

1. Project

1.1. Property Section

 General properties		 Services	
		Job Group Name	WEBRATIO
Output Path	\${webapps_loc}/\${project_name}		
HTTP Port	8080		
HTTPS Port	8443		
Enable Admin Area	true		
Admin Path	admin.do		
Admin Username	admin		
Crypted Admin Password	true		
Admin Password	*****		
Global URL Fragment	Value		
Home Site View	 Home		
Default Locale	 English [United States]		

1.2. Summary Section

1.2.1. Domain Model

1.2.2. Locale Summary

[English \[United States \]](#)

1.2.3. [SMTP hello_world_Server](#)

1.2.4. [SMTP Libero](#)

1.2.5. [Domain Model /](#) [DB](#)

1.2.6. [SMTP Libero /](#) [mail.smtp.ssl.enable](#)

1.3. Details Section

1.3.1. ContextParameter List

CountryISOCtxParam

 General properties	
Name	CountryISOCtxParam
Type	string

GroupCtxParam

 General properties	
Name	GroupCtxParam
Type	entity
Entity	 Group

• LanguageISOCtxParam

General properties	
Name	LanguageISOCtxParam
Type	string

• UserCtxParam

General properties	
Name	UserCtxParam
Type	entity
Entity	User

1.3.2. Locale List

Flag English [United States]

General properties	
Language	en
Country	US

1.3.3. ServiceDataProviders List

Mail SMTP hello_world_Server

General properties	
Name	SMTP hello_world_Server
Port	465
Use SSL	true
URL	smtp.libero.it
Username	hello_world_@libero.it
Password	*****
Default From	hello_world_@libero.it

Mail SMTP Libero

General properties	
Name	SMTP Libero
Port	465
Use SSL	true
URL	smtp.libero.it
Username	jessica.frabotta@libero.it
Password	*****
Crypted	true
Default From	jessica.frabotta@libero.it

Database Domain Model / DB

General properties	
Name	DB

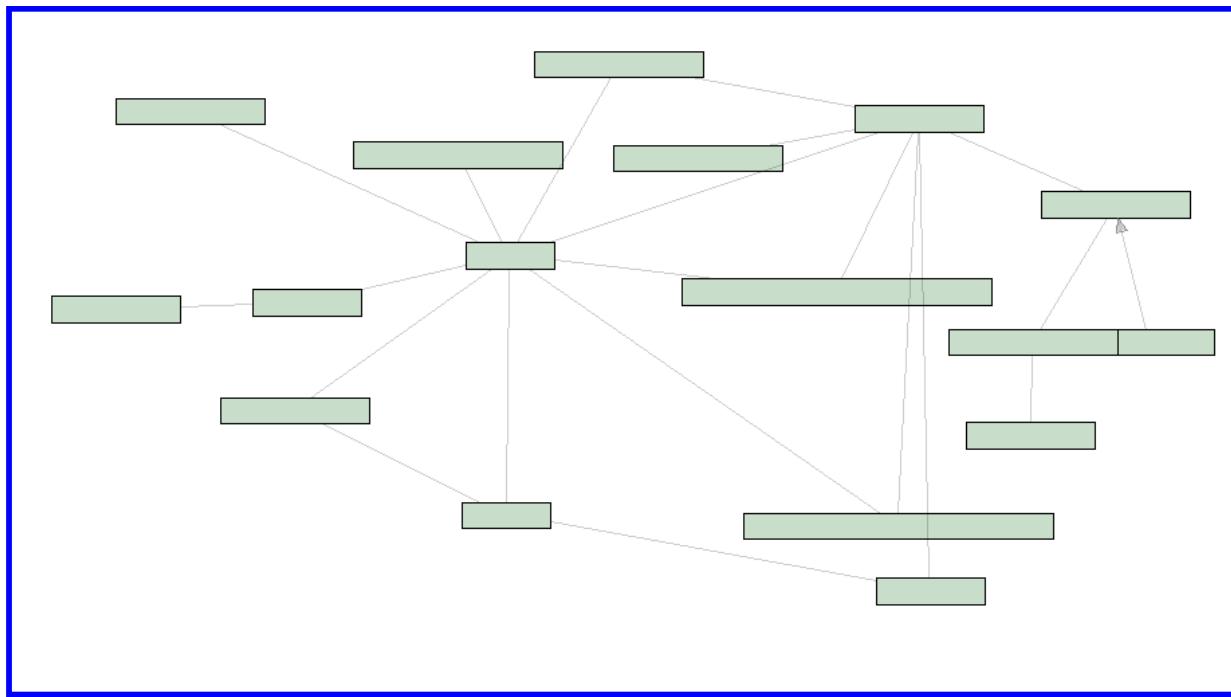
 [SMTP Libero](#) / • mail.smtp.ssl.enable

 General properties

Name	mail.smtp.ssl.enable
Value	true

2. [DataModel] Domain Model

 Project /  Domain Model



2.1. Summary Section

2.1.1. Entity Summary

-  [Category](#) Duration=persistent
-  [Comment](#) Duration=persistent
-  [Content](#) Duration=persistent
-  [Course](#) Duration=persistent
-  [Course followed](#) Duration=persistent
-  [Curriculum](#) Duration=persistent
-  [Exercise](#) Duration=persistent
-  [Feedback](#) Duration=persistent
-  [Forum](#) Duration=persistent
-  [Group](#) Duration=persistent
-  [Lesson](#) Duration=persistent
-  [Module](#) Duration=persistent
-  [Option](#) Duration=persistent
-  [Post](#) Duration=persistent
-  [Private message](#) Duration=persistent
-  [Support](#) Duration=persistent
-  [User](#) Duration=persistent

2.1.2. Relationship Summary

-  [Category_Course](#)
-  [Comment_Post](#)
-  [Course_Content](#)
-  [Course_Feedback](#)
-  [Course_Forum](#)
-  [Courses followed_Course](#)
-  [Exercise_Options](#)
-  [Group_DefaultModule](#)
-  [Group_Module](#)
-  [Post_Forum](#)
-  [Private message_Course](#)
-  [Support_User](#)
-  [User_Comment](#)

- ⌚ [User_Course](#)
- ⌚ [User_Courses followed](#)
- ⌚ [User_Curriculum](#)
- ⌚ [User_DefaultGroup](#)
- ⌚ [User_Feedback](#)
- ⌚ [User_Group](#)
- ⌚ [User_Post](#)
- ⌚ [User_Private message](#)

2.1.3. Database Summary



[DB](#)

2.2. Details Section

2.2.1. Relationship List

⌚ Category_Course

General properties	
Name	Category_Course
Source Entity	⌚ Category
Target Entity	⌚ Course

⌚ Comment_Post

General properties	
Name	Comment_Post
Source Entity	⌚ Comment
Target Entity	⌚ Post

⌚ Course_Content

General properties	
Name	Course_Content
Source Entity	⌚ Course
Target Entity	⌚ Content

⌚ Course_Feedback

General properties	
Name	Course_Feedback
Source Entity	⌚ Course
Target Entity	⌚ Feedback

⌚ Course_Forum

General properties	
Name	Course_Forum
Source Entity	⌚ Course
Target Entity	⌚ Forum

⌚ Courses followed_Course

General properties	
Name	Courses followed_Course
Source Entity	E Course followed
Target Entity	E Course

R Exercise_Options

General properties	
Name	Exercise_Options
Source Entity	E Exercise
Target Entity	E Option

R Group_DefaultModule

General properties	
Name	Group_DefaultModule
Source Entity	E Group
Target Entity	E Module

R Group_Module

General properties	
Name	Group_Module
Source Entity	E Group
Target Entity	E Module

R Post_Forum

General properties	
Name	Post_Forum
Source Entity	E Post
Target Entity	E Forum

R Private message_Course

General properties	
Name	Private message_Course
Source Entity	E Private message
Target Entity	E Course

R Support_User

General properties	
Name	Support_User
Source Entity	E Support
Target Entity	E User

R User_Comment

General properties

Name	User_Comment
Source Entity	 User
Target Entity	 Comment

User_Course

General properties

Name	User_Course
Source Entity	 User
Target Entity	 Course

User_Courses followed

General properties

Name	User_Courses followed
Source Entity	 User
Target Entity	 Course followed

User_Curriculum

General properties

Name	User_Curriculum
Source Entity	 User
Target Entity	 Curriculum

User_DefaultGroup

General properties

Name	User_DefaultGroup
Source Entity	 User
Target Entity	 Group

User_Feedback

General properties

Name	User_Feedback
Source Entity	 User
Target Entity	 Feedback

User_Group

General properties

Name	User_Group
Source Entity	 User
Target Entity	 Group

User_Post

General properties

Name	User_Post
Source Entity	 User
Target Entity	 Post

User_Private message

General properties

Name	User_Private message
Source Entity	 User
Target Entity	 Private message

2.3. [Entity] Category

 [Project](#) /  [Domain Model](#) /  [Category](#)

2.3.1. Property Section

General properties

Name	Category
Duration	persistent
Attribute Order	 oid  Category  #courses

2.3.2. Summary Section

2.3.2.1. Attribute Summary

 [oid](#) Key=true Type=integer
 [Category](#) Type=string
 [#courses](#) Type=integer Derivation=count(Self.CategoryToCourse(asVar1))

2.3.2.2. Incoming Role Summary

 [CourseToCategory](#) from  [Course](#) to  [Category](#)

2.3.2.3. Outgoing Role Summary

 [CategoryToCourse](#) from  [Category](#) to  [Course](#)

2.4. [Entity] Comment

 [Project](#) /  [Domain Model](#) /  [Comment](#)

2.4.1. Property Section

General properties

Name	Comment
Duration	persistent
Attribute Order	 oid  Comment  Insert Time  Username

2.4.2. Summary Section

2.4.2.1. Attribute Summary

 [oid](#) Key=true Type=integer
 [Comment](#) Type=text
 [Insert Time](#) Type=timestamp
 [Username](#) Type=string Derivation=Self.CommentToUser.UserName

2.4.2.2. Incoming Role Summary

UserToComment	from User	to Comment
PostToComment	from Post	to Comment

2.4.2.3. Outgoing Role Summary

CommentToPost	from Comment	to Post
CommentToUser	from Comment	to User

2.5. [Entity] Content

[Project](#) / [Domain Model](#) / [Content](#)

2.5.1. Property Section

Name	Content
Duration	persistent
Attribute Order	oid Order Name Description

2.5.2. Summary Section

2.5.2.1. Attribute Summary

- [oid](#) Key=true Type=integer
- [Order](#) Type=integer
- [Name](#) Type=string
- [Description](#) Type=text

2.5.2.2. Incoming Role Summary

CourseToContent	from Course	to Content
-----------------	-----------------------------	----------------------------

2.5.2.3. Outgoing Role Summary

ContentToCourse	from Content	to Course
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2.6. [Entity] Course

[Project](#) / [Domain Model](#) / [Course](#)

2.6.1. Property Section

Name	Course
Duration	persistent
Attribute Order	oid Name description avgrating #followers

2.6.2. Summary Section

2.6.2.1. Attribute Summary

- [oid](#) Key=true Type=integer
- [Name](#) Type=string
- [description](#) Type=text
- [avgrating](#) Type=float Derivation=avg(Self.CourseToFeedback(asVar1).rating)
- [#followers](#) Type=integer Derivation=count(Self.CourseToCourses followed(asVar1))

2.6.2.2. Incoming Role Summary

UserToCourse	from User	to Course
Private messageToCourse	from Private message	to Course

R Courses followedToCourse	from E Course followed	to E Course
R CategoryToCourse	from E Category	to E Course
R ForumToCourse	from E Forum	to E Course
R ContentToCourse	from E Content	to E Course
R FeedbackToCourse	from E Feedback	to E Course

2.6.2.3. Outgoing Role Summary

R CourseToForum	from E Course	to E Forum
R CourseToContent	from E Course	to E Content
R CourseToFeedback	from E Course	to E Feedback
R CourseToUser	from E Course	to E User
R CourseToPrivate message	from E Course	to E Private message
R CourseToCourses followed	from E Course	to E Course followed
R CourseToCategory	from E Course	to E Category

2.7. [Entity] Course followed

 [Project](#) /  [Domain Model](#) / **E** [Course followed](#)

2.7.1. Property Section

 General properties	
Name	Course followed
Duration	persistent
Attribute Order	@ oid @ Start date

2.7.2. Summary Section

2.7.2.1. Attribute Summary

- ⑧ [oid](#) Key=true Type=integer
- ⑧ [Start date](#) Type=date

2.7.2.2. Incoming Role Summary

R UserToCourses followed	from E User	to E Course followed
R CourseToCourses followed	from E Course	to E Course followed

2.7.2.3. Outgoing Role Summary

R Courses followedToCourse	from E Course followed	to E Course
R Courses followedToUser	from E Course followed	to E User

2.8. [Entity] Curriculum

 [Project](#) /  [Domain Model](#) / **E** [Curriculum](#)

2.8.1. Property Section

 General properties	
Name	Curriculum
Duration	persistent
Attribute Order	@ oid @ Curriculum

2.8.2. Summary Section

2.8.2.1. Attribute Summary

- ⑧ [oid](#) Key=true Type=integer
- ⑧ [Curriculum](#) Type=blob

2.8.2.2. Incoming Role Summary

 [UserToCurriculum](#) from  [User](#) to  [Curriculum](#)

2.8.2.3. Outgoing Role Summary

 [CurriculumToUser](#) from  [Curriculum](#) to  [User](#)

2.9. [Entity] Exercise

 [Project](#) /  [Domain Model](#) /  [Exercise](#)

2.9.1. Property Section

 General properties	
Name	Exercise
Duration	persistent
Attribute Order	⑧ Solution
Super Entity	 Content

2.9.2. Summary Section

2.9.2.1. Attribute Summary

- ⑧ [Solution](#) Type=string

2.9.2.2. Incoming Role Summary

 [CourseToContent](#) from  [Course](#) to  [Content](#)
 [OptionsToExercise](#) from  [Option](#) to  [Exercise](#)

2.9.2.3. Outgoing Role Summary

 [ContentToCourse](#) from  [Content](#) to  [Course](#)
 [ExerciseToOptions](#) from  [Exercise](#) to  [Option](#)

2.10. [Entity] Feedback

 [Project](#) /  [Domain Model](#) /  [Feedback](#)

2.10.1. Property Section

 General properties	
Name	Feedback
Duration	persistent
Attribute Order	⑧ oid ⑧ rating

2.10.2. Summary Section

2.10.2.1. Attribute Summary

- ⑧ [oid](#) Key=true Type=integer
- ⑧ [rating](#) Type=integer

2.10.2.2. Incoming Role Summary

 [UserToFeedback](#) from  [User](#) to  [Feedback](#)
 [CourseToFeedback](#) from  [Course](#) to  [Feedback](#)

2.10.2.3. Outgoing Role Summary

R FeedbackToUser	from E Feedback	to E User
R FeedbackToCourse	from E Feedback	to E Course

2.11. [Entity] Forum

 Project /  Domain Model / **E** Forum

2.11.1. Property Section

 General properties	
Name	Forum
Duration	persistent
Attribute Order	@ oid @ Name

2.11.2. Summary Section

2.11.2.1. Attribute Summary

- @ [oid](#) Key=true Type=integer
- @ [Name](#) Type=string Derivation=Self.ForumToCourse.Name

2.11.2.2. Incoming Role Summary

R CourseToForum	from E Course	to E Forum
R PostToForum	from E Post	to E Forum

2.11.2.3. Outgoing Role Summary

R ForumToCourse	from E Forum	to E Course
R ForumToPost	from E Forum	to E Post

2.12. [Entity] Group

 Project /  Domain Model / **E** Group

2.12.1. Property Section

 General properties	
Name	Group
Duration	persistent
Attribute Order	@ oid @ groupName

2.12.2. Summary Section

2.12.2.1. Attribute Summary

- @ [oid](#) Key=true Type=integer
- @ [groupName](#) Type=string

2.12.2.2. Incoming Role Summary

R groups	from E User	to E Group
R defaultGroup	from E User	to E Group
R groups	from E Module	to E Group
R defaultGroups	from E Module	to E Group

2.12.2.3. Outgoing Role Summary

R modules	from E Group	to E Module
R defaultModule	from E Group	to E Module
R users	from E Group	to E User
R defaultUsers	from E Group	to E User

