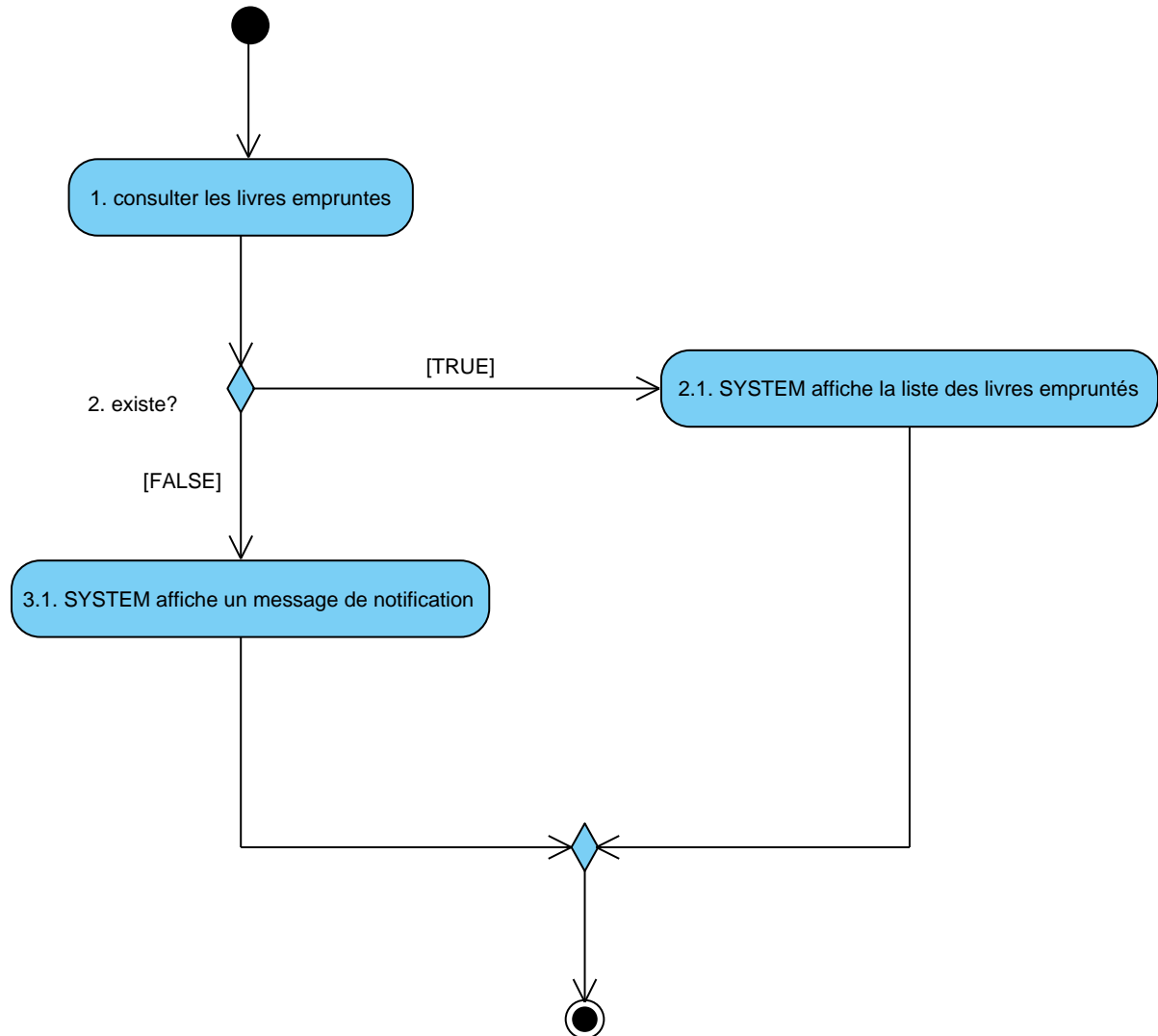
Unnamed Control Flow	
From	4.1. SYSTEM Affichage d'un message d'erreur
Transit From	4.1. SYSTEM Affichage d'un message d'erreur
Transit To	N/A
Author	khali
Create Date Time	13/04/2023 02:21:39 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good



Name	Value
Transit From	Value
	Flow of Events
	 Authentification - Flow of Events.(<unnamed> -> <unnamed>)
Author	khali
Create Date Time	13/04/2023 02:21:39 #
Last Modified	13/04/2023 02:46:15 #
Must Isolate	false
Leaf	false
Visibility	Unspecified
Quality Score	Good

Activity Diagram





Consulter les livres empruntés - Flow of Events



Name	Value
Name	Consulter les livres empruntés - Flow of Events
Author	khali
Create Date Time	13/04/2023 03:58:27 #
Last Modified	13/04/2023 03:59:52 #
Sync Diagram Element Ids	HIPDHuGGAqACBBb3, FIPDHuGGAqACBBbc, HIPDHuGGAqACBBb0, FIPDHuGGAqACBBbf, HIPDHuGGAqACBBb6, HIPDHuGGAqACBBb9, FIPDHuGGAqACBBbi, HIPDHuGGAqACBBbx, HIPDHuGGAqACBBcD, HIPDHuGGAqACBBcA, FIPDHuGGAqACBBbl, FIPDHuGGAqACBBbo, HIPDHuGGAqACBBbu, HIPDHuGGAqACBBbr


Summary

Name	Documentation
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 1. consulter les livres empruntes	
 2. existe?	
 2.1. SYSTEM affiche la liste des livres empruntés	
 3.1. SYSTEM affiche un message de notification	

Details



 N/A

Name	Value
Transit From	Flow of Events
Transit To	 N/A (<unnamed> -> 1. consulter les livres empruntes)
Author	khali
Create Date Time	13/04/2023 03:58:27 #
Last Modified	13/04/2023 10:30:49 #
Must Isolate	false
Leaf	false
Visibility	Unspecified
Quality Score	Good

Relationships




Unnamed Control Flow	
To	 1. consulter les livres empruntes
Transit From	 N/A
Transit To	 1. consulter les livres empruntes
Author	khali
Create Date Time	13/04/2023 03:58:27 #
Last Modified	13/04/2023 10:30:49 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

1. consulter les livres empruntes




Name	Value	
Transit From	Value	
	consulter les livres empruntes	
	 Consulter les livres empruntés - Flow of Events.(<unnamed> -> 1. consulter les livres empruntes)	
Transit To	 N/A (1. consulter les livres empruntes -> 2. existe?)	
Author	khali	
Create Date Time	13/04/2023 03:58:27 #	
Last Modified	13/04/2023 10:30:49 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	 2. existe?
Transit From	 1. consulter les livres empruntes
Transit To	 2. existe?
Author	khali
Create Date Time	13/04/2023 03:58:27 #
Last Modified	13/04/2023 10:30:49 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	 N/A
Transit From	 N/A
Transit To	 1. consulter les livres empruntes
Author	khali
Create Date Time	13/04/2023 03:58:27 #
Last Modified	13/04/2023 10:30:49 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




2. existe?

Name	Value	
Transit From	Value	
	existe	
	 Consulter les livres empruntés - Flow of Events.(1. consulter les livres empruntés -> 2. existe?)	
Transit To	Value	
	 Consulter les livres empruntés - Flow of Events.(2. existe? -> 2.1. SYSTEM affiche la liste des livres empruntés)	
	 Consulter les livres empruntés - Flow of Events.(2. existe? -> 3.1. SYSTEM affiche un message de notification)	
Author	khali	
Create Date Time	13/04/2023 03:58:27 #	
Last Modified	13/04/2023 10:30:49 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary



Relationships

Unnamed Control Flow	
To	 2.1. SYSTEM affiche la liste des livres empruntés
Transit From	 2. existe?
Transit To	 2.1. SYSTEM affiche la liste des livres empruntés
Author	khali
Create Date Time	13/04/2023 03:58:27 #
Last Modified	13/04/2023 10:30:49 #
Guard	TRUE
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
To	 3.1. SYSTEM affiche un message de notification
Transit From	 2. existe?
Transit To	 3.1. SYSTEM affiche un message de notification
Author	khali
Create Date Time	13/04/2023 03:58:27 #
Last Modified	13/04/2023 10:30:49 #
Guard	FALSE
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	 1. consulter les livres empruntes
Transit From	 1. consulter les livres empruntes
Transit To	 2. existe?
Author	khali
Create Date Time	13/04/2023 03:58:27 #
Last Modified	13/04/2023 10:30:49 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

2.1. SYSTEM affiche la liste des livres empruntés



Name	Value	
Transit From	Value	
	affiche la liste des livres empruntés	
	 Consulter les livres empruntés - Flow of Events.(2. existe? -> 2.1. SYSTEM affiche la liste des livres empruntés)	
Transit To	 N/A (2.1. SYSTEM affiche la liste des livres empruntés -> <unnamed>)	
Author	khali	
Create Date Time	13/04/2023 03:58:27 #	
Last Modified	13/04/2023 10:30:49 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	 N/A
Transit From	 2.1. SYSTEM affiche la liste des livres empruntés
Transit To	 N/A
Author	khali
Create Date Time	13/04/2023 03:58:27 #
Last Modified	13/04/2023 10:30:49 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	 2. existe?
Transit From	 2. existe?
Transit To	 2.1. SYSTEM affiche la liste des livres empruntés
Author	khali
Create Date Time	13/04/2023 03:58:27 #
Last Modified	13/04/2023 10:30:49 #
Guard	TRUE
Leaf	false
Visibility	Unspecified
Quality Score	Good

3.1. SYSTEM affiche un message de notification

Name	Value	
Transit From	Value	
	affiche un message de notification	
	 Consulter les livres empruntés - Flow of Events.(2. existe? -> 3.1. SYSTEM affiche un message de notification)	
Transit To	 N/A (3.1. SYSTEM affiche un message de notification -> <unnamed>)	
Author	khali	
Create Date Time	13/04/2023 03:58:27 #	
Last Modified	13/04/2023 10:30:49 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	 N/A
Transit From	 3.1. SYSTEM affiche un message de notification
Transit To	 N/A
Author	khali
Create Date Time	13/04/2023 03:58:27 #
Last Modified	13/04/2023 10:30:49 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	 2. existe?
Transit From	 2. existe?
Transit To	 3.1. SYSTEM affiche un message de notification
Author	khali
Create Date Time	13/04/2023 03:58:27 #
Last Modified	13/04/2023 10:30:49 #
Guard	FALSE
Leaf	false
Visibility	Unspecified
Quality Score	Good

 N/A


Name	Value
Transit From	Value
	existe
	CF Consulter les livres empruntés - Flow of Events.(2.1. SYSTEM affiche la liste des livres empruntés -> <unnamed>)
	CF Consulter les livres empruntés - Flow of Events.(3.1. SYSTEM affiche un message de notification -> <unnamed>)
Transit To	CF N/A (<unnamed> -> <unnamed>)
Author	khali
Create Date Time	13/04/2023 03:58:27 #
Last Modified	13/04/2023 10:30:49 #
Must Isolate	false
Leaf	false
Visibility	Unspecified
Quality Score	Good

Relationships

Unnamed Control Flow	
From	 2.1. SYSTEM affiche la liste des livres empruntés
Transit From	 2.1. SYSTEM affiche la liste des livres empruntés
Transit To	 N/A
Author	khali
Create Date Time	13/04/2023 03:58:27 #
Last Modified	13/04/2023 10:30:49 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