2.13. [Entity] Lesson

 Project /  Domain Model / **E** Lesson

2.13.1. Property Section

General properties		
Name	Lesson	
Duration	persistent	
Attribute Order	@ Video	
Super Entity	E Content	

2.13.2. Summary Section

2.13.2.1. Attribute Summary

R [Video](#) Type=blob

2.13.2.2. Incoming Role Summary

R CourseToContent	from E Course	to E Content
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2.13.2.3. Outgoing Role Summary

R ContentToCourse	from E Content	to E Course
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2.14. [Entity] Module

 Project /  Domain Model / **E** Module

2.14.1. Property Section

General properties		
Name	Module	
Duration	persistent	
Attribute Order	@ oid @ moduleId @ moduleName	

2.14.2. Summary Section

2.14.2.1. Attribute Summary

@ [oid](#) Key=true Type=integer
@ [moduleId](#) Type=string
@ [moduleName](#) Type=string

2.14.2.2. Incoming Role Summary

R modules	from E Group	to E Module
R defaultModule	from E Group	to E Module

2.14.2.3. Outgoing Role Summary

R groups	from E Module	to E Group
R defaultGroups	from E Module	to E Group

2.15. [Entity] Option

 Project /  Domain Model /  Option

2.15.1. Property Section

General properties	
Name	Option
Duration	persistent
Attribute Order	@ oid @ Option

2.15.2. Summary Section

2.15.2.1. Attribute Summary

- @ [oid](#) Key=true Type=integer
- @ [Option](#) Type=string

2.15.2.2. Incoming Role Summary

 ExerciseToOptions from  [Exercise](#) to  [Option](#)

2.15.2.3. Outgoing Role Summary

 OptionsToExercise from  [Option](#) to  [Exercise](#)

2.16. [Entity] Post

 Project /  Domain Model /  Post

2.16.1. Property Section

General properties	
Name	Post
Duration	persistent
Attribute Order	@ oid @ Title @ Description @ Insert Time @ Username

2.16.2. Summary Section

2.16.2.1. Attribute Summary

- @ [oid](#) Key=true Type=integer
- @ [Title](#) Type=string
- @ [Description](#) Type=text
- @ [Insert Time](#) Type=timestamp
- @ [Username](#) Type=string Derivation=Self.PostToUser.Username

2.16.2.2. Incoming Role Summary

 UserToPost from  [User](#) to  [Post](#)

 CommentToPost from  [Comment](#) to  [Post](#)

 ForumToPost from  [Forum](#) to  [Post](#)

2.16.2.3. Outgoing Role Summary

 PostToForum from  [Post](#) to  [Forum](#)

 PostToUser from  [Post](#) to  [User](#)

 PostToComment from  [Post](#) to  [Comment](#)

2.17. [Entity] Private message

 [Project](#) /  [Domain Model](#) /  [Private message](#)

2.17.1. Property Section

General properties	
Name	Private message
Duration	persistent
Attribute Order	@ oid @ Title @ Description @ Status @ Insertion date @ Answer @ UserName

2.17.2. Summary Section

2.17.2.1. Attribute Summary

- ⑧ [oid](#) Key=true Type=integer
- ⑧ [Title](#) Type=string
- ⑧ [Description](#) Type=text
- ⑧ [Status](#) Type=string
- ⑧ [Insertion date](#) Type=date
- ⑧ [Answer](#) Type=text
- ⑧ [UserName](#) Type=string Derivation=Self.Private messageToUser.UserName

2.17.2.2. Incoming Role Summary

 UserToPrivate message	from  User	to  Private message
 CourseToPrivate message	from  Course	to  Private message

2.17.2.3. Outgoing Role Summary

 Private messageToCourse	from  Private message	to  Course
 Private messageToUser	from  Private message	to  User

2.18. [Entity] Support

 [Project](#) /  [Domain Model](#) /  [Support](#)

2.18.1. Property Section

General properties	
Name	Support
Duration	persistent
Attribute Order	@ oid @ Title @ Description @ Status @ Solution @ Insertion date @ UserOid @ UserName

2.18.2. Summary Section

2.18.2.1. Attribute Summary

- ⑧ [oid](#) Key=true Type=integer
- ⑧ [Title](#) Type=string
- ⑧ [Description](#) Type=text
- ⑧ [Status](#) Type=string
- ⑧ [Solution](#) Type=text
- ⑧ [Insertion date](#) Type=date
- ⑧ [UserOid](#) Type=integer Derivation=Self.SupportToUser.oid
- ⑧ [UserName](#) Type=string Derivation=Self.SupportToUser.UserName

2.18.2.2. Incoming Role Summary

 UserToSupport	from  User	to  Support
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2.18.2.3. Outgoing Role Summary

R SupportToUser from **E** [Support](#) to **E** [User](#)

2.19. [Entity] User

 [Project](#) /  [Domain Model](#) / **E** [User](#)

2.19.1. Property Section

General properties	
Name	User
Duration	persistent
Attribute Order	@ oid @ User Name @ Password @ Email @ FirstName @ LastName @ isApproved

2.19.2. Summary Section

2.19.2.1. Attribute Summary

R [oid](#) Key=true Type=integer
R [User Name](#) Type=string
R [Password](#) Type=password
R [Email](#) Type=string
R [FirstName](#) Type=string
R [LastName](#) Type=string
R [isApproved](#) Type=integer

2.19.2.2. Incoming Role Summary

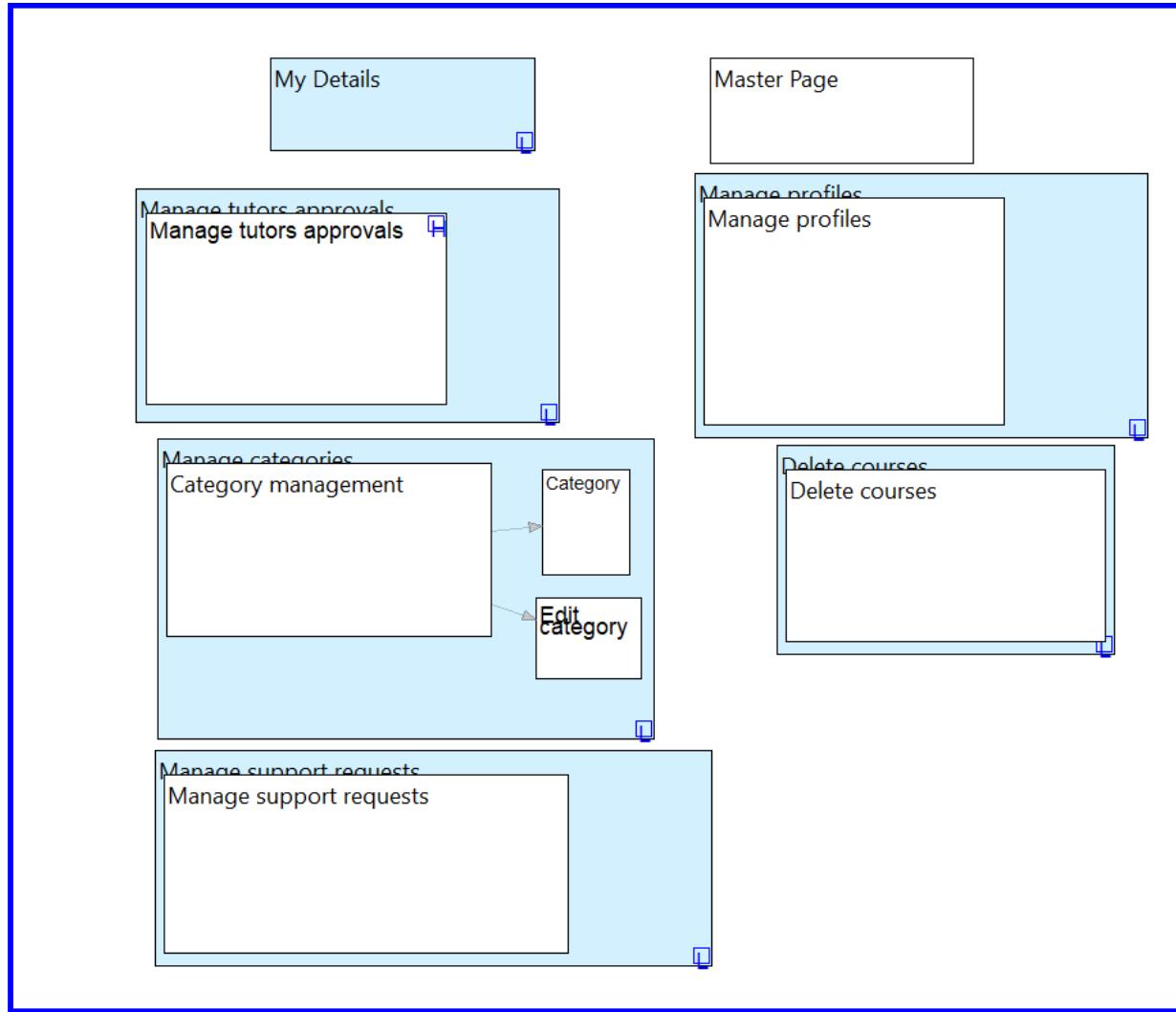
R SupportToUser	from E Support	to E User
R CourseToUser	from E Course	to E User
R Private messageToUser	from E Private message	to E User
R FeedbackToUser	from E Feedback	to E User
R CommentToUser	from E Comment	to E User
R users	from E Group	to E User
R PostToUser	from E Post	to E User
R defaultUsers	from E Group	to E User
R CurriculumToUser	from E Curriculum	to E User
R Courses followedToUser	from E Course followed	to E User

2.19.2.3. Outgoing Role Summary

R UserToCourse	from E User	to E Course
R UserToPrivate message	from E User	to E Private message
R UserToFeedback	from E User	to E Feedback
R UserToComment	from E User	to E Comment
R groups	from E User	to E Group
R UserToPost	from E User	to E Post
R defaultGroup	from E User	to E Group
R UserToCurriculum	from E User	to E Curriculum
R UserToCourses followed	from E User	to E Course followed
R UserToSupport	from E User	to E Support

3. [SiteView] Administration

 [Project](#) /  [Administration](#)



3.1. Property Section

General properties	
Name	Administration
Home Page	 Manage tutors approvals
Landmarks	 Manage tutors approvals  Manage profiles  Manage categories  Delete courses  Manage support requests  My Details
Protected	true

3.2. Summary Section

3.2.1. Area Summary

-  [Delete courses](#)
-  [Manage categories](#)
-  [Manage profiles](#)
-  [Manage support requests](#)
-  [Manage tutors approvals](#)
-  [My Details](#)

3.2.2. MasterPage Summary

 [Master Page](#)

3.2.3. Component Summary

- [MailUnit] [Approval email](#)
- [CreateUnit] [Create category](#)
- [ModuleInstanceUnit] [Delete course](#)
- [LogoutUnit] [Logout](#)
- [MailUnit] [Rejection email](#)
- [ModifyUnit] [Update category](#)

3.2.4. Landmark Summary

- [Delete courses](#)
- [Manage categories](#)
- [Manage profiles](#)
- [Manage support requests](#)
- [Manage tutors approvals](#)
- [My Details](#)

3.2.5. Incoming Flow Summary

→ Delete	from Delete courses / [PowerIndexUnit] Courses list	to [ModuleInstanceUnit] Delete course
→ Logout	from Master Page / [DataUnit] Select User	to [LogoutUnit] Logout
→ Save	from Category management / [EntryUnit] Create category	to [CreateUnit] Create category
→ Save	from Edit category / [EntryUnit] Edit category	to [ModifyUnit] Update category
→ OKFlow6	from Manage tutors approvals / [DeleteUnit] Reject tutor	to [MailUnit] Rejection email
→ OKFlow8	from Manage tutors approvals / [ModifyUnit] Approve tutor	to [MailUnit] Approval email

3.2.6. Outgoing Flow Summary

→ OKFlow11	from [CreateUnit] Create category	to Category management / [MultiMessageUnit] Operation outcome
→ OKFlow13	from [ModifyUnit] Update category	to Category management / [PowerIndexUnit] Category list
→ OKFlow20	from [ModuleInstanceUnit] Delete course	to Delete courses / [PowerIndexUnit] Courses list
→ KOFflow6	from [ModuleInstanceUnit] Delete course	to Delete courses / [MultiMessageUnit] Error

3.3. Details Section

✉ [MailUnit] Approval email

General properties	
Name	Approval email
SMTP Server	SMTP hello_world_Server
Format	HTML
Body Template File	WEB-INF/descr/template2.template

Incoming Parameter		Outgoing Parameter	
Mail - Bcc	None	Email Body (Array)	None
Mail - Body	None	Email ID (Array)	None
Mail - Cc	None	Email Subject (Array)	None
Mail - From	None	Exception s	None
Mail - Subject	Tutorrequest	Failure Reasons	None
Mail - To	Email Manage tutors approvals / [PowerIndexUnit] Pending tutors.	Invalid Addresses	None
SMTP Server - Host	None		
SMTP Server - Password	None		
SMTP Server - Port	None		
SMTP Server - Protocol	None		
SMTP Server - Use SSL	None		
SMTP Server - Username	None		
username	UserName Manage tutors approvals / [PowerIndexUnit] Pending tutors.		

[CreateUnit] Create category

General properties			
Name	Create category		
Entity	Category		
Incoming Parameter		Outgoing Parameter	
Category	Categoryname Category management / [EntryUnit] Create category .	→ Save	Category
Category Object	None		
Course.oid (Category ToCourse)	None		
oid	None		

[ModuleInstanceUnit] Delete course

General properties	
Module	Delete course

Incoming Parameter

Course key	oid Delete courses / [PowerIndexUnit] Courses list.	→ Delete
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[LogoutUnit] Logout

General properties

Name	Logout
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Site View	Home
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[MailUnit] Rejection email

General properties

Name	Rejection email
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SMTP Server	SMTP hello_world_Server
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Format	HTML
--------	------

Body Template File	WEB-INF/descr/template3.template
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Incoming Parameter

Mail - Bcc	None
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Mail - Body	None
-------------	------

Mail - Cc	None
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Mail - From	None
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Mail - Subject	Tutorrequest	→ OKFlow6
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Mail - To	Email Manage tutors approvals / [PowerIndexUnit] Pending tutors.	→ Reject → OKFlow6
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SMTP Server - Host	None
--------------------	------

SMTP Server - Password	None
------------------------	------

SMTP Server - Port	None
--------------------	------

SMTP Server - Protocol	None
------------------------	------

SMTP Server - Use SSL	None
-----------------------	------

SMTP Server - Username	None
------------------------	------

username	UserName Manage tutors approvals / [PowerIndexUnit] Pending tutors.	→ Reject → OKFlow6
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[ModifyUnit] Update category

General properties

Name	Update category
------	-----------------

Entity	Category
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Incoming Parameter		Outgoing Parameter	
Category	Categoryname Edit category / Save [EntryUnit] Edit category .	oid	None
Category Object	None		
Course.oid (Category ToCourse)	None		
KeyCondition7 [oid]	oid Category management / Edit → Save [PowerIndexUnit] Category list .		