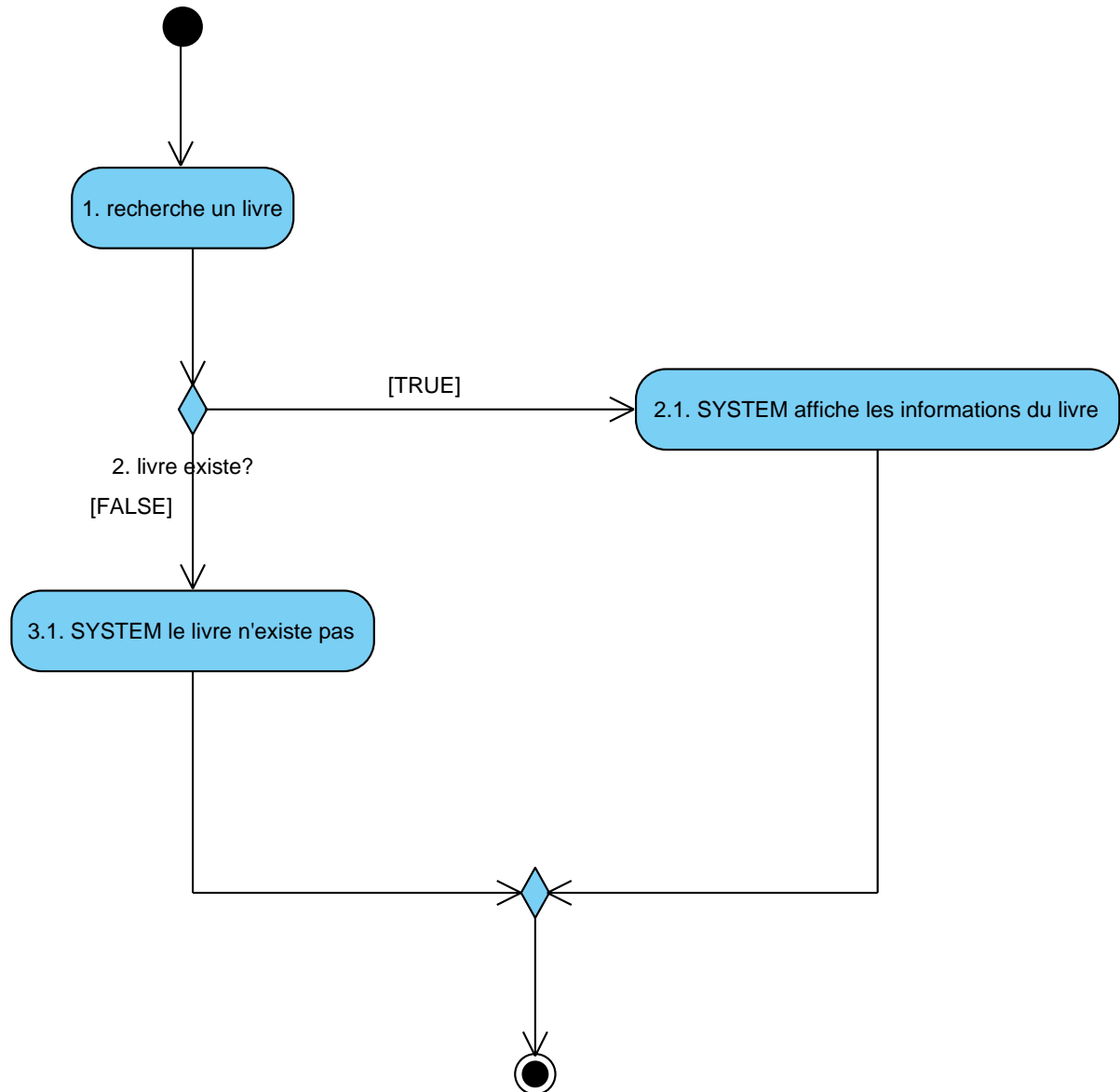
Unnamed Control Flow	
From	 3.1. SYSTEM affiche un message de notification
Transit From	 3.1. SYSTEM affiche un message de notification
Transit To	 N/A
Author	khali
Create Date Time	13/04/2023 03:58:27 #
Last Modified	13/04/2023 10:30:49 #
Leaf	false
Visibility	Unspecified
Quality Score	Good



Name	Value
Transit From	Value
	Flow of Events
	 Consulter les livres empruntés - Flow of Events.(<unnamed> -> <unnamed>)
Author	khali
Create Date Time	13/04/2023 03:58:27 #
Last Modified	13/04/2023 10:30:49 #
Must Isolate	false
Leaf	false
Visibility	Unspecified
Quality Score	Good





Activity Diagram

consulter un livre - Flow of Events




Name	Value
Name	consulter un livre - Flow of Events
Author	khali
Create Date Time	13/04/2023 03:04:52 #
Last Modified	13/04/2023 04:05:25 #
Sync Diagram Element Ids	yk1JHuGGAqACBBN., Ik1JHuGGAqACBBNa, yk1JHuGGAqACBBN1, Ik1JHuGGAqACBBNv, yk1JHuGGAqACBBNy, Ik1JHuGGAqACBBNm, Ik1JHuGGAqACBBNs, Ik1JHuGGAqACBBNp, yk1JHuGGAqACBBOb, Ik1JHuGGAqACBBNg, yk1JHuGGAqACBBN7, Ik1JHuGGAqACBBNd, yk1JHuGGAqACBBN4, Ik1JHuGGAqACBBNj

Summary



Name	Documentation
 1. recherche un livre	
 2. livre existe?	
 2.1. SYSTEM affiche les informations du livre	
 3.1. SYSTEM le livre n'existe pas	

Details



● N/A

Name	Value
Transit From	Flow of Events
Transit To	 N/A (<unnamed> -> 1. recherche un livre)
Author	khali
Create Date Time	13/04/2023 03:04:52 #
Last Modified	13/04/2023 10:30:49 #
Must Isolate	false
Leaf	false
Visibility	Unspecified
Quality Score	Good




Relationships




Unnamed Control Flow	
To	 1. recherche un livre
Transit From	● N/A
Transit To	 1. recherche un livre
Author	khali
Create Date Time	13/04/2023 03:04:52 #
Last Modified	13/04/2023 10:30:49 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

1. recherche un livre

Name	Value	
Transit From	Value	
	recherche un livre	
	 consulter un livre - Flow of Events.(<unnamed> -> 1. recherche un livre)	
Transit To	 N/A (1. recherche un livre -> 2. livre existe?)	
Author	khali	
Create Date Time	13/04/2023 03:04:52 #	
Last Modified	13/04/2023 10:30:49 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships

Unnamed Control Flow	
To	 2. livre existe?
Transit From	 1. recherche un livre
Transit To	 2. livre existe?
Author	khali
Create Date Time	13/04/2023 03:04:52 #
Last Modified	13/04/2023 10:30:49 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

Unnamed Control Flow	
From	 N/A
Transit From	 N/A
Transit To	 1. recherche un livre
Author	khali
Create Date Time	13/04/2023 03:04:52 #
Last Modified	13/04/2023 10:30:49 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

2. livre existe?

Name	Value	
Transit From	Value	
	livre existe	
	CF consulter un livre - Flow of Events.(1. recherche un livre -> 2. livre existe?)	
Transit To	Value	
	CF consulter un livre - Flow of Events.(2. livre existe? -> 2.1. SYSTEM affiche les informations du livre)	
	CF consulter un livre - Flow of Events.(2. livre existe? -> 3.1. SYSTEM le livre n'existe pas)	
Author	khali	
Create Date Time	13/04/2023 03:04:52 #	
Last Modified	13/04/2023 10:30:49 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships

Unnamed Control Flow	
To	2.1. SYSTEM affiche les informations du livre
Transit From	2. livre existe?
Transit To	2.1. SYSTEM affiche les informations du livre
Author	khali
Create Date Time	13/04/2023 03:04:52 #
Last Modified	13/04/2023 10:30:49 #
Guard	TRUE
Leaf	false
Visibility	Unspecified
Quality Score	Good

Unnamed Control Flow	
To	3.1. SYSTEM le livre n'existe pas
Transit From	2. livre existe?
Transit To	3.1. SYSTEM le livre n'existe pas
Author	khali
Create Date Time	13/04/2023 03:04:52 #
Last Modified	13/04/2023 10:30:49 #
Guard	FALSE
Leaf	false
Visibility	Unspecified
Quality Score	Good

Unnamed Control Flow	
From	1. recherche un livre
Transit From	1. recherche un livre
Transit To	2. livre existe?
Author	khali
Create Date Time	13/04/2023 03:04:52 #
Last Modified	13/04/2023 10:30:49 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

2.1. SYSTEM affiche les informations du livre

Name	Value	
Transit From	Value	
	affiche les informations du livre	
	CF consulter un livre - Flow of Events.(2. livre existe? -> 2.1. SYSTEM affiche les informations du livre)	
Transit To	CF N/A (2.1. SYSTEM affiche les informations du livre -> <unnamed>)	
Author	khali	
Create Date Time	13/04/2023 03:04:52 #	
Last Modified	13/04/2023 10:30:49 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	N/A
Transit From	2.1. SYSTEM affiche les informations du livre
Transit To	N/A
Author	khali
Create Date Time	13/04/2023 03:04:52 #
Last Modified	13/04/2023 10:30:49 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	2. livre existe?
Transit From	2. livre existe?
Transit To	2.1. SYSTEM affiche les informations du livre
Author	khali
Create Date Time	13/04/2023 03:04:52 #
Last Modified	13/04/2023 10:30:49 #
Guard	TRUE
Leaf	false
Visibility	Unspecified
Quality Score	Good

3.1. SYSTEM le livre n'existe pas




Name	Value	
Transit From	Value	
	le livre n'existe pas	
	consulter un livre - Flow of Events.(2. livre existe? -> 3.1. SYSTEM le livre n'existe pas)	
Transit To	N/A (3.1. SYSTEM le livre n'existe pas -> <unnamed>)	
Author	khali	
Create Date Time	13/04/2023 03:04:52 #	
Last Modified	13/04/2023 10:30:49 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships



Unnamed Control Flow	
To	 N/A
Transit From	 3.1. SYSTEM le livre n'existe pas
Transit To	 N/A
Author	khali
Create Date Time	13/04/2023 03:04:52 #
Last Modified	13/04/2023 10:30:49 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	 2. livre existe?
Transit From	 2. livre existe?
Transit To	 3.1. SYSTEM le livre n'existe pas
Author	khali
Create Date Time	13/04/2023 03:04:52 #
Last Modified	13/04/2023 10:30:49 #
Guard	FALSE
Leaf	false
Visibility	Unspecified
Quality Score	Good

 N/A


Name	Value
Transit From	Value
	livre existe
	 consulter un livre - Flow of Events.(2.1. SYSTEM affiche les informations du livre -> <unnamed>)
	 consulter un livre - Flow of Events.(3.1. SYSTEM le livre n'existe pas -> <unnamed>)
Transit To	 N/A (<unnamed> -> <unnamed>)
Author	khali
Create Date Time	13/04/2023 03:04:52 #
Last Modified	13/04/2023 10:30:49 #
Must Isolate	false
Leaf	false
Visibility	Unspecified
Quality Score	Good

Relationships

Unnamed Control Flow	
From	 2.1. SYSTEM affiche les informations du livre
Transit From	 2.1. SYSTEM affiche les informations du livre
Transit To	 N/A
Author	khali
Create Date Time	13/04/2023 03:04:52 #
Last Modified	13/04/2023 10:30:49 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