SubUnit List

 [ModifyUnit] [Update category](#) /

General properties	
Default Policy	Fill
Boolean Operator	And

 [ModifyUnit] [Update category](#) / KeyCondition7

General properties	
Name	KeyCondition7
Predicate	In
Required	True

3.3.1. Outgoing Link List

 [CreateUnit] [Create category](#) / → OKFlow11

General properties	
Name	OKFlow11
Source	[CreateUnit] Create category
Target	Operation outcome

 [ModifyUnit] [Update category](#) / → OKFlow13

General properties	
Name	OKFlow13
Source	[ModifyUnit] Update category
Target	Category list
Automatic Binding	true

 [ModuleInstanceUnit] [Delete course](#) / → OKFlow20

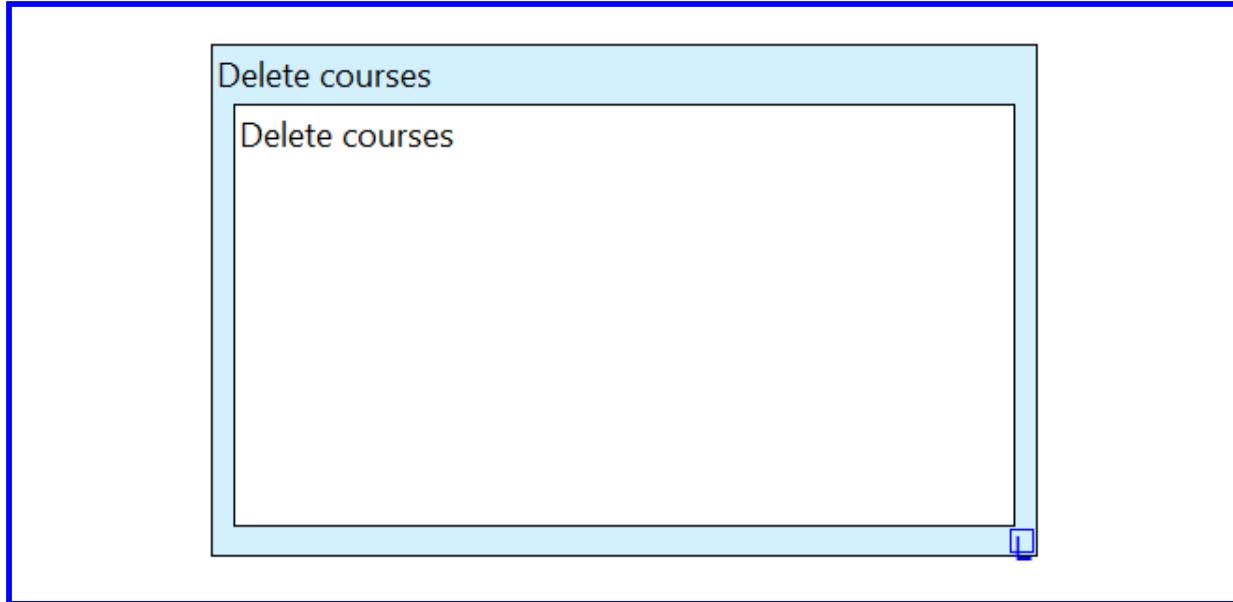
General properties	
Name	OKFlow20
Source	[ModuleInstanceUnit] Delete course
Target	Courses list
Automatic Binding	true

 [ModuleInstanceUnit] [Delete course](#) / → KOFlow6

General properties	
Name	KOFlow6
Source	[ModuleInstanceUnit] Delete course
Target	Error

3.4. [Area] Delete courses

[Project](#) / [Administration](#) / [Delete courses](#)



3.4.1. Property Section

General properties	
Name	Delete courses
Default Page	Delete courses
Landmark	true

3.4.2. Summary Section

3.4.2.1. Page Summary

[Delete courses](#)

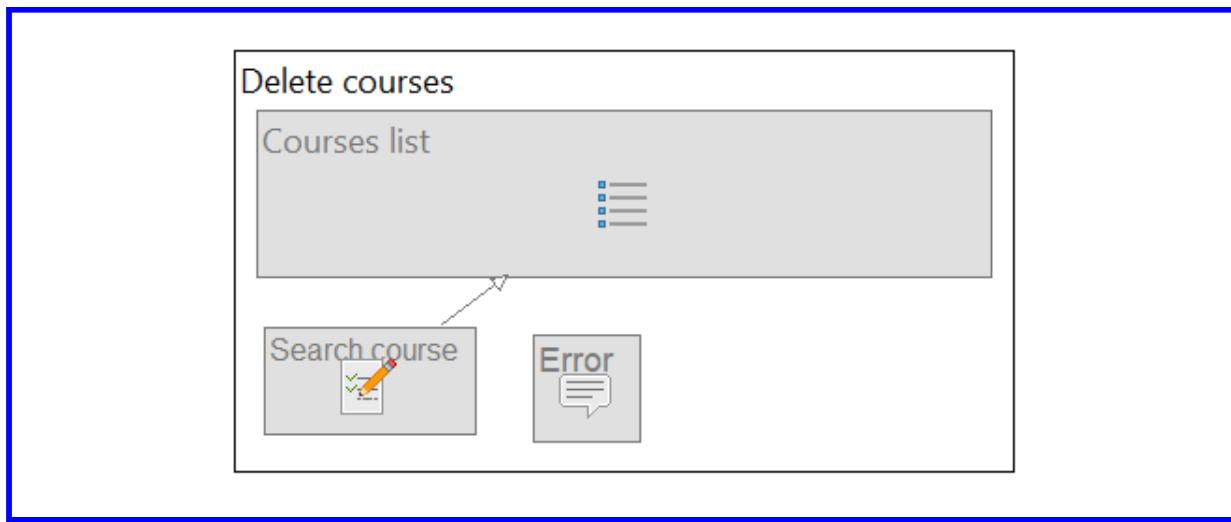
3.4.2.2. Landmark Summary

[Delete courses](#)

3.5. [Page] Delete courses

[Project](#) / [Administration](#) / [Delete courses](#) / [Delete courses](#)





3.5.1. Property Section

General properties	
Name	Delete courses
URL Fragment	Value

3.5.2. Summary Section

3.5.2.1. Component Summary

- [PowerIndexUnit] [Courses list](#)
- [MultiMessageUnit] [Error](#)
- [EntryUnit] [Search course](#)

3.5.2.2. Incoming Flow Summary

- | | | |
|----------------------------|---|---|
| → OKFlow20 | from Administration / [ModuleInstanceUnit] Delete course | to [PowerIndexUnit] Courses list |
| → KOFlow6 | from Administration / [ModuleInstanceUnit] Delete course | to [MultiMessageUnit] Error |

3.5.2.3. Outgoing Flow Summary

- | | | |
|--------------------------|---|---|
| → Delete | from [PowerIndexUnit] Courses list | to Administration / [ModuleInstanceUnit] Delete course |
|--------------------------|---|---|

3.5.2.4. Internal Flow Summary

- | | | |
|--------------------------|---|---|
| → Search | from [EntryUnit] Search course | to [PowerIndexUnit] Courses list |
|--------------------------|---|---|

3.5.3. Details Section

[PowerIndexUnit] Courses list

General properties	
Name	Courses list
Entity	Course
Display Attributes	. @oid @Name @description @CourseToUser @UserName
Flow Order	→ Delete

Incoming Parameter		Outgoing Parameter	
Block Factor	None	oid	Coursekey  Administration /  [ModuleInstanceUnit] Delete course.
Block Index	None		→ Delete
Block Window	None		
Max Results	None		
Search	Search  [EntryUnit] Search	→ Search	
current oid	None		

SubUnit List

 [PowerIndexUnit] [Courses list](#) / 

General properties	
Default Policy	Fill
Boolean Operator	And

 [PowerIndexUnit] [Courses list](#) /  

General properties	
Name	Search
Attributes	.  Name  description  CourseToUser  User Name
Predicate	Contains
Ignore Case	true
Boolean Operator	Or
Required	False

 [MultiMessageUnit] Error

General properties	
Name	Error
Incoming Parameter	
Shown Messages	The course was not deleted → KOF6

 [EntryUnit] Search course

General properties	
Name	Search course
Flow Order	→ Search
Outgoing Parameter	
Search	Search  [PowerIndexUnit] Courses list .

SubUnit List

 [EntryUnit] [Search course](#) / 

General properties	
Name	Search
Type	string

3.5.3.1. Outgoing Link List

 [PowerIndexUnit] [Courses list](#) / → Delete

General properties	
Name	Delete
Source	[PowerIndexUnit] Courses list
Target	Delete course
Type	normal
Validate	true

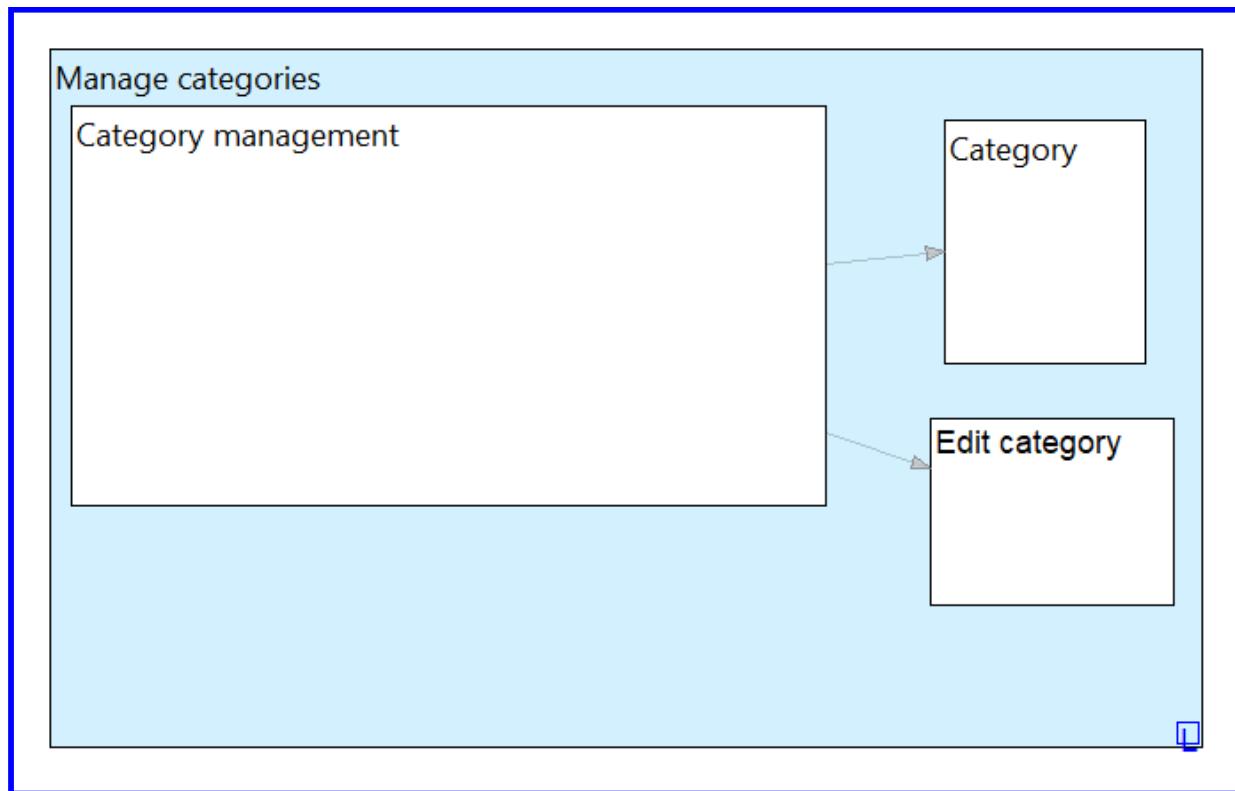
3.5.3.2. Internal Link List

[EntryUnit] [Search course](#) / → Search

General properties	
Name	Search
Source	[EntryUnit] Search course
Target	Courses list
Type	normal
Validate	true

3.6. [Area] Manage categories

Project / Administration / Manage categories



3.6.1. Property Section

General properties	
Name	Manage categories
Default Page	Category management
Landmark	true

3.6.2. Summary Section

3.6.2.1. Page Summary

 [Category](#)

Popup Page that displays the information related to a previously selected Category.

 [Category management](#)

 [Edit category](#)

3.6.2.2. Component Summary

 [ModuleInstanceUnit] [Delete Category](#)

3.6.2.3. Landmark Summary

 [Manage categories](#)

3.6.2.4. Incoming Flow Summary

→ [Delete](#) from  [Category management](#) /  [PowerIndexUnit] [Category list.](#) to  [ModuleInstanceUnit] [Delete Category](#)

3.6.2.5. Outgoing Flow Summary

→ [OKFlow29](#) from  [ModuleInstanceUnit] [Delete Category](#) to  [Category management](#)

3.6.3. Details Section

 [ModuleInstanceUnit] [Delete Category](#)

 General properties		
Module	 Delete Category	
○+ Incoming Parameter		
Category Key	oid  Category management /  [PowerIndexUnit] Category list.	→ Delete
Category's #Courses	#courses  Category management /  [PowerIndexUnit] Category list.	→ Delete

3.6.3.1. Outgoing Link List

 [ModuleInstanceUnit] [Delete Category](#) / → [OKFlow29](#)

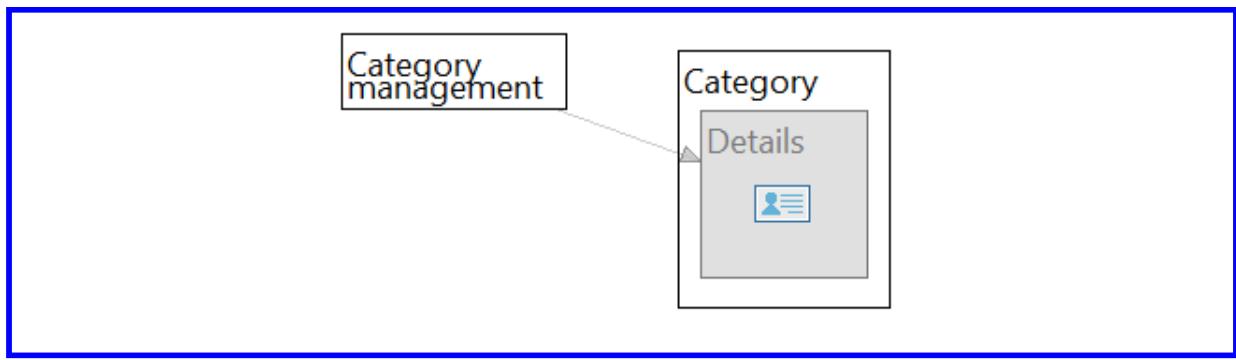
 General properties	
Name	OKFlow29
Source	 [ModuleInstanceUnit] Delete Category
Target	 Category management
Automatic Binding	true

3.7. [Page] Category

  [Administration](#) /  [Manage categories](#) /  [Category](#)

Popup Page that displays the information related to a previously selected Category.





3.7.1. Property Section

General properties	
Name	Category
Ignore Master Page	true
URL Fragment	Value

3.7.2. Summary Section

3.7.2.1. Component Summary

[DataUnit] [Details](#)

3.7.2.2. Incoming Flow Summary

→ [Details](#) from [Category management](#) / [\[PowerIndexUnit\]](#) to [\[DataUnit\]](#) [Details](#)
[Category list](#)

3.7.3. Details Section

[DataUnit] [Details](#)

General properties	
Name	Details
Entity	Category
Display Attributes	Category #courses
Incoming Parameter	Outgoing Parameter
Category [oid] oid Category management / [PowerIndexUnit] Category list .	#courses None Category None oid None

SubUnit List

[DataUnit] [Details](#) / [Conditional Expression](#)

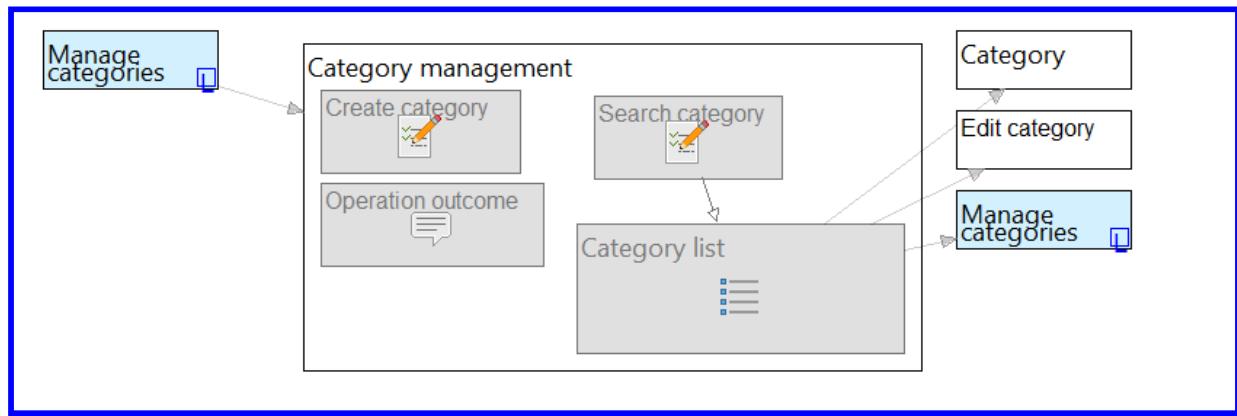
General properties	
Default Policy	Fill
Boolean Operator	And

[DataUnit] [Details](#) / [Conditional Expression](#) / [Category](#)

General properties	
Name	Category
Predicate	In
Required	True

3.8. [Page] Category management

Project / Administration / Manage categories / Category management



3.8.1. Property Section

General properties	
Name	Category management
URL Fragment	Value

3.8.2. Summary Section

3.8.2.1. ConditionExpression Summary

[[ActivationExpression 5](#)

3.8.2.2. Component Summary

- [[Category list](#)
- [[Create category](#)
- [[Operation outcome](#)
- [[Search category](#)

3.8.2.3. Variable Summary

◆ [var8](#)

3.8.2.4. Incoming Flow Summary

- [OKFlow11](#)
 - [OKFlow13](#)
 - [OKFlow29](#)
- | | |
|--|--|
| from Administration / Create category
from Administration / Update category
from Manage categories / Delete Category | to Operation outcome
to Category list
to Category management |
|--|--|

3.8.2.5. Outgoing Flow Summary

- [Delete](#)
 - [Details](#)
 - [Edit](#)
 - [Save](#)
- | | |
|--|---|
| from Category list
from Category list
from Category list
from Create category | to Manage categories / Delete Category
to Category management
to Edit category / Edit category
to Administration / Create category |
|--|---|

3.8.2.6. Internal Flow Summary

- [Search](#)
- | | |
|--------------------------------------|----------------------------------|
| from Search category | to Category list |
|--------------------------------------|----------------------------------|

3.8.3. Details Section

3.8.3.1. ConditionExpression List

ActivationExpression 5

General properties	
Name	ActivationExpression 5

[PowerIndexUnit] Category list

General properties	
Name	Category list
Entity	Category
Display Attributes	oid Category
Flow Order	→ Details → Edit → Delete
Incoming Parameter	
Block Factor	None
Block Index	None
Block Window	None
Max Results	None
Search	Search [EntryUnit] Search category. → Search
current oid	None
Outgoing Parameter	
	#courses Category's#Courses Manage categories / [ModuleInstanceUnit] Delete Category.
	Category Categoryname Edit category / [EntryUnit] Edit category.
oid	CategoryKey Manage categories / [ModuleInstanceUnit] Delete Category.
	Category[oid] Category / [DataUnit] Details.
	KeyCondition7[oid] Administration / [ModifyUnit] Update category.
oid (block)	None

SubUnit List

[PowerIndexUnit] Category list / Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

[PowerIndexUnit] Category list / Conditional Expression / Search

General properties	
Name	Search
Attributes	Category
Predicate	Contains
Ignore Case	true
Boolean Operator	Or
Required	False

[EntryUnit] Create category

General properties	
Name	Create category
Flow Order	→ Save
Outgoing Parameter	
Category name	Category Administration / [CreateUnit] Create category. → Save

SubUnit List

[EntryUnit] Create category / Category name

General properties

Name	Category name
Type	string

ValidationRule List

[EntryUnit] Create category / Category name / mandatory field

General properties

Name	mandatory field
Predicate	

[MultiMessageUnit] Operation outcome

General properties

Name	Operation outcome
Message File	WEB-INF/descr/message4.template

Incoming Parameter

Shown Messages	None
categoryName	Category Administration / [CreateUnit] Create category. OKFlow11

[EntryUnit] Search category

General properties

Name	Search category
Flow Order	Search

Outgoing Parameter

Search	Search [PowerIndexUnit] Category list. OKFlow11
--------	---

SubUnit List

[EntryUnit] Search category / Search

General properties

Name	Search
Type	string

3.8.3.2. Variable List

var8

General properties

Name	var8
Type	integer
Value	0

Incoming Parameter

1	OKFlow11
---	--------------------------

3.8.3.3. Outgoing Link List

[PowerIndexUnit] Category list / Delete

General properties	
Name	Delete
Source	[PowerIndexUnit] Category list
Target	Delete Category
Type	normal
Validate	true

[PowerIndexUnit] [Category list](#) / → Details

General properties	
Name	Details
Source	[PowerIndexUnit] Category list
Target	Details
Type	normal
Validate	true

[PowerIndexUnit] [Category list](#) / → Edit

General properties	
Name	Edit
Source	[PowerIndexUnit] Category list
Target	Edit category
Type	normal
Validate	true

[EntryUnit] [Create category](#) / → Save

General properties	
Name	Save
Source	[EntryUnit] Create category
Target	Create category
Type	normal
Validate	true

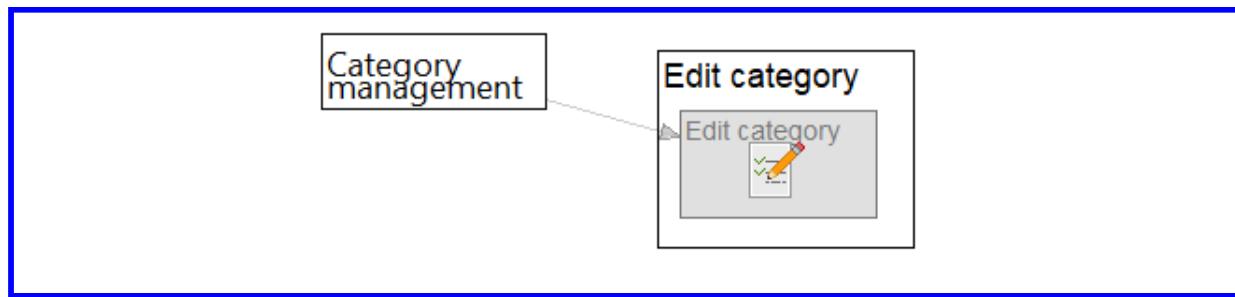
3.8.3.4. Internal Link List

[EntryUnit] [Search category](#) / → Search

General properties	
Name	Search
Source	[EntryUnit] Search category
Target	Category list
Type	normal
Validate	true

3.9. [Page] Edit category

[Project](#) / [Administration](#) / [Manage categories](#) / [Edit category](#)



3.9.1. Property Section

General properties	
Name	Edit category
URL Fragment	Value

3.9.2. Summary Section

3.9.2.1. Component Summary

[EntryUnit] [Edit category](#)

3.9.2.2. Incoming Flow Summary

→ [Edit](#) from [Category management](#) / [\[PowerIndexUnit\]](#) [Category list](#) to [\[EntryUnit\]](#) [Edit category](#)

3.9.2.3. Outgoing Flow Summary

→ [Save](#) from [\[EntryUnit\]](#) [Edit category](#) to [Administration](#) / [\[ModifyUnit\]](#) [Update category](#)

3.9.3. Details Section

[EntryUnit] [Edit category](#)

General properties	
Name	Edit category
Flow Order	→ Save
○↔ Incoming Parameter	○↔ Outgoing Parameter
Category name	Category Category management / [PowerIndexUnit] Category list . → Edit
	Category name Administration / [ModifyUnit] Update category . → Save

SubUnit List

[EntryUnit] [Edit category](#) / Category name

General properties	
Name	Category name
Type	string
Preloaded	true

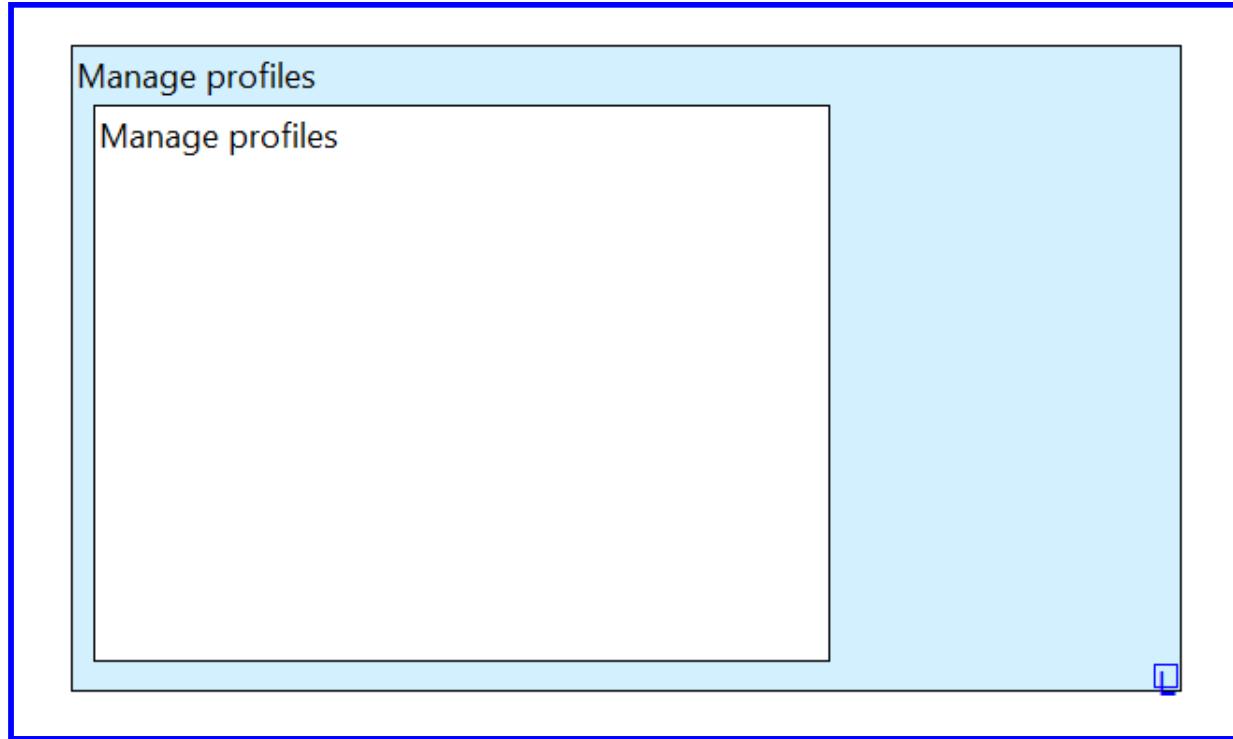
3.9.3.1. Outgoing Link List

[EntryUnit] [Edit category](#) / → [Save](#)

General properties	
Name	Save
Source	<input checked="" type="checkbox"/> [EntryUnit] Edit category
Target	Update category
Type	normal
Validate	true

3.10. [Area] Manage profiles

 [Project](#) /  [Administration](#) /  [Manage profiles](#)



3.10.1. Property Section

General properties	
Name	Manage profiles
Default Page	 Manage profiles
Landmark	true

3.10.2. Summary Section

3.10.2.1. Page Summary

 [Manage profiles](#)

3.10.2.2. Component Summary

 [DeleteUnit] [Delete profile](#)

 [ModuleInstanceUnit] [Edit profile](#)

3.10.2.3. Landmark Summary

 [Manage profiles](#)

3.10.2.4. Incoming Flow Summary



3.10.2.5. Outgoing Flow Summary



3.10.3. Details Section

⌚ [DeleteUnit] Delete profile

General properties	
Name	Delete profile
Entity	👤 User
Incoming Parameter	
KeyCondition2 [oid]	oid Manage profiles / [PowerIndexUnit] Profiles list. → Delete

SubUnit List

⌚ [DeleteUnit] [Delete profile](#) / ⚡ Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

⌚ [DeleteUnit] [Delete profile](#) / ⚡ [Conditional Expression](#) / 📈 KeyCondition2

General properties	
Name	KeyCondition2
Predicate	In
Required	True

⚙️ [ModuleInstanceUnit] Edit profile

General properties	
Name	Edit profile
Module	Profile details
Incoming Parameter	
Profile key	oid Manage profiles / [PowerIndexUnit] Profiles list. → Edit

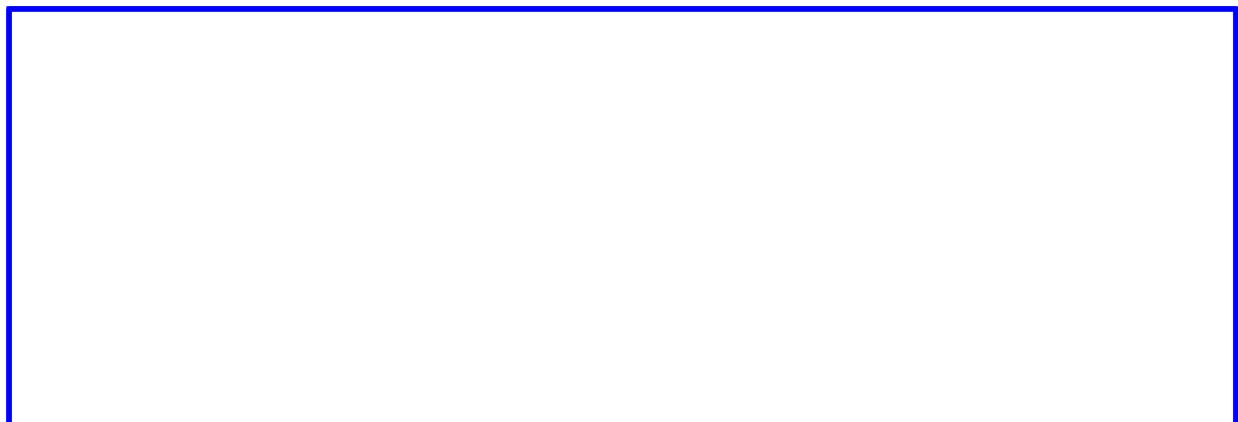
3.10.3.1. Outgoing Link List

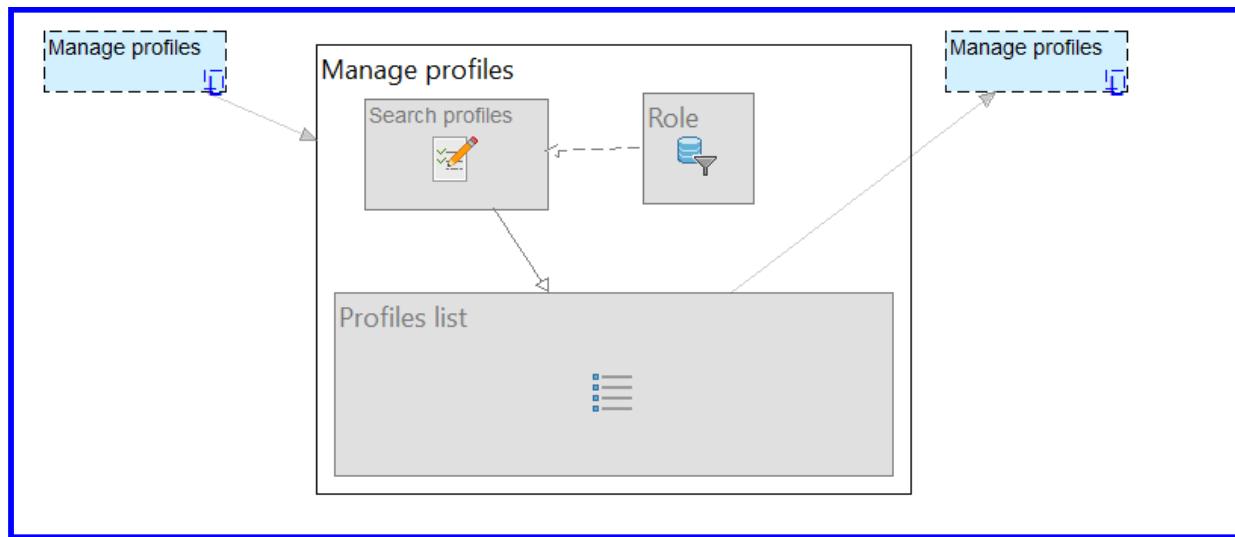
⚙️ [ModuleInstanceUnit] [Edit profile](#) / → OKFlow9

General properties	
Name	OKFlow9
Source	⚙️ [ModuleInstanceUnit] Edit profile
Target	Manage profiles
Automatic Binding	true

3.11. [Page] Manage profiles

🌐 [Project](#) / 🏢 [Administration](#) / 📁 [Manage profiles](#) / 📁 [Manage profiles](#)