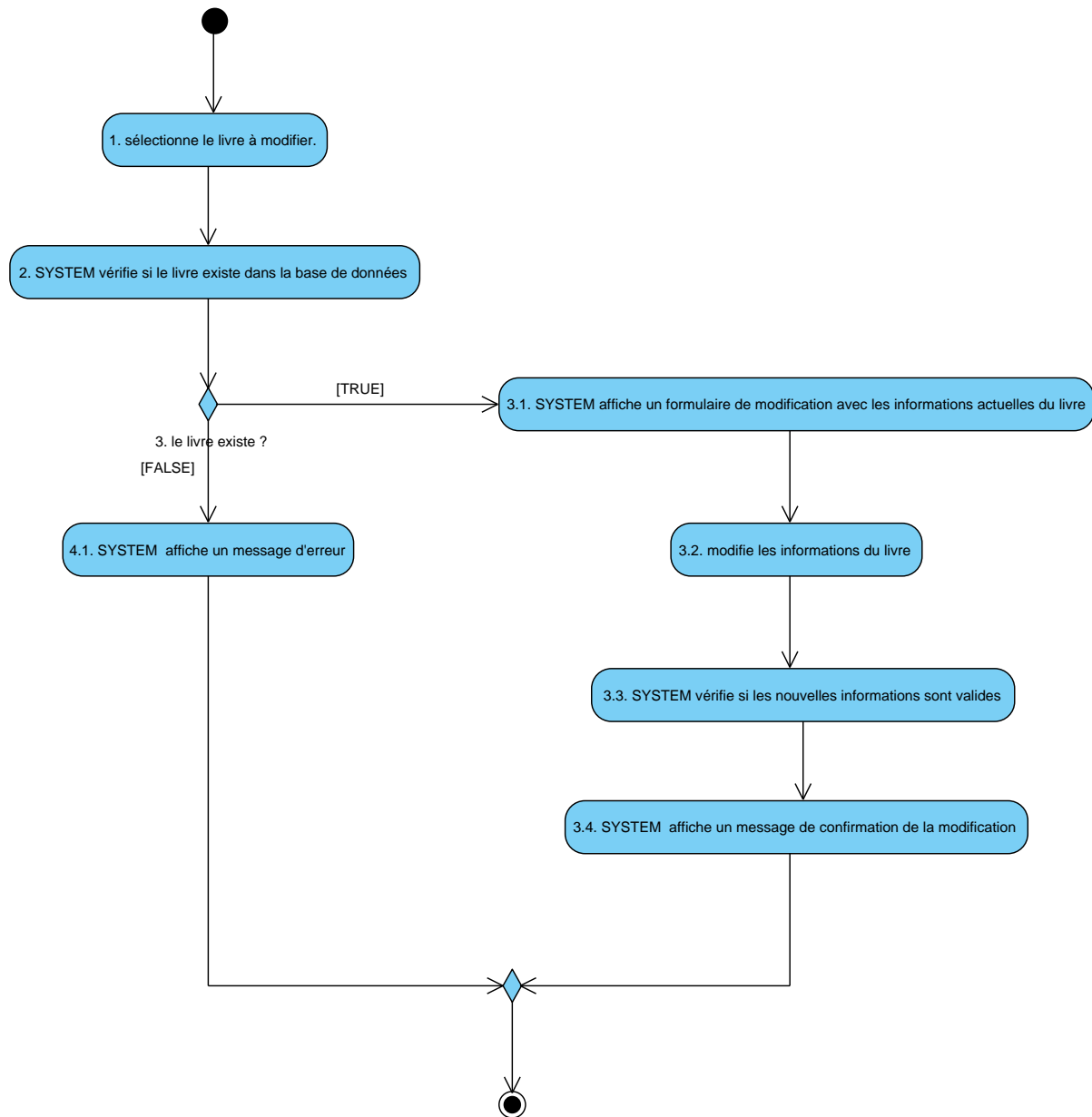
Unnamed Control Flow	
From	 3.1. SYSTEM le livre n'existe pas
Transit From	 3.1. SYSTEM le livre n'existe pas
Transit To	 N/A
Author	khali
Create Date Time	13/04/2023 03:04:52 #
Last Modified	13/04/2023 10:30:49 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

 N/A

Name	Value
Transit From	Value
	Flow of Events
	 consulter un livre - Flow of Events.(<unnamed> -> <unnamed>)
Author	khali
Create Date Time	13/04/2023 03:04:52 #
Last Modified	13/04/2023 10:30:49 #
Must Isolate	false
Leaf	false
Visibility	Unspecified
Quality Score	Good









Activity Diagram

Modifier un livre - Flow of Events




Name	Value
Name	Modifier un livre - Flow of Events
Author	khali
Create Date Time	13/04/2023 02:50:42 #
Last Modified	13/04/2023 04:05:26 #
Sync Diagram Element Ids	OB2hHuGGAqACBBHb, MB2hHuGGAqACBBG9, MB2hHuGGAqACBBGx, MB2hHuGGAqACBBG6, OB2hHuGGAqACBBHe, OB2hHuGGAqACBBHG, OB2hHuGGAqACBBHk, OB2hHuGGAqACBBHh, OB2hHuGGAqACBBHJ, MB2hHuGGAqACBBG3, OB2hHuGGAqACBBHn, OB2hHuGGAqACBBHM, MB2hHuGGAqACBBG0, OB2hHuGGAqACBBHP, OB2hHuGGAqACBBHq, OB2hHuGGAqACBBHS, OB2hHuGGAqACBBHV, OB2hHuGGAqACBBHY, 1B2hHuGGAqACBBHw, MB2hHuGGAqACBBHA, 1B2hHuGGAqACBBHt, MB2hHuGGAqACBBHD

Summary




Name	Documentation
 1. sélectionne le livre à modifier.	
 2. SYSTEM vérifie si le livre existe dans la base de données	
 3. le livre existe ?	
 3.1. SYSTEM affiche un formulaire de modification avec les informations actuelles du livre	
 3.2. modifie les informations du livre	
 3.3. SYSTEM vérifie si les nouvelles informations sont valides	
 3.4. SYSTEM affiche un message de confirmation de la modification	
 4.1. SYSTEM affiche un message d'erreur	

Details



● N/A

Name	Value
Transit From	Flow of Events
Transit To	 N/A (<unnamed> -> 1. sélectionne le livre à modifier.)
Author	khali
Create Date Time	13/04/2023 02:50:42 #
Last Modified	13/04/2023 03:04:19 #
Must Isolate	false
Leaf	false
Visibility	Unspecified
Quality Score	Good




Relationships

Unnamed Control Flow	
To	 1. sélectionne le livre à modifier.
Transit From	 N/A
Transit To	 1. sélectionne le livre à modifier.
Author	khali
Create Date Time	13/04/2023 02:50:42 #
Last Modified	13/04/2023 03:04:19 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

1. sélectionne le livre à modifier.

Name	Value	
Transit From	Value	
	sélectionne le livre à modifier.	
	 Modifier un livre - Flow of Events.(<unnamed> -> 1. sélectionne le livre à modifier.)	
Transit To	 N/A (1. sélectionne le livre à modifier. -> 2. SYSTEM vérifie si le livre existe dans la base de données)	
Author	khali	
Create Date Time	13/04/2023 02:50:42 #	
Last Modified	13/04/2023 03:04:19 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships

Unnamed Control Flow	
To	 2. SYSTEM vérifie si le livre existe dans la base de données
Transit From	 1. sélectionne le livre à modifier.
Transit To	 2. SYSTEM vérifie si le livre existe dans la base de données
Author	khali
Create Date Time	13/04/2023 02:50:42 #
Last Modified	13/04/2023 03:04:19 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

Unnamed Control Flow	
From	● N/A
Transit From	● N/A
Transit To	➡ 1. sélectionne le livre à modifier.
Author	khali
Create Date Time	13/04/2023 02:50:42 #
Last Modified	13/04/2023 03:04:19 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

➡ 2. SYSTEM vérifie si le livre existe dans la base de données

Name	Value	
Transit From	Value	
	vérifie si le livre existe dans la base de données	
	CF Modifier un livre - Flow of Events.(1. sélectionne le livre à modifier. -> 2. SYSTEM vérifie si le livre existe dans la base de données)	
Transit To	CF N/A (2. SYSTEM vérifie si le livre existe dans la base de données -> 3. le livre existe ?)	
Author	khali	
Create Date Time	13/04/2023 02:50:42 #	
Last Modified	13/04/2023 03:04:19 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	➡ 3. le livre existe ?
Transit From	➡ 2. SYSTEM vérifie si le livre existe dans la base de données
Transit To	➡ 3. le livre existe ?
Author	khali
Create Date Time	13/04/2023 02:50:42 #
Last Modified	13/04/2023 03:04:19 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	1. sélectionne le livre à modifier.
Transit From	1. sélectionne le livre à modifier.
Transit To	2. SYSTEM vérifie si le livre existe dans la base de données
Author	khali
Create Date Time	13/04/2023 02:50:42 #
Last Modified	13/04/2023 03:04:19 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




3. le livre existe ?

Name	Value	
Transit From	Value	
	le livre existe	
	CF Modifier un livre - Flow of Events.(2. SYSTEM vérifie si le livre existe dans la base de données -> 3. le livre existe ?)	
Transit To	Value	
	CF Modifier un livre - Flow of Events.(3. le livre existe ? -> 3.1. SYSTEM affiche un formulaire de modification avec les informations actuelles du livre)	
	CF Modifier un livre - Flow of Events.(3. le livre existe ? -> 4.1. SYSTEM affiche un message d'erreur)	
Author	khali	
Create Date Time	13/04/2023 02:50:42 #	
Last Modified	13/04/2023 03:04:19 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary



Relationships

Unnamed Control Flow	
To	 3.1. SYSTEM affiche un formulaire de modification avec les informations actuelles du livre
Transit From	 3. le livre existe ?
Transit To	 3.1. SYSTEM affiche un formulaire de modification avec les informations actuelles du livre
Author	khali
Create Date Time	13/04/2023 02:50:42 #
Last Modified	13/04/2023 03:04:19 #
Guard	TRUE
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
To	 4.1. SYSTEM affiche un message d'erreur
Transit From	 3. le livre existe ?
Transit To	 4.1. SYSTEM affiche un message d'erreur
Author	khali
Create Date Time	13/04/2023 02:50:42 #
Last Modified	13/04/2023 03:04:19 #
Guard	FALSE
Leaf	false
Visibility	Unspecified
Quality Score	Good

Unnamed Control Flow	
From	 2. SYSTEM vérifie si le livre existe dans la base de données
Transit From	 2. SYSTEM vérifie si le livre existe dans la base de données
Transit To	 3. le livre existe ?
Author	khali
Create Date Time	13/04/2023 02:50:42 #
Last Modified	13/04/2023 03:04:19 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

3.1. SYSTEM affiche un formulaire de modification avec les informations actuelles du livre

Name	Value	
Transit From	Value	
	affiche un formulaire de modification avec les informations actuelles du livre	
	 Modifier un livre - Flow of Events.(3. le livre existe ? -> 3.1. SYSTEM affiche un formulaire de modification avec les informations actuelles du livre)	
Transit To	 N/A (3.1. SYSTEM affiche un formulaire de modification avec les informations actuelles du livre -> 3.2. modifie les informations du livre)	
Author	khali	
Create Date Time	13/04/2023 02:50:42 #	
Last Modified	13/04/2023 03:04:19 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships


Unnamed Control Flow	
To	 3.2. modifie les informations du livre
Transit From	 3.1. SYSTEM affiche un formulaire de modification avec les informations actuelles du livre
Transit To	 3.2. modifie les informations du livre
Author	khali
Create Date Time	13/04/2023 02:50:42 #
Last Modified	13/04/2023 03:04:19 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	→ 3. le livre existe ?
Transit From	→ 3. le livre existe ?
Transit To	→ 3.1. SYSTEM affiche un formulaire de modification avec les informations actuelles du livre
Author	khali
Create Date Time	13/04/2023 02:50:42 #
Last Modified	13/04/2023 03:04:19 #
Guard	TRUE
Leaf	false
Visibility	Unspecified
Quality Score	Good

→ 3.2. modifie les informations du livre



Name	Value	
Transit From	Value	
	modifie les informations du livre	
	→ Modifier un livre - Flow of Events.(3.1. SYSTEM affiche un formulaire de modification avec les informations actuelles du livre -> 3.2. modifie les informations du livre)	
Transit To	→ N/A (3.2. modifie les informations du livre -> 3.3. SYSTEM vérifie si les nouvelles informations sont valides)	
Author	khali	
Create Date Time	13/04/2023 02:50:42 #	
Last Modified	13/04/2023 03:04:19 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	 3.3. SYSTEM vérifie si les nouvelles informations sont valides
Transit From	 3.2. modifie les informations du livre
Transit To	 3.3. SYSTEM vérifie si les nouvelles informations sont valides
Author	khali
Create Date Time	13/04/2023 02:50:42 #
Last Modified	13/04/2023 03:04:19 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	 3.1. SYSTEM affiche un formulaire de modification avec les informations actuelles du livre
Transit From	 3.1. SYSTEM affiche un formulaire de modification avec les informations actuelles du livre
Transit To	 3.2. modifie les informations du livre
Author	khali
Create Date Time	13/04/2023 02:50:42 #
Last Modified	13/04/2023 03:04:19 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

3.3. SYSTEM vérifie si les nouvelles informations sont valides

Name	Value	
Transit From	Value	
	vérifie si les nouvelles informations sont valides	
	 Modifier un livre - Flow of Events.(3.2. modifie les informations du livre -> 3.3. SYSTEM vérifie si les nouvelles informations sont valides)	
Transit To	 N/A (3.3. SYSTEM vérifie si les nouvelles informations sont valides -> 3.4. SYSTEM affiche un message de confirmation de la modification)	
Author	khali	
Create Date Time	13/04/2023 02:50:42 #	
Last Modified	13/04/2023 03:04:19 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships

Unnamed Control Flow	
To	 3.4. SYSTEM affiche un message de confirmation de la modification
Transit From	 3.3. SYSTEM vérifie si les nouvelles informations sont valides
Transit To	 3.4. SYSTEM affiche un message de confirmation de la modification
Author	khali
Create Date Time	13/04/2023 02:50:42 #
Last Modified	13/04/2023 03:04:19 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

Unnamed Control Flow	
From	 3.2. modifie les informations du livre
Transit From	 3.2. modifie les informations du livre
Transit To	 3.3. SYSTEM vérifie si les nouvelles informations sont valides
Author	khali
Create Date Time	13/04/2023 02:50:42 #
Last Modified	13/04/2023 03:04:19 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

3.4. SYSTEM affiche un message de confirmation de la modification



Name	Value	
Transit From	Value	
	affiche un message de confirmation de la modification	
	CF Modifier un livre - Flow of Events.(3.3. SYSTEM vérifie si les nouvelles informations sont valides -> 3.4. SYSTEM affiche un message de confirmation de la modification)	
Transit To	CF N/A (3.4. SYSTEM affiche un message de confirmation de la modification - > <unnamed>)	
Author	khali	
Create Date Time	13/04/2023 02:50:42 #	
Last Modified	13/04/2023 03:04:19 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	CF N/A
Transit From	3.4. SYSTEM affiche un message de confirmation de la modification
Transit To	CF N/A
Author	khali
Create Date Time	13/04/2023 02:50:42 #
Last Modified	13/04/2023 03:04:19 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	3.3. SYSTEM vérifie si les nouvelles informations sont valides
Transit From	3.3. SYSTEM vérifie si les nouvelles informations sont valides
Transit To	3.4. SYSTEM affiche un message de confirmation de la modification
Author	khali
Create Date Time	13/04/2023 02:50:42 #
Last Modified	13/04/2023 03:04:19 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

4.1. SYSTEM affiche un message d'erreur

Name	Value	
Transit From	Value	
	affiche un message d'erreur	
	 Modifier un livre - Flow of Events.(3. le livre existe ? -> 4.1. SYSTEM affiche un message d'erreur)	
Transit To	 N/A (4.1. SYSTEM affiche un message d'erreur -> <unnamed>)	
Author	khali	
Create Date Time	13/04/2023 02:50:42 #	
Last Modified	13/04/2023 03:04:19 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships

Unnamed Control Flow	
To	 N/A
Transit From	 4.1. SYSTEM affiche un message d'erreur
Transit To	 N/A
Author	khali
Create Date Time	13/04/2023 02:50:42 #
Last Modified	13/04/2023 03:04:19 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

Unnamed Control Flow	
From	 3. le livre existe ?
Transit From	 3. le livre existe ?
Transit To	 4.1. SYSTEM affiche un message d'erreur
Author	khali
Create Date Time	13/04/2023 02:50:42 #
Last Modified	13/04/2023 03:04:19 #
Guard	FALSE
Leaf	false
Visibility	Unspecified
Quality Score	Good




Name	Value
Transit From	Value
	le livre existe
	CF Modifier un livre - Flow of Events.(3.4. SYSTEM affiche un message de confirmation de la modification -> <unnamed>)
	CF Modifier un livre - Flow of Events.(4.1. SYSTEM affiche un message d'erreur -> <unnamed>)
Transit To	CF N/A (<unnamed> -> <unnamed>)
Author	khali
Create Date Time	13/04/2023 02:50:42 #
Last Modified	13/04/2023 03:04:19 #
Must Isolate	false
Leaf	false
Visibility	Unspecified
Quality Score	Good

Relationships

Unnamed Control Flow	
From	3.4. SYSTEM affiche un message de confirmation de la modification
Transit From	3.4. SYSTEM affiche un message de confirmation de la modification
Transit To	N/A
Author	khali
Create Date Time	13/04/2023 02:50:42 #
Last Modified	13/04/2023 03:04:19 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

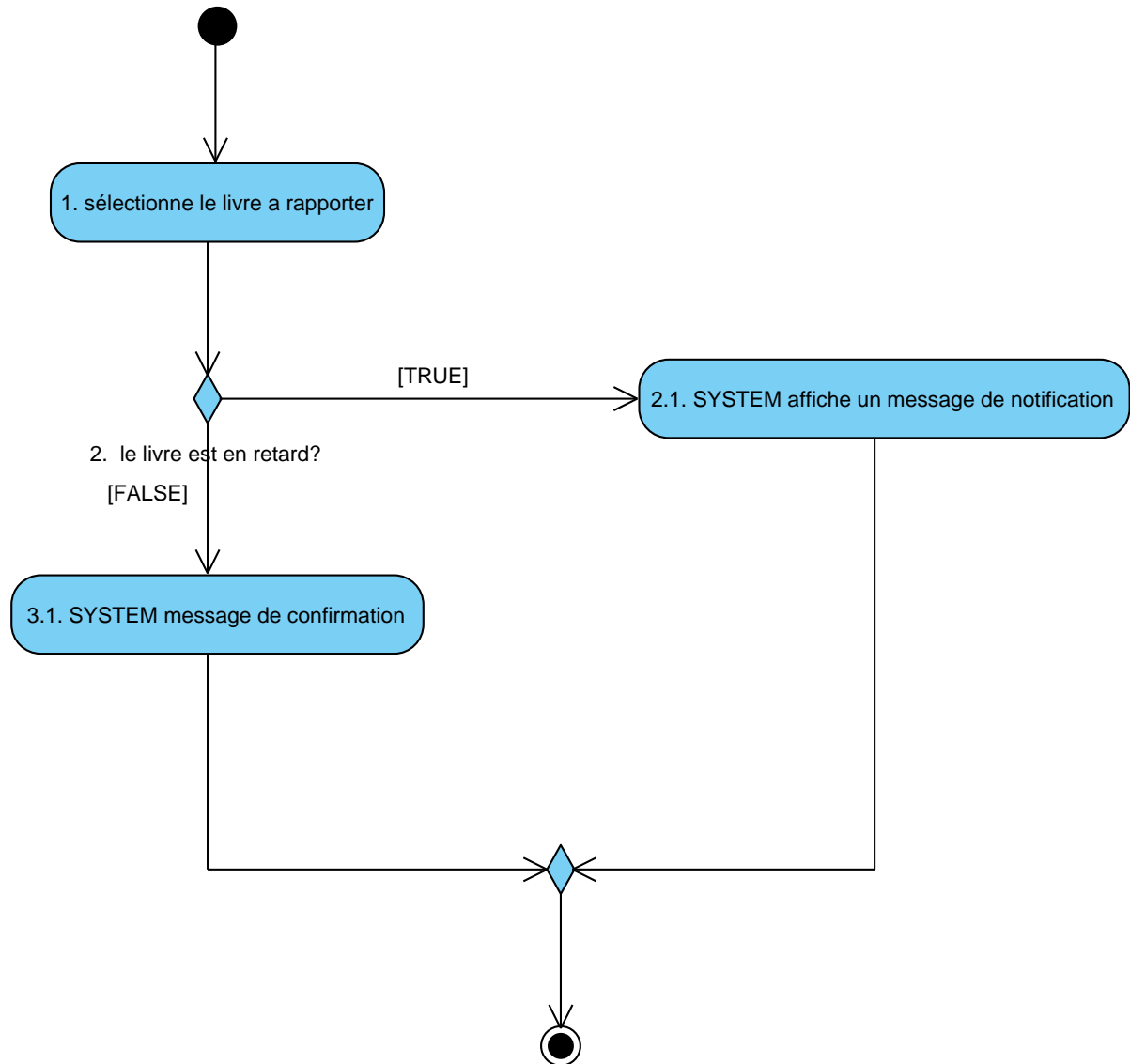
Unnamed Control Flow	
From	4.1. SYSTEM affiche un message d'erreur
Transit From	4.1. SYSTEM affiche un message d'erreur
Transit To	N/A
Author	khali
Create Date Time	13/04/2023 02:50:42 #
Last Modified	13/04/2023 03:04:19 #
Leaf	false
Visibility	Unspecified
Quality Score	Good



Name	Value
Transit From	Value
	Flow of Events
	 Modifier un livre - Flow of Events.(<unnamed> -> <unnamed>)
Author	khali
Create Date Time	13/04/2023 02:50:42 #
Last Modified	13/04/2023 03:04:19 #
Must Isolate	false
Leaf	false
Visibility	Unspecified
Quality Score	Good

Activity Diagram





Rapporter un livre - Flow of Events



Name	Value
Name	Rapporter un livre - Flow of Events
Author	khali
Create Date Time	13/04/2023 04:04:07 #
Last Modified	13/04/2023 04:05:23 #
Sync Diagram Element Ids	1k8THuGGAqACBBeq, 2k8THuGGAqACBBeb, 1k8THuGGAqACBBew, 1k8THuGGAqACBBet, 1k8THuGGAqACBBez, 2k8THuGGAqACBBev, 1k8THuGGAqACBBee, 3k8THuGGAqACBBes, 2k8THuGGAqACBBes, 3k8THuGGAqACBBes, 1k8THuGGAqACBBeh, 1k8THuGGAqACBBek, 2k8THuGGAqACBBey, 1k8THuGGAqACBBen


Summary

Name	Documentation
------	---------------




 1. sélectionne le livre a rapporter	
 2. le livre est en retard?	
 2.1. SYSTEM affiche un message de notification	
 3.1. SYSTEM message de confirmation	

Details



 N/A

Name	Value
Transit From	Flow of Events
Transit To	 N/A (<unnamed> -> 1. sélectionne le livre a rapporter)
Author	khali
Create Date Time	13/04/2023 04:04:07 #
Last Modified	13/04/2023 10:30:49 #
Must Isolate	false
Leaf	false
Visibility	Unspecified
Quality Score	Good




Relationships


Unnamed Control Flow	
To	 1. sélectionne le livre a rapporter
Transit From	 N/A
Transit To	 1. sélectionne le livre a rapporter
Author	khali
Create Date Time	13/04/2023 04:04:07 #
Last Modified	13/04/2023 10:30:49 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

1. sélectionne le livre a rapporter




Name	Value	
Transit From	Value	
	sélectionne le livre a rapporter	
	 Rapporter un livre - Flow of Events.(<unnamed> -> 1. sélectionne le livre a rapporter)	
Transit To	 N/A (1. sélectionne le livre a rapporter -> 2. le livre est en retard?)	
Author	khali	
Create Date Time	13/04/2023 04:04:07 #	
Last Modified	13/04/2023 10:30:49 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	 2. le livre est en retard?
Transit From	 1. sélectionne le livre a rapporter
Transit To	 2. le livre est en retard?
Author	khali
Create Date Time	13/04/2023 04:04:07 #
Last Modified	13/04/2023 10:30:49 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

Unnamed Control Flow	
From	● N/A
Transit From	● N/A
Transit To	 1. sélectionne le livre a rapporter
Author	khali
Create Date Time	13/04/2023 04:04:07 #
Last Modified	13/04/2023 10:30:49 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

2. le livre est en retard?