3.11.1. Property Section

General properties	
Name	Manage profiles
URL Fragment	Value

3.11.2. Summary Section

3.11.2.1. Component Summary

- [PowerIndexUnit] [Profiles list](#)
- [SelectorUnit] [Role](#)
- [EntryUnit] [Search profiles](#)

3.11.2.2. Incoming Flow Summary

→ [OKFlow9](#) from [Manage profiles](#) / [ModuleInstanceUnit] [Edit profile](#) to [Manage profiles](#)

3.11.2.3. Outgoing Flow Summary

→ Delete	from [PowerIndexUnit] Profiles list	to Manage profiles / [DeleteUnit] Delete profile
→ Edit	from [PowerIndexUnit] Profiles list	to Manage profiles / [ModuleInstanceUnit] Edit profile

3.11.2.4. Internal Flow Summary

→ [Search](#) from [EntryUnit] [Search profiles](#) to [PowerIndexUnit] [Profiles list](#)

3.11.3. Details Section

[PowerIndexUnit] Profiles list

General properties	
Name	Profiles list
Entity	User
Display Attributes	. oid User Name Email FirstName LastName defaultGroup groupName
Flow Order	→ Edit → Delete

Incoming Parameter		Outgoing Parameter	
Block Factor	None	Email	None
Block Index	None	FirstName	None
Block Window	None	LastName	None
Max Results	None	Password	None
Role [oid]	Role [EntryUnit] Search profiles.	User Name	None
Search	Search [EntryUnit] Search profiles.	UserToCurriculum.oid	None
current oid	None	defaultGroupN	None
		ame	None
		defaultGro	None
		up.oid	None
		isApprove	None
	oid	KeyCondition2[oid] Manage profiles / - [DeleteUnit] Delete profile.	→ Delete
		Profilekey Manage profiles / [ModuleInstanceUnit] Edit profile.	→ Edit
	oid (block)	None	

SubUnit List

[\[PowerIndexUnit\] Profiles list](#) / Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

[\[PowerIndexUnit\] Profiles list](#) / Conditional Expression / Search

General properties	
Name	Search
Attributes	User Name Email FirstName LastName
Predicate	Contains
Ignore Case	true
Boolean Operator	Or
Required	False

[\[PowerIndexUnit\] Profiles list](#) / Conditional Expression / Role

General properties	
Name	Role
Role	. defaultGroups users
Predicate	In
Required	False

[\[PowerIndexUnit\] Profiles list](#) / Conditional Expression / AttCondition6

General properties

Name	AttCondition6
Attributes	isApproved
Predicate	Equal
Boolean Operator	Or
Value	1
Required	True

[SelectorUnit] Role

General properties

Name	Role
Entity	Group

Incoming Parameter

Max Results	None
-------------	------

Outgoing Parameter

defaultModule.oid	None
groupName	Role [label] [EntryUnit] Search profiles.
oid	Role [output] [EntryUnit] Search profiles.

SubUnit List

[SelectorUnit] [Role](#) / Conditional Expression

General properties

Default Policy	Fill
Boolean Operator	And

[EntryUnit] Search profiles

General properties

Name	Search profiles
------	-----------------

Entity	User
--------	----------------------

Flow Order	→ Search
------------	--------------------------

Incoming Parameter

Key Condition [oid]	None
---------------------	------

Outgoing Parameter

Role	Role [oid] [PowerIndexUnit] Profiles list.
------	---

Role - Preselection	None
---------------------	------

Search	Search [PowerIndexUnit] Profiles list.
--------	--

Role [label]	groupName [SelectorUnit] Role .
--------------	--

Role [output]	oid [SelectorUnit] Role .
---------------	--

SubUnit List

[EntryUnit] Search profiles / Search

General properties

Name	Search
------	--------

Type	string
------	--------

[EntryUnit] Search profiles / Role

General properties	
Name	Role
Type	string

3.11.3.1. Outgoing Link List

 [PowerIndexUnit] [Profiles list](#) / → Delete

General properties	
Name	Delete
Source	[PowerIndexUnit] Profiles list
Target	Delete profile
Type	normal
Automatic Binding	true
Validate	true

 [PowerIndexUnit] [Profiles list](#) / → Edit

General properties	
Name	Edit
Source	[PowerIndexUnit] Profiles list
Target	Edit profile
Type	normal
Validate	true

3.11.3.2. Internal Link List

 [SelectorUnit] [Role](#) / → Flow55

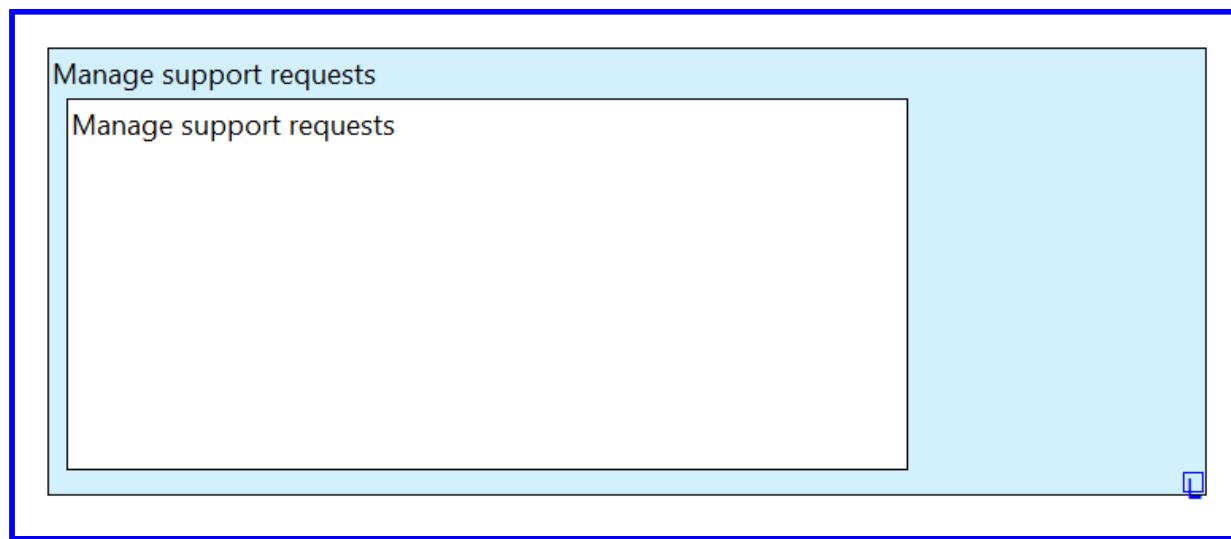
General properties	
Name	Flow55
Source	[SelectorUnit] Role
Target	Search profiles
Type	transport
Validate	true

 [EntryUnit] [Search profiles](#) / → Search

General properties	
Name	Search
Source	[EntryUnit] Search profiles
Target	Profiles list
Type	normal
Validate	true

3.12. [Area] Manage support requests

Project / Administration / Manage support requests



3.12.1. Property Section

General properties	
Name	Manage support requests
Default Page	Manage support requests
Landmark	true

3.12.2. Summary Section

3.12.2.1. Page Summary

[Manage support requests](#)

3.12.2.2. Component Summary

[ModifyUnit] [Update solution](#)

3.12.2.3. Landmark Summary

[Manage support requests](#)

3.12.2.4. Incoming Flow Summary

→ [Send solution](#) from [Manage support requests](#) / [EntryUnit] [Resolve the request](#) to [ModifyUnit] [Update solution](#)

3.12.2.5. Outgoing Flow Summary

[OKFlow14](#) from [ModifyUnit] [Update solution](#) to [Manage support requests](#)

3.12.3. Details Section

[ModifyUnit] [Update solution](#)

General properties	
Name	Update solution
Entity	Support

Incoming Parameter		Outgoing Parameter	
Description	None	oid	None
Insertion date	None		
KeyCondition6 [oid]	Key[oid] Manage support requests / [EntryUnit] Resolve the request.	→ Send solution	
Solution	solution Manage support requests / [EntryUnit] Resolve the request.	→ Send solution	
Status	Solved	→ Send solution	
Support Object	SupportObject Manage support requests / [EntryUnit] Resolve the request.	→ Send solution	
Title	None		
User.oid(SupportToUser)	None		

SubUnit List

[ModifyUnit] [Update solution](#) / Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

[ModifyUnit] [Update solution](#) / Conditional Expression / KeyCondition6

General properties	
Name	KeyCondition6
Predicate	In
Required	True

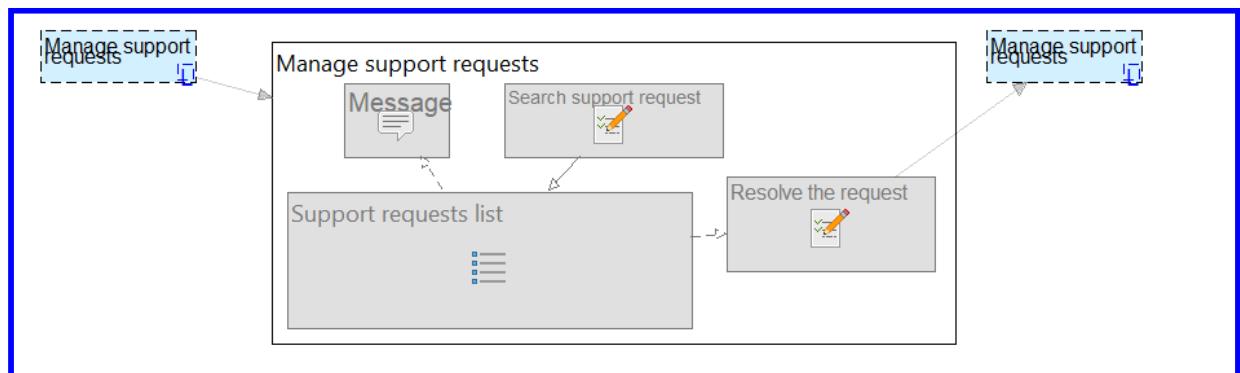
3.12.3.1. Outgoing Link List

[ModifyUnit] [Update solution](#) / → OKFlow14

General properties	
Name	OKFlow14
Source	[ModifyUnit] Update solution
Target	Manage support requests

3.13. [Page] Manage support requests

Project / Administration / Manage support requests / Manage support requests



3.13.1. Property Section

General properties	
Name	Manage support requests
URL Fragment	Value

3.13.2. Summary Section

3.13.2.1. ConditionExpression Summary

[ActivationExpression 4

3.13.2.2. Component Summary

- [[MultiMessageUnit] [Message](#)
- [[EntryUnit] [Resolve the request](#)
- [[EntryUnit] [Search support request](#)
- [[PowerIndexUnit] [Support requests list](#)

3.13.2.3. Variable Summary

[var4

3.13.2.4. Incoming Flow Summary



3.13.2.5. Outgoing Flow Summary



3.13.2.6. Internal Flow Summary



3.13.3. Details Section

3.13.3.1. ConditionExpression List

[ActivationExpression 4

General properties	
Name	ActivationExpression 4

[[MultiMessageUnit] Message

General properties	
Name	Message
Message File	WEB-INF/descr/message6.template
Incoming Parameter	
Shown Messages	None
supportRequest	Title: [[PowerIndexUnit] Support requests list.] ... Flow34

[[EntryUnit] Resolve the request

General properties					
Name	Resolve the request				
Entity	 Support				
Flow Order	→ Send solution				
Incoming Parameter		Outgoing Parameter			
Key Condition [oid]	oid:  [PowerIndexUnit] Support requests list.	→ Resolve	Key [oid]	KeyCondition6[oid]:  Manage support requests /  [ModifyUnit] Update solution.	→ Send solution
solution	Solution:  [PowerIndexUnit] Support requests list.	→ Resolve	Support Object	SupportObject:  Manage support requests /  [ModifyUnit] Update solution.	→ Send solution
			solution	Solution:  Manage support requests /  [ModifyUnit] Update solution.	→ Send solution

SubUnit List

[EntryUnit] Resolve the request / solution

General properties	
Name	solution
Attribute	 Solution
Type	text
Preloaded	true

ValidationRule List

[EntryUnit] Resolve the request / solution / Mandatory field

General properties	
Name	Mandatory field
Predicate	

[EntryUnit] Search support request

General properties	
Name	Search support request
Flow Order	→ Search
Outgoing Parameter	
Search	Search:  [PowerIndexUnit] Support requests list.
	→ Search

SubUnit List

[EntryUnit] Search support request / Search

General properties	
Name	Search
Type	string

[PowerIndexUnit] Support requests list

General properties	
Name	Support requests list
Entity	 Support
Display Attributes	 Insertion date  UserOid  UserName  Title  Description
Flow Order	→ Resolve

○ Incoming Parameter		○ Outgoing Parameter		
Block Factor	None	Solution	solution [EntryUnit] Resolve the request.	→ Resolve
Block Index	None	Title	supportRequest [MultiMessageUnit] Message.	… Flow34
Block Window	None	oid	KeyCondition[oid] [EntryUnit] Resolve the request.	→ Resolve
Max Results	None			
Search	Search [EntryUnit] Search support request.	→ Search		
current oid	None			

SubUnit List

[\[PowerIndexUnit\] Support requests list](#) / [Conditional Expression](#)

General properties	
Default Policy	Fill
Boolean Operator	And

[\[PowerIndexUnit\] Support requests list](#) / [Conditional Expression](#) / [AttCondition10](#)

General properties	
Name	AttCondition10
Attributes	@ Status
Predicate	Equal
Boolean Operator	Or
Value	Not solved
Required	True

[\[PowerIndexUnit\] Support requests list](#) / [Conditional Expression](#) / [Search](#)

General properties	
Name	Search
Attributes	@ Title @ Description @ UserName
Predicate	Contains
Ignore Case	true
Boolean Operator	Or
Required	False

3.13.3.2. Variable List

◆ var4

General properties	
Name	var4
Type	integer
Value	0
○ Incoming Parameter	
1	→ Resolve
0	→ OKFlow14

3.13.3.3. Outgoing Link List

[\[EntryUnit\] Resolve the request](#) / → [Send solution](#)

General properties	
Name	Send solution
Source	[EntryUnit] Resolve the request
Target	Update solution
Type	normal
Validate	true

3.13.3.4. Internal Link List

[\[PowerIndexUnit\] Support requests list](#) / Flow34

General properties	
Name	Flow34
Source	[PowerIndexUnit] Support requests list
Target	Message
Type	transport
Validate	true

[\[PowerIndexUnit\] Support requests list](#) / Resolve

General properties	
Name	Resolve
Source	[PowerIndexUnit] Support requests list
Target	Resolve the request
Type	normal
Validate	true

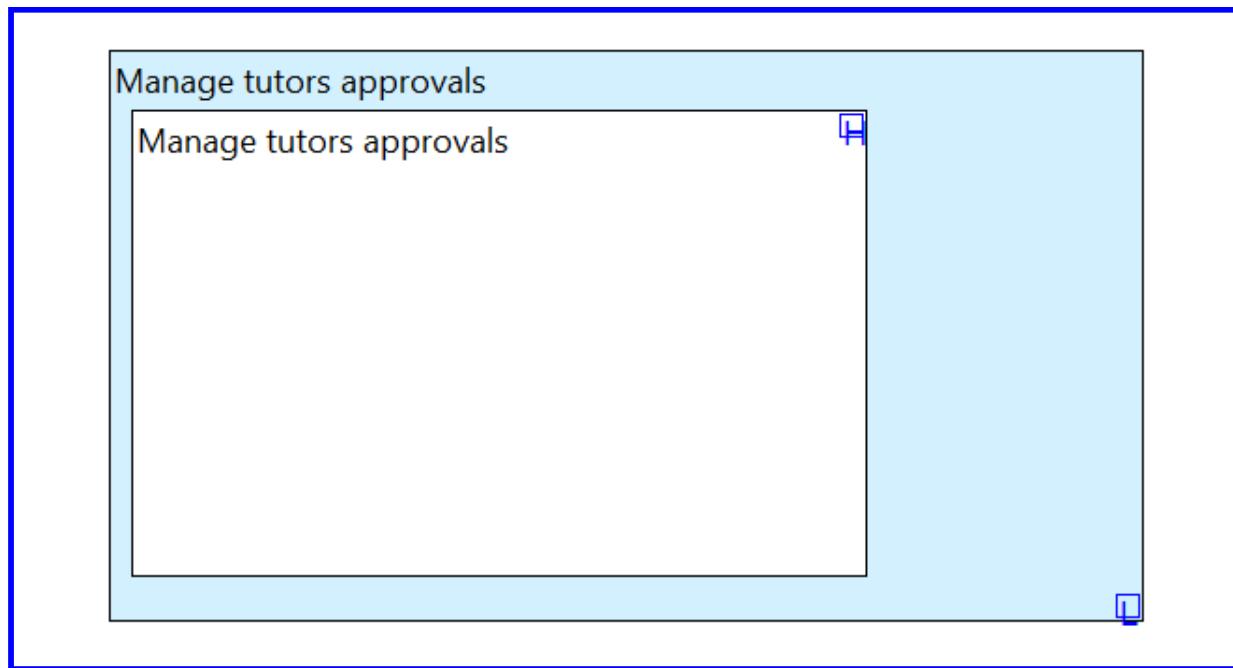
[\[EntryUnit\] Search support request](#) / Search