Name	Value	
Transit From	Value	
	le livre est en retard	
	 Rapporter un livre - Flow of Events.(1. sélectionne le livre a rapporter -> 2. le livre est en retard?)	
Transit To	Value	
	 Rapporter un livre - Flow of Events.(2. le livre est en retard? -> 2.1. SYSTEM affiche un message de notification)	
	 Rapporter un livre - Flow of Events.(2. le livre est en retard? -> 3.1. SYSTEM message de confirmation)	
Author	khali	
Create Date Time	13/04/2023 04:04:07 #	
Last Modified	13/04/2023 10:30:49 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships

Unnamed Control Flow	
To	 2.1. SYSTEM affiche un message de notification
Transit From	 2. le livre est en retard?
Transit To	 2.1. SYSTEM affiche un message de notification
Author	khali
Create Date Time	13/04/2023 04:04:07 #
Last Modified	13/04/2023 10:30:49 #
Guard	TRUE
Leaf	false
Visibility	Unspecified
Quality Score	Good

Unnamed Control Flow	
To	3.1. SYSTEM message de confirmation
Transit From	2. le livre est en retard?
Transit To	3.1. SYSTEM message de confirmation
Author	khali
Create Date Time	13/04/2023 04:04:07 #
Last Modified	13/04/2023 10:30:49 #
Guard	FALSE
Leaf	false
Visibility	Unspecified
Quality Score	Good

Unnamed Control Flow	
From	1. sélectionne le livre a rapporter
Transit From	1. sélectionne le livre a rapporter
Transit To	2. le livre est en retard?
Author	khali
Create Date Time	13/04/2023 04:04:07 #
Last Modified	13/04/2023 10:30:49 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

2.1. SYSTEM affiche un message de notification

Name	Value	
Transit From	Value	
	affiche un message de notification	
	CF Rapporter un livre - Flow of Events.(2. le livre est en retard? -> 2.1. SYSTEM affiche un message de notification)	
Transit To	CF N/A (2.1. SYSTEM affiche un message de notification -> <unnamed>)	
Author	khali	
Create Date Time	13/04/2023 04:04:07 #	
Last Modified	13/04/2023 10:30:49 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	N/A
Transit From	2.1. SYSTEM affiche un message de notification
Transit To	N/A
Author	khali
Create Date Time	13/04/2023 04:04:07 #
Last Modified	13/04/2023 10:30:49 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	2. le livre est en retard?
Transit From	2. le livre est en retard?
Transit To	2.1. SYSTEM affiche un message de notification
Author	khali
Create Date Time	13/04/2023 04:04:07 #
Last Modified	13/04/2023 10:30:49 #
Guard	TRUE
Leaf	false
Visibility	Unspecified
Quality Score	Good

3.1. SYSTEM message de confirmation




Name	Value	
Transit From	Value	
	message de confirmation	
	Rapporter un livre - Flow of Events.(2. le livre est en retard? -> 3.1. SYSTEM message de confirmation)	
Transit To	N/A (3.1. SYSTEM message de confirmation -> <unnamed>)	
Author	khali	
Create Date Time	13/04/2023 04:04:07 #	
Last Modified	13/04/2023 10:30:49 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	 N/A
Transit From	 3.1. SYSTEM message de confirmation
Transit To	 N/A
Author	khali
Create Date Time	13/04/2023 04:04:07 #
Last Modified	13/04/2023 10:30:49 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	 2. le livre est en retard?
Transit From	 2. le livre est en retard?
Transit To	 3.1. SYSTEM message de confirmation
Author	khali
Create Date Time	13/04/2023 04:04:07 #
Last Modified	13/04/2023 10:30:49 #
Guard	FALSE
Leaf	false
Visibility	Unspecified
Quality Score	Good

 N/A


Name	Value
Transit From	Value
	le livre est en retard
	 Rapporter un livre - Flow of Events.(2.1. SYSTEM affiche un message de notification -> <unnamed>)
	 Rapporter un livre - Flow of Events.(3.1. SYSTEM message de confirmation -> <unnamed>)
Transit To	 N/A (<unnamed> -> <unnamed>)
Author	khali
Create Date Time	13/04/2023 04:04:07 #
Last Modified	13/04/2023 10:30:49 #
Must Isolate	false
Leaf	false
Visibility	Unspecified
Quality Score	Good

Relationships

Unnamed Control Flow	
From	 2.1. SYSTEM affiche un message de notification
Transit From	 2.1. SYSTEM affiche un message de notification
Transit To	 N/A
Author	khali
Create Date Time	13/04/2023 04:04:07 #
Last Modified	13/04/2023 10:30:49 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

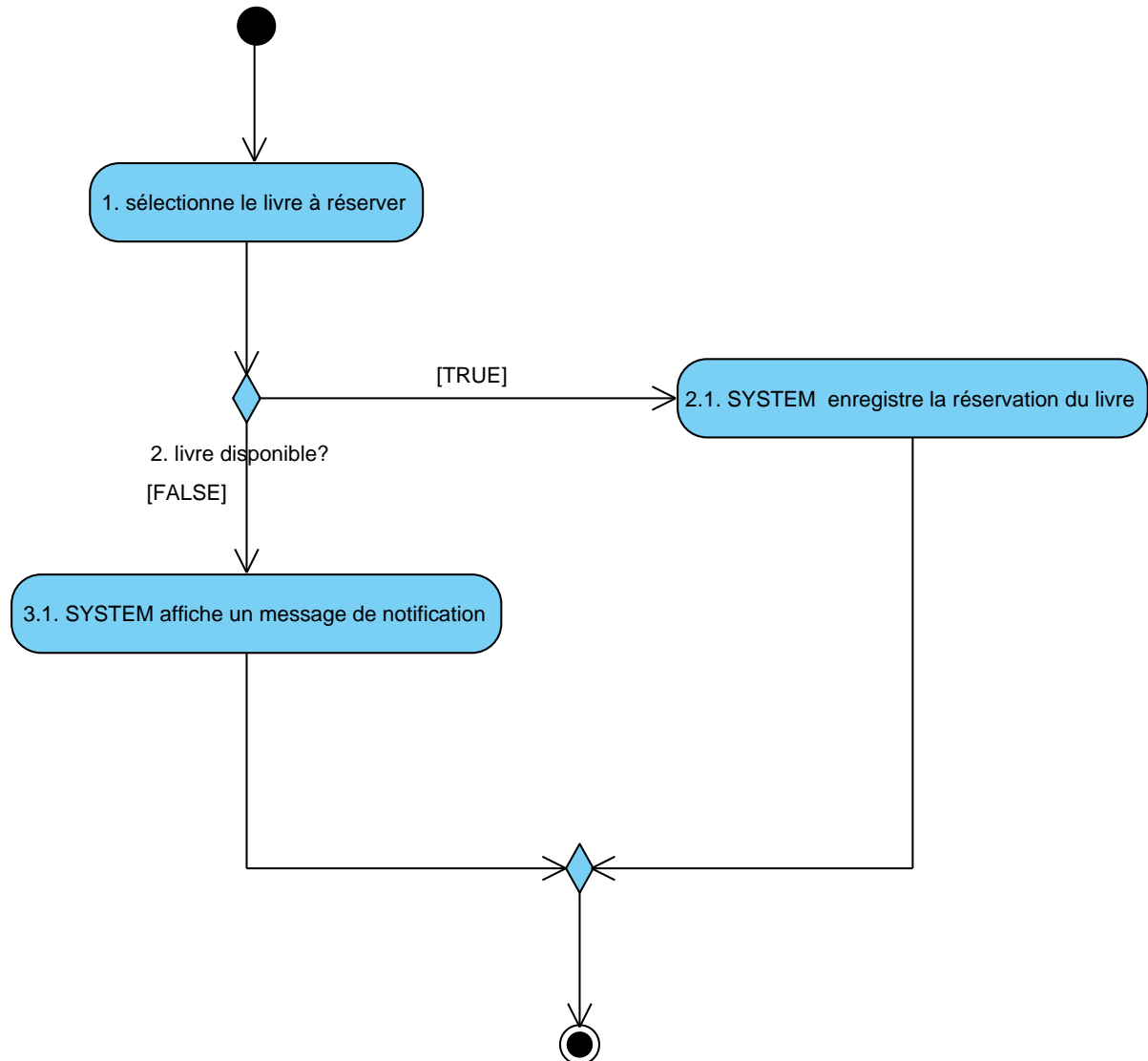
Unnamed Control Flow	
From	 3.1. SYSTEM message de confirmation
Transit From	 3.1. SYSTEM message de confirmation
Transit To	 N/A
Author	khali
Create Date Time	13/04/2023 04:04:07 #
Last Modified	13/04/2023 10:30:49 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

 N/A

Name	Value
Transit From	Value
	Flow of Events
	 Rapporter un livre - Flow of Events.(<unnamed> -> <unnamed>)
Author	khali
Create Date Time	13/04/2023 04:04:07 #
Last Modified	13/04/2023 10:30:49 #
Must Isolate	false
Leaf	false
Visibility	Unspecified
Quality Score	Good

Activity Diagram




reserver un livre - Flow of Events



Name	Value
Name	reserver un livre - Flow of Events
Author	khali
Create Date Time	13/04/2023 03:37:31 #
Last Modified	13/04/2023 03:59:53 #
Sync Diagram Element Ids	TGkNHuGGAqACBBVi, TGkNHuGGAqACBBV0, TGkNHuGGAqACBBVi, TGkNHuGGAqACBBVo, TGkNHuGGAqACBBVf, gmkNHuGGAqACBBWA, gmkNHuGGAqACBBWD, TGkNHuGGAqACBBV9, gmkNHuGGAqACBBWG, TGkNHuGGAqACBBVr, TGkNHuGGAqACBBV6, TGkNHuGGAqACBBV3, TGkNHuGGAqACBBVx, TGkNHuGGAqACBBVu


Summary

Name	Documentation
 1. sélectionne le livre à réserver	



 2. livre disponible?	
 2.1. SYSTEM enregistre la réservation du livre	
 3.1. SYSTEM affiche un message de notification	

Details



● N/A

Name	Value
Transit From	Flow of Events
Transit To	 N/A (<unnamed> -> 1. sélectionne le livre à réserver)
Author	khali
Create Date Time	13/04/2023 03:37:31 #
Last Modified	13/04/2023 10:30:49 #
Must Isolate	false
Leaf	false
Visibility	Unspecified
Quality Score	Good




Relationships


Unnamed Control Flow	
To	 1. sélectionne le livre à réserver
Transit From	● N/A
Transit To	 1. sélectionne le livre à réserver
Author	khali
Create Date Time	13/04/2023 03:37:31 #
Last Modified	13/04/2023 10:30:49 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

1. sélectionne le livre à réserver




Name	Value	
Transit From	Value	
	sélectionne le livre à réserver	
	 réserver un livre - Flow of Events.(<unnamed> -> 1. sélectionne le livre à réserver)	
Transit To	 N/A (1. sélectionne le livre à réserver -> 2. livre disponible?)	
Author	khali	
Create Date Time	13/04/2023 03:37:31 #	
Last Modified	13/04/2023 10:30:49 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	 2. livre disponible?
Transit From	 1. sélectionne le livre à réserver
Transit To	 2. livre disponible?
Author	khali
Create Date Time	13/04/2023 03:37:31 #
Last Modified	13/04/2023 10:30:49 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	● N/A
Transit From	● N/A
Transit To	 1. sélectionne le livre à réserver
Author	khali
Create Date Time	13/04/2023 03:37:31 #
Last Modified	13/04/2023 10:30:49 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




2. livre disponible?