General properties	
Name	Search
Source	[EntryUnit] Search support request
Target	Support requests list
Type	normal
Validate	true

3.14. [Area] Manage tutors approvals

[Project](#) / [Administration](#) / [Manage tutors approvals](#)





3.14.1. Property Section

General properties	
Name	Manage tutors approvals
Default Page	Manage tutors approvals
Landmark	true

3.14.2. Summary Section

3.14.2.1. Page Summary

[Manage tutors approvals](#)

3.14.2.2. Component Summary

[ModifyUnit] [Approve tutor](#)
 [DeleteUnit] [Reject tutor](#)

3.14.2.3. Landmark Summary

[Manage tutors approvals](#)

3.14.2.4. Incoming Flow Summary

→ Approve	from Manage tutors approvals / [PowerIndexUnit] <u>Pending tutors</u>	to [ModifyUnit] Approve tutor
→ Reject	from Manage tutors approvals / [PowerIndexUnit] <u>Pending tutors</u>	to [DeleteUnit] Reject tutor

3.14.2.5. Outgoing Flow Summary

→ OKFlow6	from [DeleteUnit] Reject tutor	to Administration / [MailUnit] Rejection email
→ OKFlow8	from [ModifyUnit] Approve tutor	to Administration / [MailUnit] Approval email

3.14.3. Details Section

[ModifyUnit] [Approve tutor](#)

General properties	
Name	Approve tutor
Entity	User

Incoming Parameter		Outgoing Parameter	
Comment.oid(UserToComment)	None	oid	None
Course.followed.oid(UserToCourses.followed)	None		
Course.oid(UserToCourse)	None		
Curriculum.oid(UserToCurriculum)	None		
Email	None		
Feedback.oid(UserToFeedback)	None		
FirstName	None		
Group.oid(defaultGroup)	None		
Group.oid(groups)	None		
LastName	None		
Password	None		
Post.oid(UserToPost)	None		
Private message.oid(UserToPrivate.message)	None		
Support.oid(UserToSupport)	None		
User Name	None		
User Object	None		
cond to accept tutor [oid]	oid  Manage tutors approvals / [PowerIndexUnit] Pending tutors.	→ Approve	
isApproved	1	→ Approve	

SubUnit List

 [\[ModifyUnit\] Approve tutor](#) /  [Conditional Expression](#)

General properties	
Default Policy	Fill
Boolean Operator	And

 [ModifyUnit] [Approve tutor](#) /  [Conditional Expression](#) /  cond to accept tutor

General properties	
Name	cond to accept tutor
Predicate	In
Required	True

 [DeleteUnit] Reject tutor

General properties	
Name	Reject tutor
Entity	 User
Incoming Parameter	
cond to reject tutor [oid]	oid  Manage tutors approvals /  [PowerIndexUnit] Pending tutors. → Reject

SubUnit List

 [DeleteUnit] [Reject tutor](#) /  [Conditional Expression](#)

General properties	
Default Policy	Fill
Boolean Operator	And

 [DeleteUnit] [Reject tutor](#) /  [Conditional Expression](#) /  cond to reject tutor

General properties	
Name	cond to reject tutor
Predicate	In
Required	True

3.14.3.1. Outgoing Link List

 [DeleteUnit] [Reject tutor](#) / → OKFlow6

General properties	
Name	OKFlow6
Source	 [DeleteUnit] Reject tutor
Target	 Rejection email

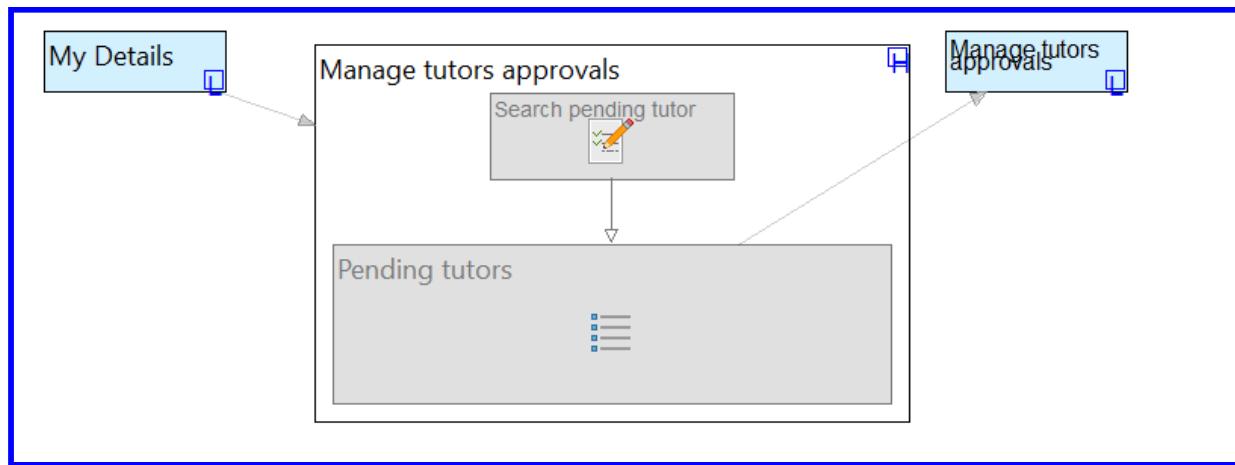
 [ModifyUnit] [Approve tutor](#) / → OKFlow8

General properties	
Name	OKFlow8
Source	 [ModifyUnit] Approve tutor
Target	 Approval email

3.15. [Page] Manage tutors approvals

 [Project](#) /  [Administration](#) /  [Manage tutors approvals](#) /  [Manage tutors approvals](#)





3.15.1. Property Section

General properties	
Name	Manage tutors approvals
URL Fragment	Value

3.15.2. Summary Section

3.15.2.1. Component Summary

- [PowerIndexUnit] [Pending tutors](#)
- [EntryUnit] [Search pending tutor](#)

3.15.2.2. Incoming Flow Summary

→ [OKFlow28](#) from [My Details](#) / [ModuleInstanceUnit] [My Details](#) to [Manage tutors approvals](#)

3.15.2.3. Outgoing Flow Summary

→ Approve	from [PowerIndexUnit] Pending tutors	to Manage tutors approvals / [ModifyUnit] Approve tutor
→ Reject	from [PowerIndexUnit] Pending tutors	to Manage tutors approvals / [DeleteUnit] Reject tutor

3.15.2.4. Internal Flow Summary

→ [Search](#) from [EntryUnit] [Search pending tutor](#) to [PowerIndexUnit] [Pending tutors](#)

3.15.3. Details Section

[PowerIndexUnit] Pending tutors

General properties	
Name	Pending tutors
Entity	User
Display Attributes	. @ oid @ User Name @ Email @ FirstName @ LastName @ UserToCurriculum @ Curriculum
Flow Order	→ Approve → Reject

Incoming Parameter		Outgoing Parameter		
Block Factor	None	Email	Mail-To Administration / [MailUnit] Approval email.	→ Approve → OKFlow8
Block Index	None		Mail-To Administration / [MailUnit] Rejection email.	→ Reject → OKFlow6
Block Window	None	User Name	username Administration / [MailUnit] Approval email.	→ Approve → OKFlow8
Max Results	None		username Administration / [MailUnit] Rejection email.	→ Reject → OKFlow6
Search	Search [EntryUnit] Search pending tutor.	→ Search	UserToCurriculum.Curriculum	
current oid	None	oid	condtoaccepttutor[oid] Manage tutors approvals / [ModifyUnit] Approve tutor.	→ Approve
			condtorejecttutor[oid] Manage tutors approvals / [DeleteUnit] Reject tutor.	→ Reject

SubUnit List

 [PowerIndexUnit] [Pending tutors](#) /

Default Policy	Fill
Boolean Operator	And

 [PowerIndexUnit] [Pending tutors](#) /

Name	isApproved
Attributes	isApproved
Predicate	Equal
Boolean Operator	Or
Value	0
Required	True

 [PowerIndexUnit] [Pending tutors](#) /

Name	Search
Attributes	User Name Email FirstName LastName
Predicate	Contains
Ignore Case	true
Boolean Operator	Or
Required	False

 [EntryUnit] [Search pending tutor](#)

Name	Search pending tutor
Flow Order	→ Search
Outgoing Parameter	
Search	Search [PowerIndexUnit] Pending tutors.

SubUnit List

 [EntryUnit] [Search pending tutor](#) /

General properties	
Name	Search
Type	string

3.15.3.1. Outgoing Link List

 [PowerIndexUnit] [Pending tutors](#) / → Approve

General properties	
Name	Approve
Source	[PowerIndexUnit] Pending tutors
Target	Approve tutor
Type	normal
Validate	true

 [PowerIndexUnit] [Pending tutors](#) / → Reject

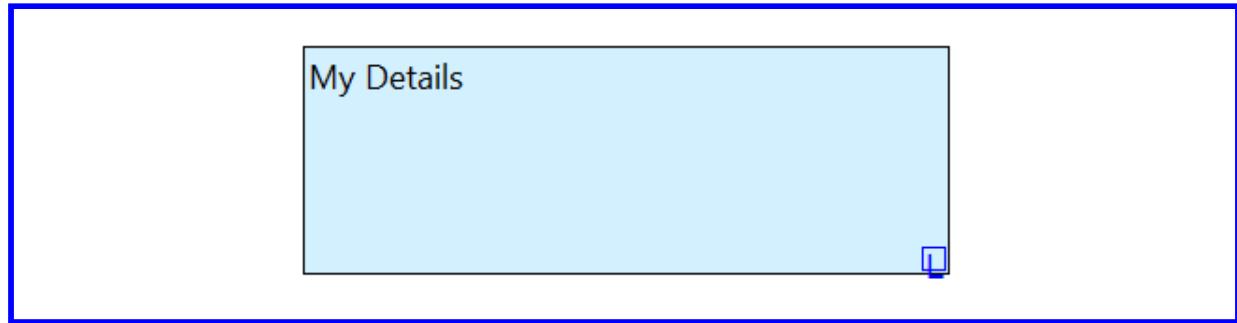
General properties	
Name	Reject
Source	[PowerIndexUnit] Pending tutors
Target	Reject tutor
Type	normal
Validate	true

3.15.3.2. Internal Link List

 [EntryUnit] [Search pending tutor](#) / → Search

General properties	
Name	Search
Source	[EntryUnit] Search pending tutor
Target	Pending tutors
Type	normal
Validate	true

3.16. [Area] My Details

[Administration](#) / [My Details](#)

3.16.1. Property Section

General properties	
Name	My Details
Default Page	My Details
Landmark	true

3.16.2. Summary Section

3.16.2.1. Component Summary

●→ [GetUnit] [Get User](#)

□ [ModuleInstanceUnit] [My Details](#)

3.16.2.2. Landmark Summary

□ [My Details](#)

3.16.2.3. Outgoing Flow Summary

→ [OKFlow28](#) from □ [ModuleInstanceUnit] [My Details](#) to  [Manage tutors approvals](#)

3.16.3. Details Section

●→ [GetUnit] [Get User](#)

General properties	
Name	Get User
Context Parameters	●▷ UserCtxParam
○▷ Outgoing Parameter	
UserCtxParam.oid	Profilekey □ [ModuleInstanceUnit] My Details .  Link140

□ [ModuleInstanceUnit] [My Details](#)

General properties	
Name	My Details
Module	 Profile details
○▷ Incoming Parameter	
Profile key	UserCtxParam.oid ●→ [GetUnit] Get User .  Link140

3.16.3.1. Outgoing Link List

□ [ModuleInstanceUnit] [My Details](#) / → OKFlow28

General properties	
Name	OKFlow28
Source	□ [ModuleInstanceUnit] My Details
Target	 Manage tutors approvals
Automatic Binding	true

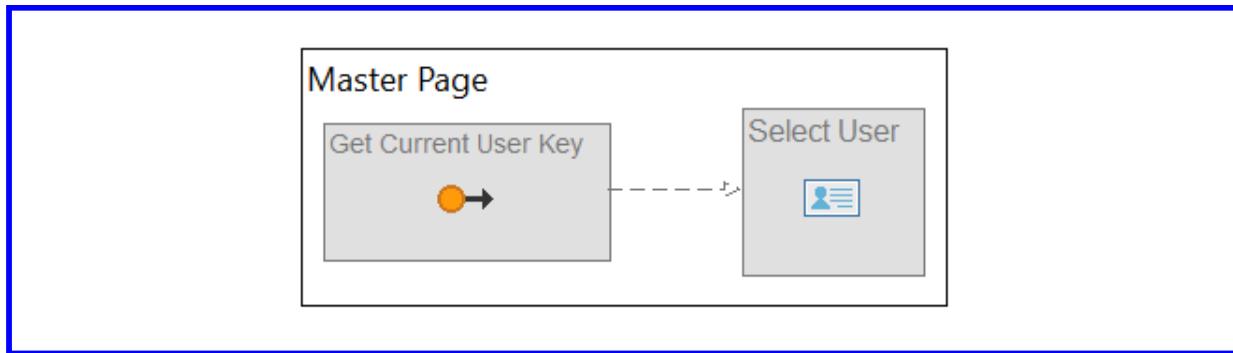
3.16.3.2. Internal Link List

●→ [GetUnit] [Get User](#) /  [Link140](#)

General properties	
Name	Link140
Source	●→ [GetUnit] Get User
Target	□ My Details
Type	transport
Validate	true

3.17. [MasterPage] Master Page

 Project /  Administration /  Master Page



3.17.1. Property Section

General properties	
Name	Master Page

3.17.2. Summary Section

3.17.2.1. Component Summary

→ [GetUnit] [Get Current User Key](#)

 [DataUnit] [Select User](#)

3.17.2.2. Outgoing Flow Summary

→ [Logout](#) from  [DataUnit] [Select User](#) to  Administration / → [LogoutUnit] [Logout](#)

3.17.3. Details Section

→ [GetUnit] Get Current User Key

General properties	
Name	Get Current User Key
Context Parameters	
UserCtxParam.oid	 UserCtxParam

Outgoing Parameter	
UserCtxParam.oid	User[oid]  [DataUnit] Select User .  Flow1

[DataUnit] Select User

General properties	
Name	Select User
Entity	 User
Flow Order	→ Logout
Incoming Parameter	
User [oid]	UserCtxParam.oid → [GetUnit] Get Current User Key .  Flow1

SubUnit List

[DataUnit] [Select User](#) / Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

[DataUnit] [Select User](#) / Conditional Expression / User

General properties	
Name	User
Predicate	In
Required	True

3.17.3.1. Outgoing Link List

 [DataUnit] [Select User](#) / → Logout

General properties	
Name	Logout
Source	 [DataUnit] Select User
Target	 Logout
Type	normal
Automatic Binding	true
Validate	true

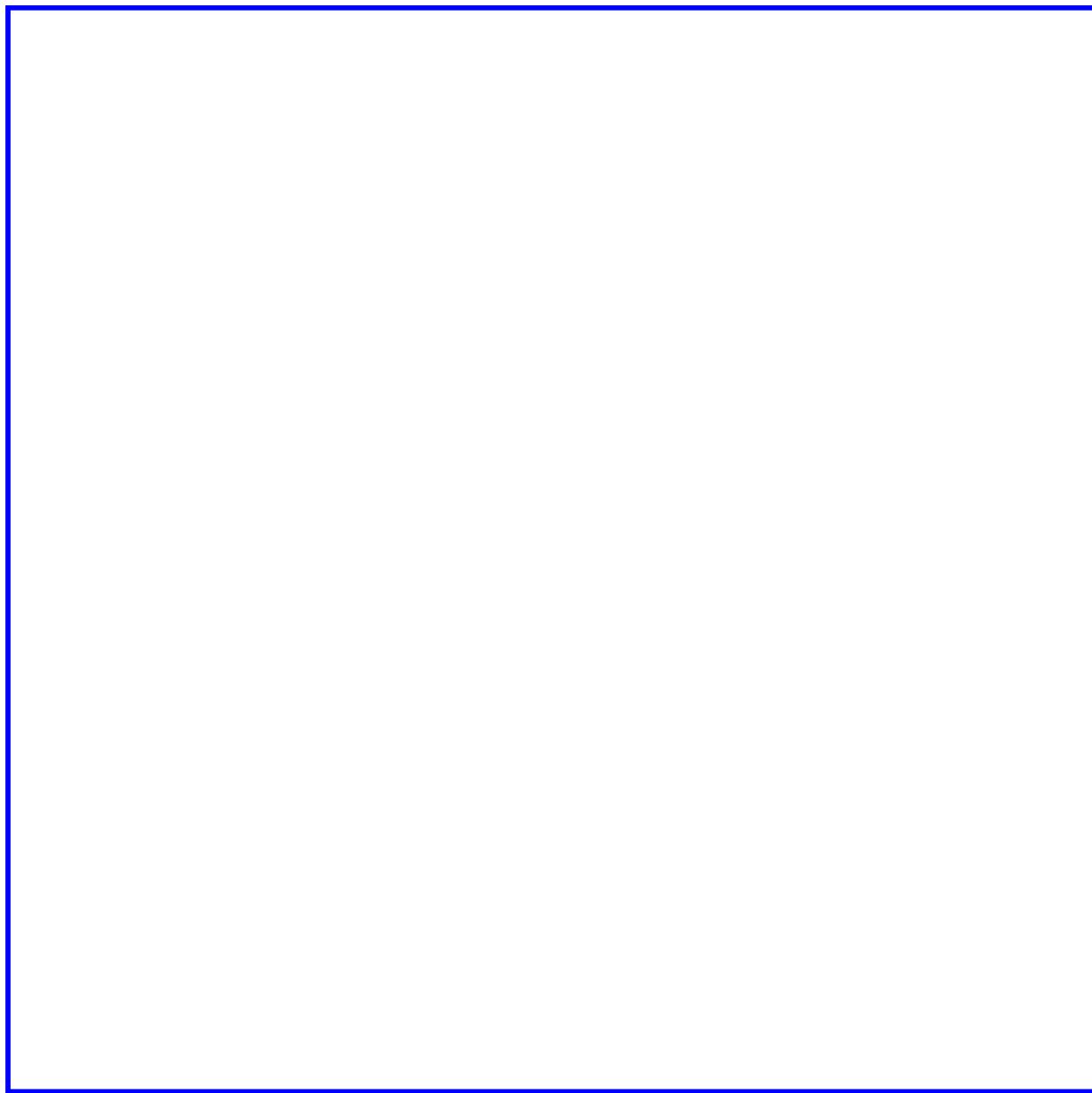
3.17.3.2. Internal Link List

●→ [GetUnit] [Get Current User Key](#) / ↗ Flow1

General properties	
Name	Flow1
Source	●→ [GetUnit] Get Current User Key
Target	 Select User
Type	transport
Automatic Binding	true
Validate	true

4. [SiteView] Home

 [Project](#) /  [Home](#)



4.1. Property Section

General properties	
Name	Home
Home Page	 Home Page
Landmarks	 Home

4.2. Summary Section

4.2.1. Area Summary

 [Home](#)

4.2.2. Component Summary

-  [ModuleInstanceUnit] [Login](#)
-  [ModuleInstanceUnit] [Registration](#)

4.2.3. Landmark Summary

 [Home](#)

4.2.4. Incoming Flow Summary

→ Login	from  Home Page /  [EntryUnit] Join and learn to code with HelloWorld for free	to  [ModuleInstanceUnit] Login
→ Sign Up	from  View content /  [MultiMessageUnit] Message	to  [ModuleInstanceUnit] Registration
→ Sign Up	from  Home Page /  [MultiMessageUnit] Registration	to  [ModuleInstanceUnit] Registration

4.2.5. Outgoing Flow Summary

→ KOF2	from  [ModuleInstanceUnit] Login	to  Home Page /  [MultiMessageUnit] Login error message
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4.3. Details Section

 [ModuleInstanceUnit] Login

General properties				
Module	 Login			
Incoming Parameter				
Password	Password  Home Page /  [EntryUnit] Join and learn to code with HelloWorld for free.	→ Login		
Username	Username  Home Page /  [EntryUnit] Join and learn to code with HelloWorld for free.	→ Login		

 [ModuleInstanceUnit] Registration

General properties	
Module	 Registration

4.3.1. Outgoing Link List

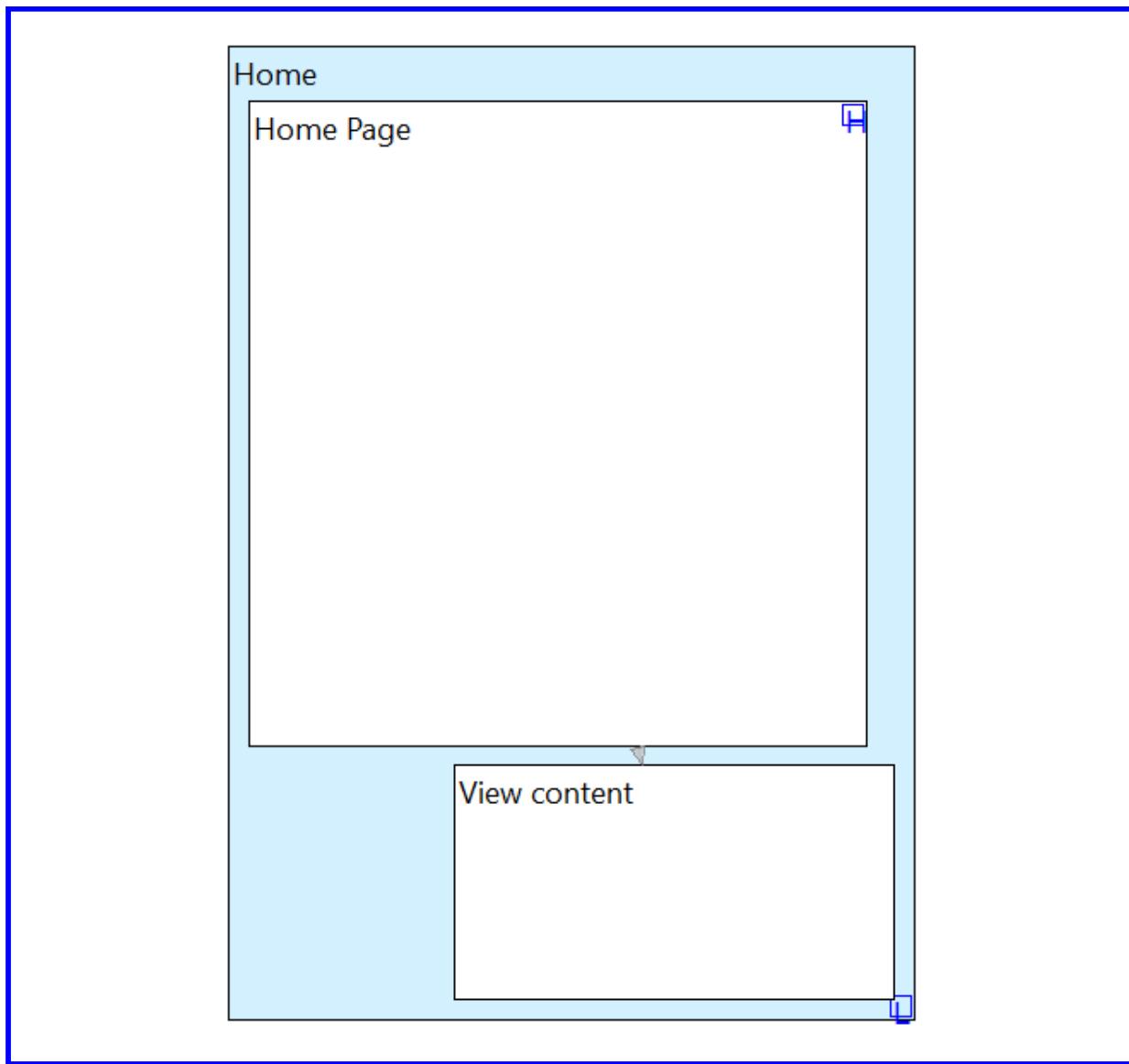
 [ModuleInstanceUnit] [Login](#) / → KOF2

General properties	
Name	KOF2
Source	 [ModuleInstanceUnit] Login
Target	 Login error message

4.4. [Area] Home

 [Project](#) /  [Home](#) /  [Home](#)





4.4.1. Property Section

General properties	
Name	Home
Default Page	Home Page
Landmark	true

4.4.2. Summary Section

4.4.2.1. Page Summary

[Home Page](#)
[View content](#)

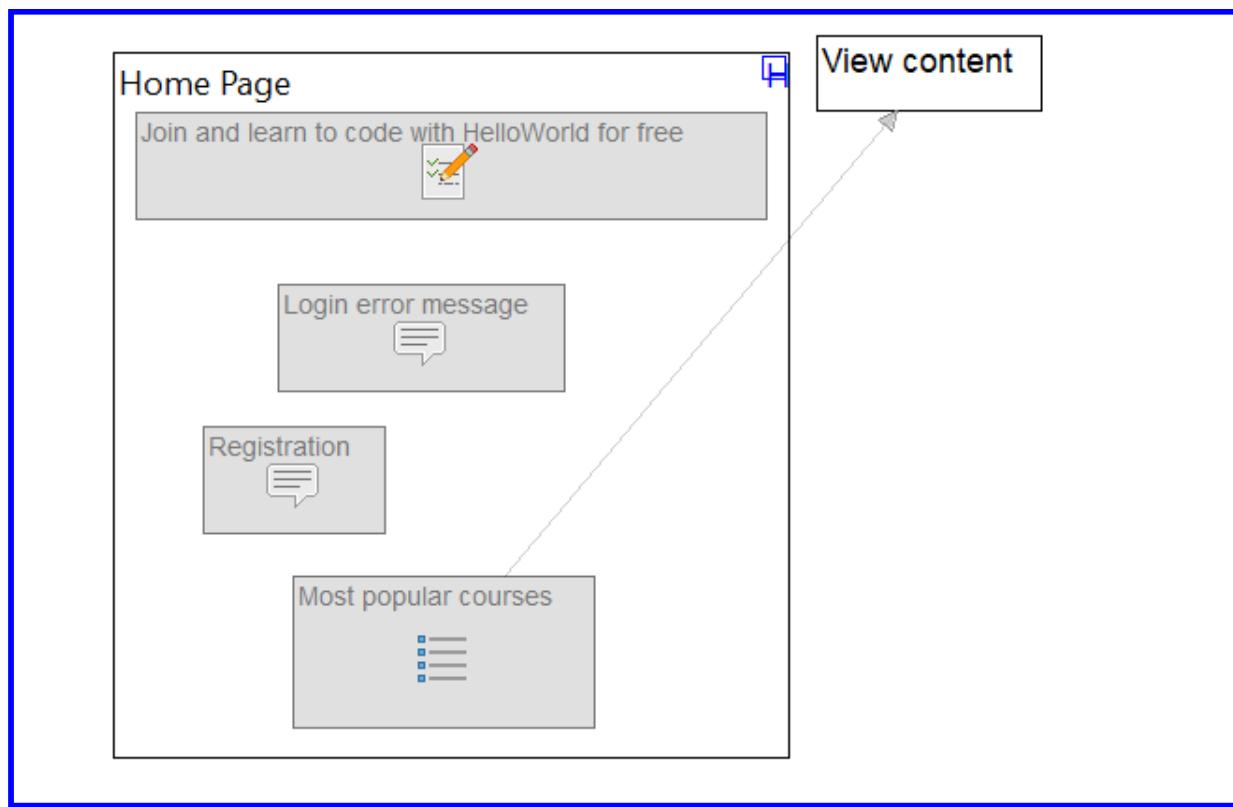
4.4.2.2. Landmark Summary

[Home](#)

4.5. [Page] Home Page

[Project](#) / [Home](#) / [Home](#) / [Home Page](#)





4.5.1. Property Section

General properties	
Name	Home Page
Visibility Policy	hide
URL Fragment	Value

4.5.2. Summary Section

4.5.2.1. Component Summary

- [EntryUnit] [Join and learn to code with HelloWorld for free](#)
- [MultiMessageUnit] [Login error message](#)
- [PowerIndexUnit] [Most popular courses](#)
- [MultiMessageUnit] [Registration](#)

4.5.2.2. Incoming Flow Summary

→ [KOFflow2](#)

from [Home](#) / [ModuleInstanceUnit] [Login](#)

to [MultiMessageUnit] [Login error message](#)

4.5.2.3. Outgoing Flow Summary

→ [Login](#)

from [EntryUnit] [Join and learn to code with HelloWorld for free](#)

to [Home](#) / [ModuleInstanceUnit] [Login](#)

→ [Sign Up](#)

from [MultiMessageUnit] [Registration](#)

to [Home](#) / [ModuleInstanceUnit] [Registration](#)

→ [View content](#)

from [PowerIndexUnit] [Most popular courses](#)

to [View content](#) / [PowerIndexUnit] [View content](#)

4.5.3. Details Section

[EntryUnit] Join and learn to code with HelloWorld for free

General properties	
Name	Join and learn to code with HelloWorld for free
Flow Order	→ Login

Outgoing Parameter

Password	Password Home / [ModuleInstanceUnit] Login .	→ Login
Username	Username Home / [ModuleInstanceUnit] Login .	→ Login

SubUnit List

[EntryUnit] [Join and learn to code with HelloWorld for free](#) / Username

Name	Username
Type	string

[EntryUnit] [Join and learn to code with HelloWorld for free](#) / Password

Name	Password
Type	password

ValidationRule List

[EntryUnit] [Join and learn to code with HelloWorld for free](#) / Username / Mandatory username

Name	Mandatory username
Predicate	
Error Message	Obbligatory field

[EntryUnit] [Join and learn to code with HelloWorld for free](#) / Password / Mandatory password

Name	Mandatory password
Predicate	
Error Message	Obbligatory field

[MultiMessageUnit] Login error message

Name	Login error message
Incoming Parameter	
Shown Messages	LoginerrorPleasetryagainIfyou'reatutoryourapprovalmaystillbependigng → KOFlow2

[PowerIndexUnit] Most popular courses

Name	Most popular courses
Entity	Course
Display Attributes	Name description
Sort Attributes	#followers descending
Max Results	3
Flow Order	→ View content

○ Incoming Parameter		○ Outgoing Parameter	
Block Factor	None	oid RoleCondition22[oid] View content / [PowerIndexUnit] View content.	View content
Block Index	None		
Block Window	None		
Max Results	None		
current oid	None		

✉ [MultiMessageUnit] Registration

General properties	
Name	Registration
Message Text	Not a member yet? Sign up for free.
Flow Order	→ Sign Up
○ Incoming Parameter	
Shown Messages	None

4.5.3.1. Outgoing Link List

✓ [EntryUnit] [Join and learn to code with HelloWorld for free](#) → Login

General properties	
Name	Login
Source	<input checked="" type="checkbox"/> [EntryUnit] Join and learn to code with HelloWorld for free
Target	Login
Type	normal
Validate	true