Name	Value	
Transit From	Value	
	livre disponible	
	 reserver un livre - Flow of Events.(1. sélectionne le livre à réserver -> 2. livre disponible?)	
Transit To	Value	
	 reserver un livre - Flow of Events.(2. livre disponible? -> 2.1. SYSTEM enregistre la réservation du livre)	
	 reserver un livre - Flow of Events.(2. livre disponible? -> 3.1. SYSTEM affiche un message de notification)	
Author	khali	
Create Date Time	13/04/2023 03:37:31 #	
Last Modified	13/04/2023 10:30:49 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary



Relationships

Unnamed Control Flow	
To	 2.1. SYSTEM enregistre la réservation du livre
Transit From	 2. livre disponible?
Transit To	 2.1. SYSTEM enregistre la réservation du livre
Author	khali
Create Date Time	13/04/2023 03:37:31 #
Last Modified	13/04/2023 10:30:49 #
Guard	TRUE
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
To	 3.1. SYSTEM affiche un message de notification
Transit From	 2. livre disponible?
Transit To	 3.1. SYSTEM affiche un message de notification
Author	khali
Create Date Time	13/04/2023 03:37:31 #
Last Modified	13/04/2023 10:30:49 #
Guard	FALSE
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	 1. sélectionne le livre à réserver
Transit From	 1. sélectionne le livre à réserver
Transit To	 2. livre disponible?
Author	khali
Create Date Time	13/04/2023 03:37:31 #
Last Modified	13/04/2023 10:30:49 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

2.1. SYSTEM enregistre la réservation du livre



Name	Value	
Transit From	Value	
	enregistre la réservation du livre	
	 reserver un livre - Flow of Events.(2. livre disponible? -> 2.1. SYSTEM enregistre la réservation du livre)	
Transit To	 N/A (2.1. SYSTEM enregistre la réservation du livre -> <unnamed>)	
Author	khali	
Create Date Time	13/04/2023 03:37:31 #	
Last Modified	13/04/2023 10:30:49 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	 N/A
Transit From	 2.1. SYSTEM enregistre la réservation du livre
Transit To	 N/A
Author	khali
Create Date Time	13/04/2023 03:37:31 #
Last Modified	13/04/2023 10:30:49 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	 2. livre disponible?
Transit From	 2. livre disponible?
Transit To	 2.1. SYSTEM enregistre la réservation du livre
Author	khali
Create Date Time	13/04/2023 03:37:31 #
Last Modified	13/04/2023 10:30:49 #
Guard	TRUE
Leaf	false
Visibility	Unspecified
Quality Score	Good

3.1. SYSTEM affiche un message de notification




Name	Value	
Transit From	Value	
	affiche un message de notification	
	 reserver un livre - Flow of Events.(2. livre disponible? -> 3.1. SYSTEM affiche un message de notification)	
Transit To	 N/A (3.1. SYSTEM affiche un message de notification -> <unnamed>)	
Author	khali	
Create Date Time	13/04/2023 03:37:31 #	
Last Modified	13/04/2023 10:30:49 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	 N/A
Transit From	 3.1. SYSTEM affiche un message de notification
Transit To	 N/A
Author	khali
Create Date Time	13/04/2023 03:37:31 #
Last Modified	13/04/2023 10:30:49 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	 2. livre disponible?
Transit From	 2. livre disponible?
Transit To	 3.1. SYSTEM affiche un message de notification
Author	khali
Create Date Time	13/04/2023 03:37:31 #
Last Modified	13/04/2023 10:30:49 #
Guard	FALSE
Leaf	false
Visibility	Unspecified
Quality Score	Good

 N/A


Name	Value
Transit From	Value
	livre disponible
	 reserver un livre - Flow of Events.(2.1. SYSTEM enregistre la réservation du livre -> <unnamed>)
	 reserver un livre - Flow of Events.(3.1. SYSTEM affiche un message de notification -> <unnamed>)
Transit To	 N/A (<unnamed> -> <unnamed>)
Author	khali
Create Date Time	13/04/2023 03:37:31 #
Last Modified	13/04/2023 10:30:49 #
Must Isolate	false
Leaf	false
Visibility	Unspecified
Quality Score	Good

Relationships

Unnamed Control Flow	
From	 2.1. SYSTEM enregistre la réservation du livre
Transit From	 2.1. SYSTEM enregistre la réservation du livre
Transit To	 N/A
Author	khali
Create Date Time	13/04/2023 03:37:31 #
Last Modified	13/04/2023 10:30:49 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

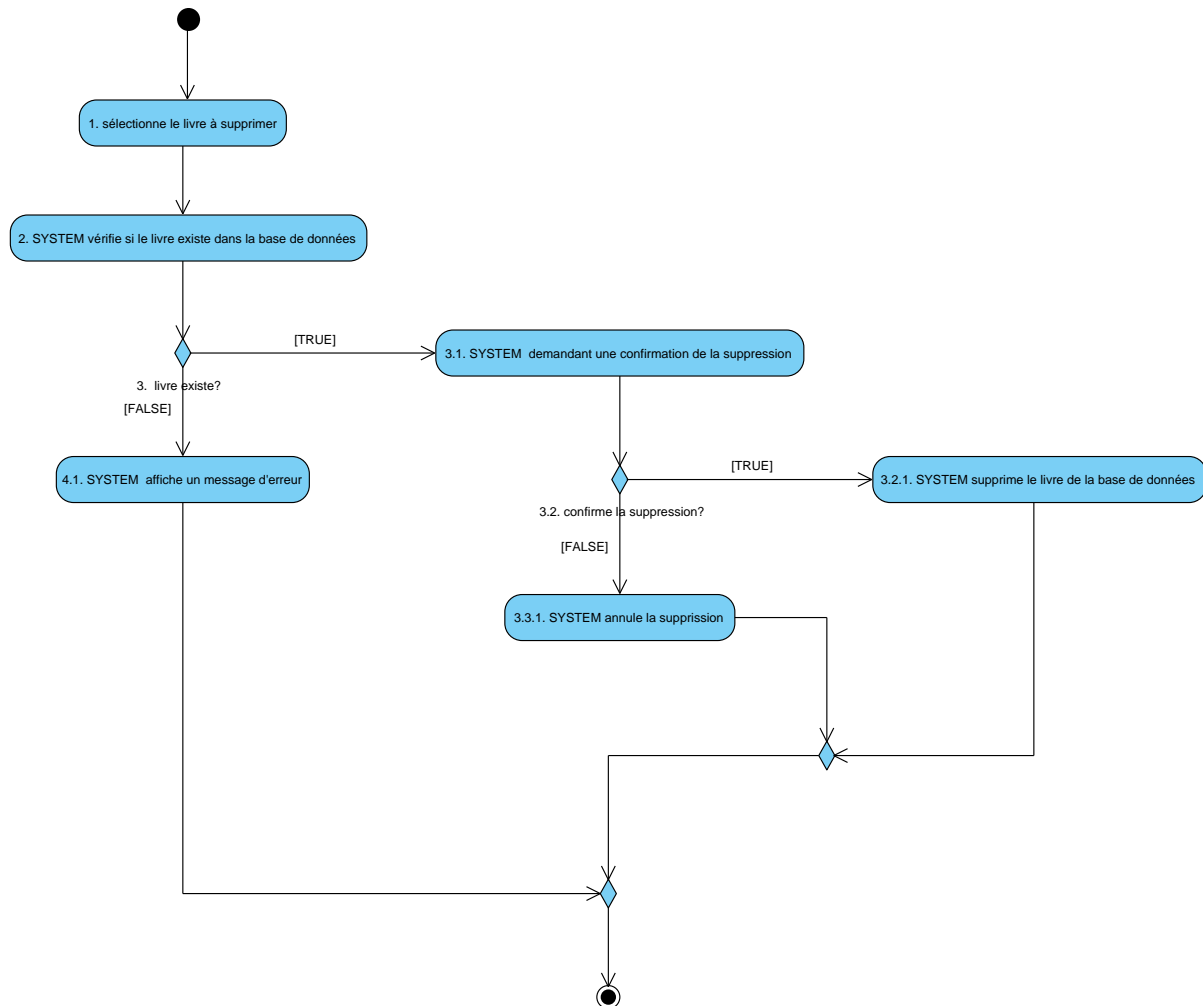
Unnamed Control Flow	
From	 3.1. SYSTEM affiche un message de notification
Transit From	 3.1. SYSTEM affiche un message de notification
Transit To	 N/A
Author	khali
Create Date Time	13/04/2023 03:37:31 #
Last Modified	13/04/2023 10:30:49 #
Leaf	false
Visibility	Unspecified
Quality Score	Good



Name	Value
Transit From	Value
	Flow of Events
	 reserver un livre - Flow of Events.(<unnamed> -> <unnamed>)
Author	khali
Create Date Time	13/04/2023 03:37:31 #
Last Modified	13/04/2023 10:30:49 #
Must Isolate	false
Leaf	false
Visibility	Unspecified
Quality Score	Good


Activity Diagram








Supprimer un livre - Flow of Events



Name	Value
Name	Supprimer un livre - Flow of Events
Author	khali
Create Date Time	13/04/2023 02:40:23 #
Last Modified	13/04/2023 04:05:28 #
Sync Diagram Element Ids	TRI.HuGGAqACBBBa, TRI.HuGGAqACBBBg, TRI.HuGGAqACBBBd, gxl.HuGGAqACBBBm, gxl.HuGGAqACBBCN, gxl.HuGGAqACBBBp, gxl.HuGGAqACBBB7, gxl.HuGGAqACBBBs, gxl.HuGGAqACBBBv, gxl.HuGGAqACBBB1, gxl.HuGGAqACBBB4, gxl.HuGGAqACBBBy, gxl.HuGGAqACBBB., gxl.HuGGAqACBBCE, TRI.HuGGAqACBBBF, gxl.HuGGAqACBBCB, gxl.HuGGAqACBBCH, TRI.HuGGAqACBBBI, TRI.HuGGAqACBBBL, gxl.HuGGAqACBBBj, TRI.HuGGAqACBBBO, gxl.HuGGAqACBBCK, TRI.HuGGAqACBBBR, TRI.HuGGAqACBBBU, TRI.HuGGAqACBBBX


Summary

Name	Documentation
 1. sélectionne le livre à supprimer	




 2. SYSTEM vérifie si le livre existe dans la base de données	
 3. livre existe?	
 3.1. SYSTEM demandant une confirmation de la suppression	
 3.2. confirme la suppression?	
 3.2.1. SYSTEM supprime le livre de la base de données	
 3.3.1. SYSTEM annule la suppression	
 4.1. SYSTEM affiche un message d'erreur	

Details



 N/A

Name	Value
Transit From	Flow of Events
Transit To	 N/A (<unnamed> -> 1. sélectionne le livre à supprimer)
Author	khali
Create Date Time	13/04/2023 02:40:23 #
Last Modified	13/04/2023 02:46:15 #
Must Isolate	false
Leaf	false
Visibility	Unspecified
Quality Score	Good




Relationships




Unnamed Control Flow	
To	 1. sélectionne le livre à supprimer
Transit From	 N/A
Transit To	 1. sélectionne le livre à supprimer
Author	khali
Create Date Time	13/04/2023 02:40:23 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

1. sélectionne le livre à supprimer



Name	Value	
Transit From	Value	
	sélectionne le livre à supprimer	
	 Supprimer un livre - Flow of Events.(<unnamed> -> 1. sélectionne le livre à supprimer)	
Transit To	 N/A (1. sélectionne le livre à supprimer -> 2. SYSTEM vérifie si le livre existe dans la base de données)	
Author	khali	
Create Date Time	13/04/2023 02:40:23 #	
Last Modified	13/04/2023 02:46:15 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	 2. SYSTEM vérifie si le livre existe dans la base de données
Transit From	 1. sélectionne le livre à supprimer
Transit To	 2. SYSTEM vérifie si le livre existe dans la base de données
Author	khali
Create Date Time	13/04/2023 02:40:23 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	 N/A
Transit From	 N/A
Transit To	 1. sélectionne le livre à supprimer
Author	khali
Create Date Time	13/04/2023 02:40:23 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

2. SYSTEM vérifie si le livre existe dans la base de données




Name	Value	
Transit From	Value	
	vérifie si le livre existe dans la base de données	
	 Supprimer un livre - Flow of Events.(1. sélectionne le livre à supprimer -> 2. SYSTEM vérifie si le livre existe dans la base de données)	
Transit To	 N/A (2. SYSTEM vérifie si le livre existe dans la base de données -> 3. livre existe?)	
Author	khali	
Create Date Time	13/04/2023 02:40:23 #	
Last Modified	13/04/2023 02:46:15 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	 3. livre existe?
Transit From	 2. SYSTEM vérifie si le livre existe dans la base de données
Transit To	 3. livre existe?
Author	khali
Create Date Time	13/04/2023 02:40:23 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

Unnamed Control Flow	
From	 1. sélectionne le livre à supprimer
Transit From	 1. sélectionne le livre à supprimer
Transit To	 2. SYSTEM vérifie si le livre existe dans la base de données
Author	khali
Create Date Time	13/04/2023 02:40:23 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

3. livre existe?

Name	Value	
Transit From	Value	
	livre existe	
	 Supprimer un livre - Flow of Events.(2. SYSTEM vérifie si le livre existe dans la base de données -> 3. livre existe?)	
Transit To	Value	
	 Supprimer un livre - Flow of Events.(3. livre existe? -> 3.1. SYSTEM demandant une confirmation de la suppression)	
	 Supprimer un livre - Flow of Events.(3. livre existe? -> 4.1. SYSTEM affiche un message d'erreur)	
Author	khali	
Create Date Time	13/04/2023 02:40:23 #	
Last Modified	13/04/2023 02:46:15 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships

Unnamed Control Flow	
To	 3.1. SYSTEM demandant une confirmation de la suppression
Transit From	 3. livre existe?
Transit To	 3.1. SYSTEM demandant une confirmation de la suppression
Author	khali
Create Date Time	13/04/2023 02:40:23 #
Last Modified	13/04/2023 02:46:15 #
Guard	TRUE
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
To	4.1. SYSTEM affiche un message d'erreur
Transit From	3. livre existe?
Transit To	4.1. SYSTEM affiche un message d'erreur
Author	khali
Create Date Time	13/04/2023 02:40:23 #
Last Modified	13/04/2023 02:46:15 #
Guard	FALSE
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	2. SYSTEM vérifie si le livre existe dans la base de données
Transit From	2. SYSTEM vérifie si le livre existe dans la base de données
Transit To	3. livre existe?
Author	khali
Create Date Time	13/04/2023 02:40:23 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

3.1. SYSTEM demandant une confirmation de la suppression




Name	Value	
Transit From	Value	
	demandant une confirmation de la suppression	
	CF Supprimer un livre - Flow of Events.(3. livre existe? -> 3.1. SYSTEM demandant une confirmation de la suppression)	
Transit To	CF N/A (3.1. SYSTEM demandant une confirmation de la suppression -> 3.2. confirme la suppression?)	
Author	khali	
Create Date Time	13/04/2023 02:40:23 #	
Last Modified	13/04/2023 02:46:15 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	 3.2. confirme la suppression?
Transit From	 3.1. SYSTEM demandant une confirmation de la suppression
Transit To	 3.2. confirme la suppression?
Author	khali
Create Date Time	13/04/2023 02:40:23 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	 3. livre existe?
Transit From	 3. livre existe?
Transit To	 3.1. SYSTEM demandant une confirmation de la suppression
Author	khali
Create Date Time	13/04/2023 02:40:23 #
Last Modified	13/04/2023 02:46:15 #
Guard	TRUE
Leaf	false
Visibility	Unspecified
Quality Score	Good




3.2. confirme la suppression?

Name	Value	
Transit From	Value	
	confirme la suppression	
	 Supprimer un livre - Flow of Events.(3.1. SYSTEM demandant une confirmation de la suppression -> 3.2. confirme la suppression?)	
Transit To	Value	
	 Supprimer un livre - Flow of Events.(3.2. confirme la suppression? -> 3.2.1. SYSTEM supprime le livre de la base de données)	
	 Supprimer un livre - Flow of Events.(3.2. confirme la suppression? -> 3.3.1. SYSTEM annule la suppression)	
Author	khali	
Create Date Time	13/04/2023 02:40:23 #	
Last Modified	13/04/2023 02:46:15 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary



Relationships

Unnamed Control Flow	
To	 3.2.1. SYSTEM supprime le livre de la base de données
Transit From	 3.2. confirme la suppression?
Transit To	 3.2.1. SYSTEM supprime le livre de la base de données
Author	khali
Create Date Time	13/04/2023 02:40:23 #
Last Modified	13/04/2023 02:46:15 #
Guard	TRUE
Leaf	false
Visibility	Unspecified
Quality Score	Good

Unnamed Control Flow	
To	 3.3.1. SYSTEM annule la suppression
Transit From	 3.2. confirme la suppression?
Transit To	 3.3.1. SYSTEM annule la suppression
Author	khali
Create Date Time	13/04/2023 02:40:23 #
Last Modified	13/04/2023 02:46:15 #
Guard	FALSE
Leaf	false
Visibility	Unspecified
Quality Score	Good

Unnamed Control Flow	
From	 3.1. SYSTEM demandant une confirmation de la suppression
Transit From	 3.1. SYSTEM demandant une confirmation de la suppression
Transit To	 3.2. confirme la suppression?
Author	khali
Create Date Time	13/04/2023 02:40:23 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

3.2.1. SYSTEM supprime le livre de la base de données

Name	Value	
Transit From	Value	
	supprime le livre de la base de données	
	 Supprimer un livre - Flow of Events.(3.2. confirme la suppression? -> 3.2.1. SYSTEM supprime le livre de la base de données)	
Transit To	 N/A (3.2.1. SYSTEM supprime le livre de la base de données -> <unnamed>)	
Author	khali	
Create Date Time	13/04/2023 02:40:23 #	
Last Modified	13/04/2023 02:46:15 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	N/A
Transit From	3.2.1. SYSTEM supprime le livre de la base de données
Transit To	N/A
Author	khali
Create Date Time	13/04/2023 02:40:23 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	3.2. confirme la suppression?
Transit From	3.2. confirme la suppression?
Transit To	3.2.1. SYSTEM supprime le livre de la base de données
Author	khali
Create Date Time	13/04/2023 02:40:23 #
Last Modified	13/04/2023 02:46:15 #
Guard	TRUE
Leaf	false
Visibility	Unspecified
Quality Score	Good

3.3.1. SYSTEM annule la suppression




Name	Value	
Transit From	Value	
	annule la suppression	
	Supprimer un livre - Flow of Events.(3.2. confirme la suppression? -> 3.3.1. SYSTEM annule la suppression)	
Transit To	N/A (3.3.1. SYSTEM annule la suppression -> <unnamed>)	
Author	khali	
Create Date Time	13/04/2023 02:40:23 #	
Last Modified	13/04/2023 02:46:15 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	 N/A
Transit From	 3.3.1. SYSTEM annule la suppression
Transit To	 N/A
Author	khali
Create Date Time	13/04/2023 02:40:23 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	 3.2. confirme la suppression?
Transit From	 3.2. confirme la suppression?
Transit To	 3.3.1. SYSTEM annule la suppression
Author	khali
Create Date Time	13/04/2023 02:40:23 #
Last Modified	13/04/2023 02:46:15 #
Guard	FALSE
Leaf	false
Visibility	Unspecified
Quality Score	Good

 N/A



Name	Value
Transit From	Value
	confirme la suppression
	 Supprimer un livre - Flow of Events.(3.2.1. SYSTEM supprime le livre de la base de données -> <unnamed>)
	 Supprimer un livre - Flow of Events.(3.3.1. SYSTEM annule la suppression -> <unnamed>)
Transit To	 N/A (<unnamed> -> <unnamed>)
Author	khali
Create Date Time	13/04/2023 02:40:23 #
Last Modified	13/04/2023 02:46:15 #
Must Isolate	false
Leaf	false
Visibility	Unspecified
Quality Score	Good

Relationships




Unnamed Control Flow	
From	 3.2.1. SYSTEM supprime le livre de la base de données
Transit From	 3.2.1. SYSTEM supprime le livre de la base de données
Transit To	 N/A
Author	khali
Create Date Time	13/04/2023 02:40:23 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	 3.3.1. SYSTEM annule la suppression
Transit From	 3.3.1. SYSTEM annule la suppression
Transit To	 N/A
Author	khali
Create Date Time	13/04/2023 02:40:23 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

4.1. SYSTEM affiche un message d'erreur




Name	Value	
Transit From	Value	
	affiche un message d'erreur	
	 Supprimer un livre - Flow of Events.(3. livre existe? -> 4.1. SYSTEM affiche un message d'erreur)	
Transit To	 N/A (4.1. SYSTEM affiche un message d'erreur -> <unnamed>)	
Author	khali	
Create Date Time	13/04/2023 02:40:23 #	
Last Modified	13/04/2023 02:46:15 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	 N/A
Transit From	 4.1. SYSTEM affiche un message d'erreur
Transit To	 N/A
Author	khali
Create Date Time	13/04/2023 02:40:23 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

Unnamed Control Flow	
From	 3. livre existe?
Transit From	 3. livre existe?
Transit To	 4.1. SYSTEM affiche un message d'erreur
Author	khali
Create Date Time	13/04/2023 02:40:23 #
Last Modified	13/04/2023 02:46:15 #
Guard	FALSE
Leaf	false
Visibility	Unspecified
Quality Score	Good


 N/A

Name	Value
Transit From	Value
	livre existe
	 Supprimer un livre - Flow of Events.(<u>unnamed</u> -> <u>unnamed</u>)
	 Supprimer un livre - Flow of Events.(4.1. SYSTEM affiche un message d'erreur -> <u>unnamed</u>)
Transit To	 N/A (<u>unnamed</u> -> <u>unnamed</u>)
Author	khali
Create Date Time	13/04/2023 02:40:23 #
Last Modified	13/04/2023 02:46:15 #
Must Isolate	false
Leaf	false
Visibility	Unspecified
Quality Score	Good

Relationships

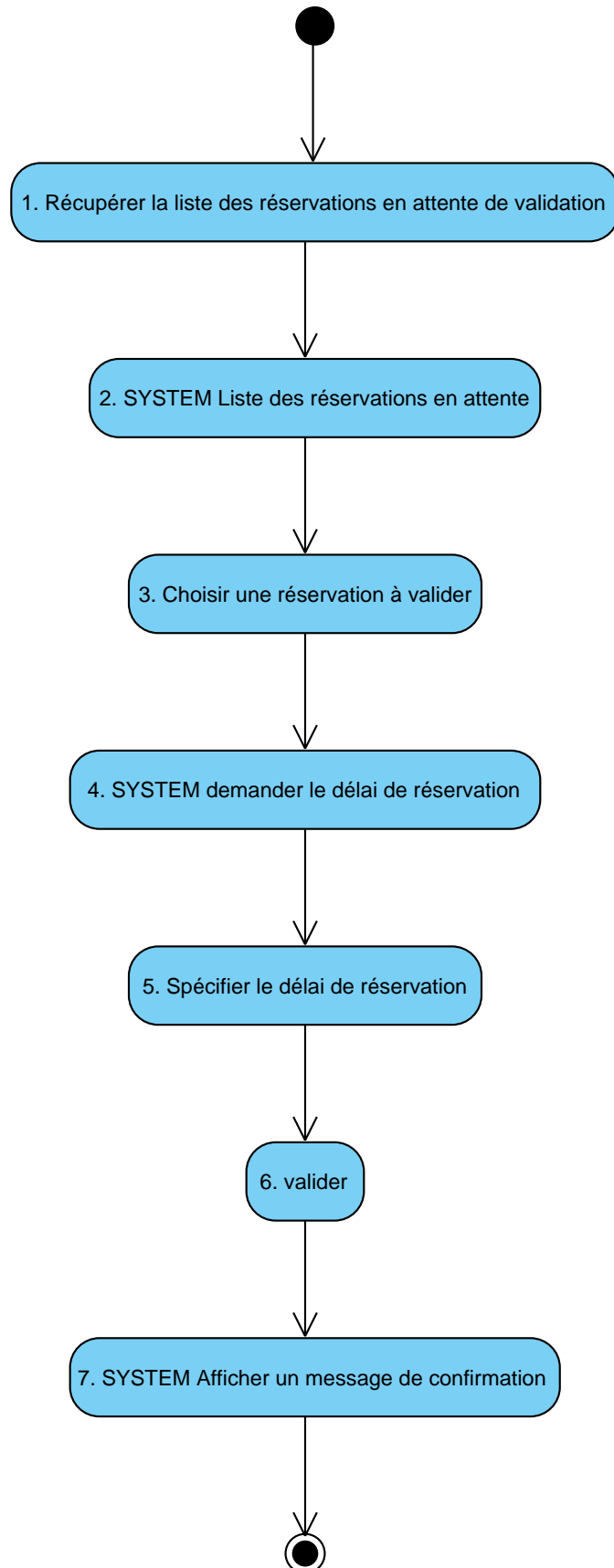
Unnamed Control Flow	
From	 4.1. SYSTEM affiche un message d'erreur
Transit From	 4.1. SYSTEM affiche un message d'erreur
Transit To	 N/A
Author	khali
Create Date Time	13/04/2023 02:40:23 #
Last Modified	13/04/2023 02:46:15 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

N/A

Name	Value
Transit From	Value
	Flow of Events
	 Supprimer un livre - Flow of Events.(<unnamed> -> <unnamed>)
Author	khali
Create Date Time	13/04/2023 02:40:23 #
Last Modified	13/04/2023 02:46:15 #
Must Isolate	false
Leaf	false
Visibility	Unspecified
Quality Score	Good








Activity Diagram

Valider l'emprunt - Flow of Events




Name	Value
Name	Valider l'emprunt - Flow of Events
Author	khali
Create Date Time	13/04/2023 02:58:12 #
Last Modified	13/04/2023 04:05:25 #
Sync Diagram Element Ids	r2kxHuGGAqACBBKY, IOkxHuGGAqACBBK5, IOkxHuGGAqACBBK8, IOkxHuGGAqACBBK2, IOkxHuGGAqACBBKq, IOkxHuGGAqACBBKt, r2kxHuGGAqACBBKV, IOkxHuGGAqACBBKw, r2kxHuGGAqACBBKh, IOkxHuGGAqACBBKz, r2kxHuGGAqACBBKk, r2kxHuGGAqACBBKn, IOkxHuGGAqACBBK_, IOkxHuGGAqACBBLC, r2kxHuGGAqACBBKb, IOkxHuGGAqACBBLF, r2kxHuGGAqACBBKe

Summary

Name	Documentation
 1. Récupérer la liste des réservations en attente de validation	
 2. SYSTEM Liste des réservations en attente	
 3. Choisir une réservation à valider	
 4. SYSTEM demander le délai de réservation	
 5. Spécifier le délai de réservation	
 6. valider	
 7. SYSTEM Afficher un message de confirmation	

Details



● N/A

Name	Value
Transit From	Flow of Events
Transit To	 N/A (<unnamed> -> 1. Récupérer la liste des réservations en attente de validation)
Author	khali
Create Date Time	13/04/2023 02:58:12 #
Last Modified	13/04/2023 03:04:19 #
Must Isolate	false
Leaf	false
Visibility	Unspecified
Quality Score	Good




Relationships


Unnamed Control Flow	
To	 1. Récupérer la liste des réservations en attente de validation
Transit From	 N/A
Transit To	 1. Récupérer la liste des réservations en attente de validation
Author	khali
Create Date Time	13/04/2023 02:58:12 #
Last Modified	13/04/2023 03:04:19 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

1. Récupérer la liste des réservations en attente de validation



Name	Value	
Transit From	Value	
	Récupérer la liste des réservations en attente de validation	
	 Valider l'emprunt - Flow of Events.(<unnamed> -> 1. Récupérer la liste des réservations en attente de validation)	
Transit To	 N/A (1. Récupérer la liste des réservations en attente de validation -> 2. SYSTEM Liste des réservations en attente)	
Author	khali	
Create Date Time	13/04/2023 02:58:12 #	
Last Modified	13/04/2023 03:04:19 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	 2. SYSTEM Liste des réservations en attente
Transit From	 1. Récupérer la liste des réservations en attente de validation
Transit To	 2. SYSTEM Liste des réservations en attente
Author	khali
Create Date Time	13/04/2023 02:58:12 #
Last Modified	13/04/2023 03:04:19 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

Unnamed Control Flow	
From	● N/A
Transit From	● N/A
Transit To	 1. Récupérer la liste des réservations en attente de validation
Author	khali
Create Date Time	13/04/2023 02:58:12 #
Last Modified	13/04/2023 03:04:19 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

2. SYSTEM Liste des réservations en attente



Name	Value	
Transit From	Value	
	Liste des réservations en attente	
	 Valider l'emprunt - Flow of Events.(1. Récupérer la liste des réservations en attente de validation -> 2. SYSTEM Liste des réservations en attente)	
Transit To	 N/A (2. SYSTEM Liste des réservations en attente -> 3. Choisir une réservation à valider)	
Author	khali	
Create Date Time	13/04/2023 02:58:12 #	
Last Modified	13/04/2023 03:04:19 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	 3. Choisir une réservation à valider
Transit From	 2. SYSTEM Liste des réservations en attente
Transit To	 3. Choisir une réservation à valider
Author	khali
Create Date Time	13/04/2023 02:58:12 #
Last Modified	13/04/2023 03:04:19 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	 1. Récupérer la liste des réservations en attente de validation
Transit From	 1. Récupérer la liste des réservations en attente de validation
Transit To	 2. SYSTEM Liste des réservations en attente
Author	khali
Create Date Time	13/04/2023 02:58:12 #
Last Modified	13/04/2023 03:04:19 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

3. Choisir une réservation à valider



Name	Value	
Transit From	Value	
	Choisir une réservation à valider	
	 Valider l'emprunt - Flow of Events.(2. SYSTEM Liste des réservations en attente -> 3. Choisir une réservation à valider)	
Transit To	 N/A (3. Choisir une réservation à valider -> 4. SYSTEM demander le délai de réservation)	
Author	khali	
Create Date Time	13/04/2023 02:58:12 #	
Last Modified	13/04/2023 03:04:19 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	 4. SYSTEM demander le délai de réservation
Transit From	 3. Choisir une réservation à valider
Transit To	 4. SYSTEM demander le délai de réservation
Author	khali
Create Date Time	13/04/2023 02:58:12 #
Last Modified	13/04/2023 03:04:19 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	 2. SYSTEM Liste des réservations en attente
Transit From	 2. SYSTEM Liste des réservations en attente
Transit To	 3. Choisir une réservation à valider
Author	khali
Create Date Time	13/04/2023 02:58:12 #
Last Modified	13/04/2023 03:04:19 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

4. SYSTEM demander le délai de réservation



Name	Value	
Transit From	Value	
	demander le délai de réservation	
	 Valider l'emprunt - Flow of Events.(3. Choisir une réservation à valider -> 4 SYSTEM demander le délai de réservation)	
Transit To	 N/A (4. SYSTEM demander le délai de réservation -> 5. Spécifier le délai de réservation)	
Author	khali	
Create Date Time	13/04/2023 02:58:12 #	
Last Modified	13/04/2023 03:04:19 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	 5. Spécifier le délai de réservation
Transit From	 4. SYSTEM demander le délai de réservation
Transit To	 5. Spécifier le délai de réservation
Author	khali
Create Date Time	13/04/2023 02:58:12 #
Last Modified	13/04/2023 03:04:19 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	 3. Choisir une réservation à valider
Transit From	 3. Choisir une réservation à valider
Transit To	 4. SYSTEM demander le délai de réservation
Author	khali
Create Date Time	13/04/2023 02:58:12 #
Last Modified	13/04/2023 03:04:19 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

5. Spécifier le délai de réservation



Name	Value	
Transit From	Value	
	Spécifier le délai de réservation	
	 Valider l'emprunt - Flow of Events.(4. SYSTEM demander le délai de réservation -> 5. Spécifier le délai de réservation)	
Transit To	 N/A (5. Spécifier le délai de réservation -> 6. valider)	
Author	khali	
Create Date Time	13/04/2023 02:58:12 #	
Last Modified	13/04/2023 03:04:19 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	 6. valider
Transit From	 5. Spécifier le délai de réservation
Transit To	 6. valider
Author	khali
Create Date Time	13/04/2023 02:58:12 #
Last Modified	13/04/2023 03:04:19 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	 4. SYSTEM demander le délai de réservation
Transit From	 4. SYSTEM demander le délai de réservation
Transit To	 5. Spécifier le délai de réservation
Author	khali
Create Date Time	13/04/2023 02:58:12 #
Last Modified	13/04/2023 03:04:19 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

6. valider



Name	Value	
Transit From	Value	
	valider	
	 Valider l'emprunt - Flow of Events.(5. Spécifier le délai de réservation -> 6. valider)	
Transit To	 N/A (6. valider -> 7. SYSTEM Afficher un message de confirmation)	
Author	khali	
Create Date Time	13/04/2023 02:58:12 #	
Last Modified	13/04/2023 03:04:19 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	 7. SYSTEM Afficher un message de confirmation
Transit From	 6. valider
Transit To	 7. SYSTEM Afficher un message de confirmation
Author	khali
Create Date Time	13/04/2023 02:58:12 #
Last Modified	13/04/2023 03:04:19 #
Leaf	false
Visibility	Unspecified
Quality Score	Good




Unnamed Control Flow	
From	 5. Spécifier le délai de réservation
Transit From	 5. Spécifier le délai de réservation
Transit To	 6. valider
Author	khali
Create Date Time	13/04/2023 02:58:12 #
Last Modified	13/04/2023 03:04:19 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

7. SYSTEM Afficher un message de confirmation


Name	Value	
Transit From	Value	
	Afficher un message de confirmation	
	 Valider l'emprunt - Flow of Events.(6. valider -> 7. SYSTEM Afficher un message de confirmation)	
Transit To	 N/A (7. SYSTEM Afficher un message de confirmation -> <unnamed>)	
Author	khali	
Create Date Time	13/04/2023 02:58:12 #	
Last Modified	13/04/2023 03:04:19 #	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships




Unnamed Control Flow	
To	 N/A
Transit From	 7. SYSTEM Afficher un message de confirmation
Transit To	 N/A
Author	khali
Create Date Time	13/04/2023 02:58:12 #
Last Modified	13/04/2023 03:04:19 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

Unnamed Control Flow	
From	 6. valider
Transit From	 6. valider
Transit To	 7. SYSTEM Afficher un message de confirmation
Author	khali
Create Date Time	13/04/2023 02:58:12 #
Last Modified	13/04/2023 03:04:19 #
Leaf	false
Visibility	Unspecified
Quality Score	Good

 N/A

Name	Value
Transit From	Value
	Flow of Events
	 Valider l'emprunt - Flow of Events.(7. SYSTEM Afficher un message de confirmation -> <unnamed>)
Author	khali
Create Date Time	13/04/2023 02:58:12 #
Last Modified	13/04/2023 03:04:19 #
Must Isolate	false
Leaf	false
Visibility	Unspecified
Quality Score	Good

Relationships

Unnamed Control Flow	
From	 7. SYSTEM Afficher un message de confirmation
Transit From	 7. SYSTEM Afficher un message de confirmation
Transit To	 N/A
Author	khali
Create Date Time	13/04/2023 02:58:12 #
Last Modified	13/04/2023 03:04:19 #
Leaf	false
Visibility	Unspecified
Quality Score	Good