✉ [MultiMessageUnit] [Registration](#) / → Sign Up

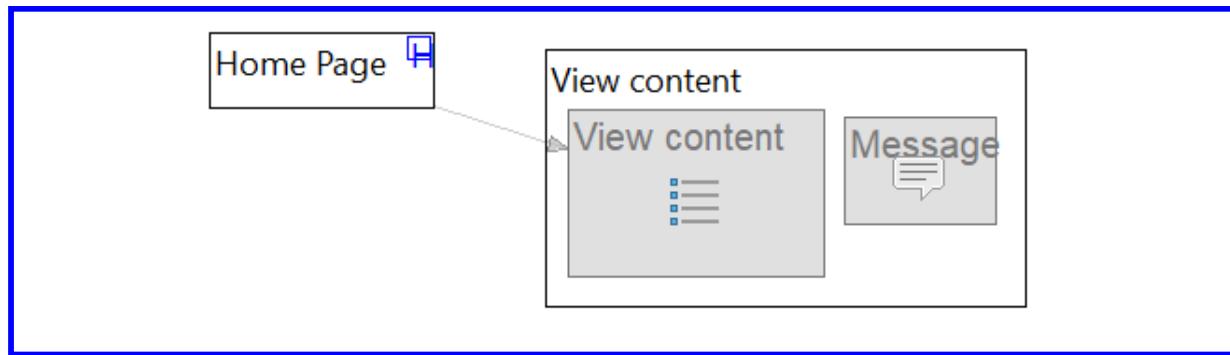
General properties	
Name	Sign Up
Source	✉ [MultiMessageUnit] Registration
Target	Registration
Type	normal
Automatic Binding	true
Validate	true

☰ [PowerIndexUnit] [Most popular courses](#) / → View content

General properties	
Name	View content
Source	☰ [PowerIndexUnit] Most popular courses
Target	View content
Type	normal
Automatic Binding	true
Validate	true

4.6. [Page] View content

Project / Home / Home / View content



4.6.1. Property Section

General properties	
Name	View content
URL Fragment	Value

4.6.2. Summary Section

4.6.2.1. Component Summary

[MultiMessageUnit] Message
 [PowerIndexUnit] [View content](#)

4.6.2.2. Incoming Flow Summary

→ [View content](#) from Home Page / [PowerIndexUnit] [Most popular courses](#) to [PowerIndexUnit] [View content](#)

4.6.2.3. Outgoing Flow Summary

→ [Sign Up](#) from [MultiMessageUnit] Message to Home / [ModuleInstanceUnit] [Registration](#)

4.6.3. Details Section

[MultiMessageUnit] Message

General properties	
Name	Message
Message Text	This is the course syllabus. Do you like it? Then register now for free!
Flow Order	→ Sign Up
Incoming Parameter	
Shown Messages	None

[PowerIndexUnit] View content

General properties	
Name	View content
Entity	Content
Display Attributes	Order Name Description
Sort Attributes	Order ascending

Incoming Parameter	
Block Factor	None
Block Index	None
Block Window	None
Max Results	None
RoleCondition22 [oid]	oid Home Page / [PowerIndexUnit] Most popular courses. → View content
current oid	None

SubUnit List

 [PowerIndexUnit] [View content](#) / Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

 [PowerIndexUnit] [View content](#) / Conditional Expression / RoleCondition22

General properties	
Name	RoleCondition22
Role	CourseToContent
Predicate	In
Required	True

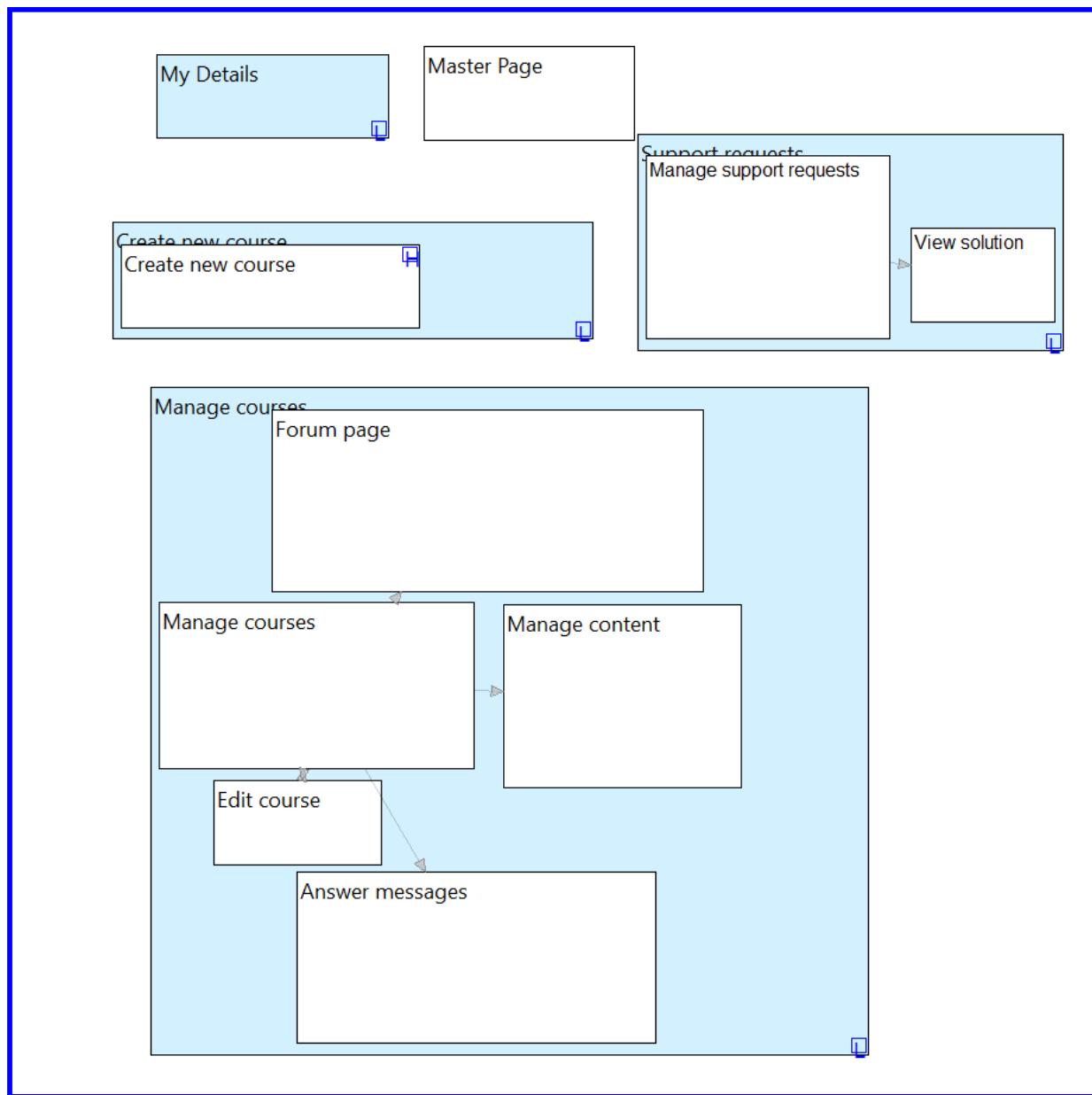
4.6.3.1. Outgoing Link List

 [MultiMessageUnit] [Message](#) / → Sign Up

General properties	
Name	Sign Up
Source	[MultiMessageUnit] Message
Target	Registration
Type	normal
Automatic Binding	true
Validate	true

5. [SiteView] Tutor View

 [Project](#) /  [Tutor View](#)



5.1. Property Section

General properties	
Name	Tutor View
Home Page	 Create new course
Landmarks	 Create new course  Manage courses  Support requests  My Details

5.2. Summary Section

5.2.1. Area Summary

-  [Create new course](#)
-  [Manage courses](#)
-  [My Details](#)
-  [Support requests](#)

5.2.2. MasterPage Summary

-  [Master Page](#)

5.2.3. Component Summary

-  [CreateUnit] [Create course](#)
-  [CreateUnit] [Create forum](#)
-  [LogoutUnit] [Logout](#)
-  [ModifyUnit] [Update course](#)

5.2.4. Landmark Summary

-  [Create new course](#)
-  [Manage courses](#)
-  [My Details](#)
-  [Support requests](#)

5.2.5. Incoming Flow Summary

- [Logout](#)
 - [Save](#)
 - [Save](#)
- from  [Master Page](#) /  [DataUnit] [Select User](#)
- from  [Create new course](#) /  [EntryUnit] [Add course](#)
- from  [Edit course](#) /  [EntryUnit] [Edit course](#)

- to  [LogoutUnit] [Logout](#)
- to  [CreateUnit] [Create course](#)
- to  [ModifyUnit] [Update course](#)

5.2.6. Outgoing Flow Summary

- [OKFlow12](#)
 - [OKFlow48](#)
- from  [CreateUnit] [Create forum](#)
- from  [ModifyUnit] [Update course](#)

- to  [Create new course](#) /  [MultiMessageUnit] [Operation outcome](#)
- to  [Manage courses](#) /  [PowerIndexUnit] [Courses list](#)

5.2.7. Internal Flow Summary

- [OKFlow10](#)
- from  [CreateUnit] [Create course](#)

- to  [CreateUnit] [Create forum](#)

5.3. Details Section

[CreateUnit] Create course

General properties	
Name	Create course
Entity	 Course

Incoming Parameter		Outgoing Parameter	
Category.oid(CourseToCategory)	Category Create new course / [EntryUnit] Add course.	→ Save	Name Create new course / [MultiMessageUnit] Operation outcome. → OKFlow10 → OKFlow12
Content.oid(CourseToContent)	None		description None
Course Object	None		oid Coursekey Create new course / [ModuleInstanceUnit] Add content. → OKFlow10 → OKFlow12 → Add content
Course followed.oid(CourseToCoursesFollowed)	None		Course.oid(ForumToCourse) Create forum. [CreateUnit] Create forum. → OKFlow10
Feedback.oid(CourseToFeedback)	None		
Forum.oid(CourseToForum)	None		
Name	Name Create new course / [EntryUnit] Add course.	→ Save	
Private message.oid(CourseToPrivateMessage)	None		
User.oid(CourseToUser)	UserCtxParam.oid My Details / [GetUnit] Get User.	… Flow18	
description	Description Create new course / [EntryUnit] Add course.	→ Save	
oid	None		

[CreateUnit] Create forum

General properties			
Name		Create forum	
Entity		Forum	
Incoming Parameter		Outgoing Parameter	
Course.oid(ForumToCourse)	oid [CreateUnit] Create course.	→ OKFlow10	oid None
Forum Object	None		
Post.oid(ForumToPost)	None		
oid	None		

LogoutUnit [Logout]

General properties

Name	Logout
Site View	Home

Update course [ModifyUnit]

General properties

Name	Update course
Entity	Course

Incoming Parameter

Category.oid(CourseToCategory)	Category Edit course / [EntryUnit] Edit course.	→ Save
Content.oid(CourseToContent)	None	
Course Object	None	
Course followed.oid(CourseToCourses followed)	None	
Feedback.oid(CourseToFeedback)	None	
Forum.oid(CourseToForum)	None	
KeyCondition23 [oid]	Key[oid] Edit course / [EntryUnit] Edit course.	→ Save
Name	Name Edit course / [EntryUnit] Edit course.	→ Save
Private message.oid(CourseToPrivate message)	None	
User.oid(CourseToUser)	None	
description	Description Edit course / [EntryUnit] Edit course.	→ Save

SubUnit List

Conditional Expression [ModifyUnit]

General properties

Default Policy	Fill
Boolean Operator	And

KeyCondition23 [Conditional Expression]

General properties

Name	KeyCondition23
Predicate	In
Required	True

Outgoing Link List

OKFlow12 [CreateUnit]

General properties

Name	OKFlow12
Source	[CreateUnit] Create forum
Target	Operation outcome

[ModifyUnit] [Update course](#) / → OKFlow48

General properties	
Name	OKFlow48
Source	[ModifyUnit] Update course
Target	Courses list
Automatic Binding	true

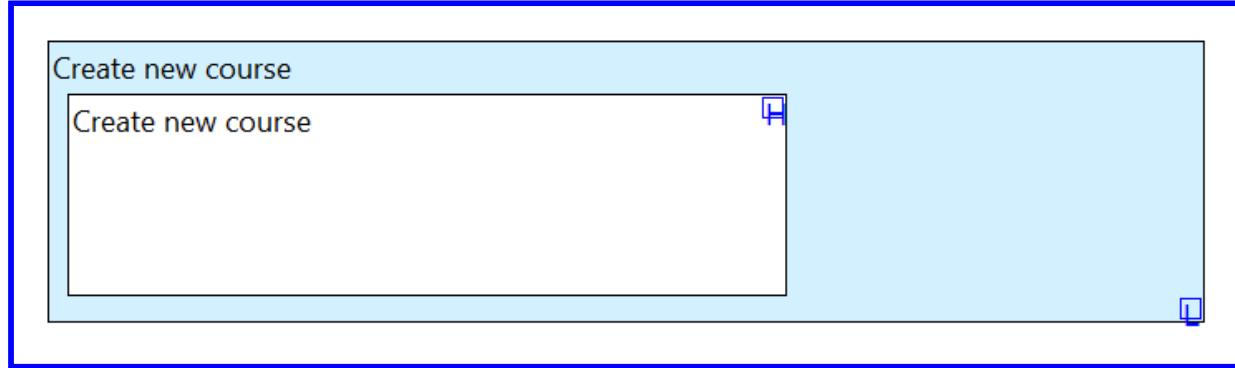
5.3.2. Internal Link List

[CreateUnit] [Create course](#) / → OKFlow10

General properties	
Name	OKFlow10
Source	[CreateUnit] Create course
Target	Create forum

5.4. [Area] Create new course

Project / Tutor View / Create new course



5.4.1. Property Section

General properties	
Name	Create new course
Default Page	Create new course
Landmark	true

5.4.2. Summary Section

5.4.2.1. Page Summary

[Create new course](#)

5.4.2.2. Component Summary

[ModuleInstanceUnit] [Add content](#)

5.4.2.3. Landmark Summary

[Create new course](#)

5.4.2.4. Incoming Flow Summary

→ [Add content](#)

from [Create new course](#) / [MultiMessageUnit]
[Operation outcome](#)

to [ModuleInstanceUnit] [Add content](#)

5.4.3. Details Section

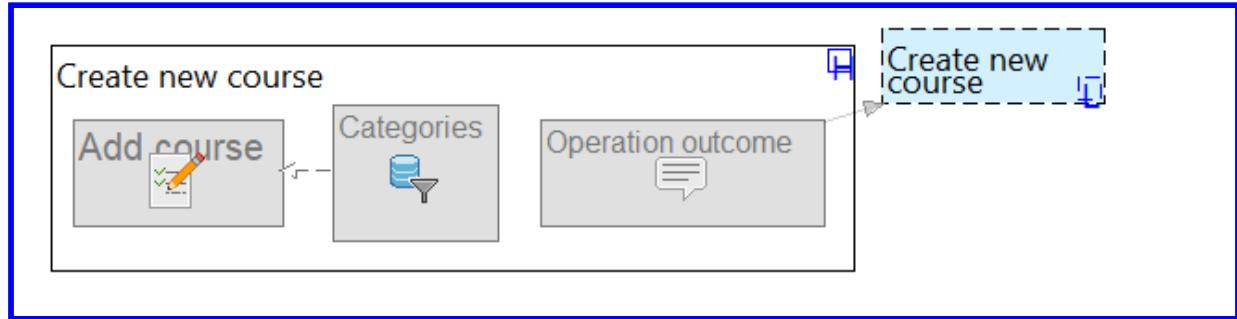
⌚ [ModuleInstanceUnit] Add content

General properties	
Module	Add content
Incoming Parameter	
Course key	oid Tutor View / [CreateUnit] Create course.

[OKFlow10](#) → [OKFlow12](#) → [Add content](#)

5.5. [Page] Create new course

⌚ [Project](#) / [Tutor View](#) / [Create new course](#) / [Create new course](#)



5.5.1. Property Section

General properties	
Name	Create new course
URL Fragment	Value

5.5.2. Summary Section

5.5.2.1. ConditionExpression Summary

⌚ ActivationExpression 1

5.5.2.2. Component Summary

[\[EntryUnit\] Add course](#)

[\[SelectorUnit\] Categories](#)

[\[MultiMessageUnit\] Operation outcome](#)

5.5.2.3. Variable Summary

◆ [var1](#)

5.5.2.4. Incoming Flow Summary

→ [OKFlow12](#)

from [Tutor View](#) / [\[CreateUnit\] Create forum](#)

to [\[MultiMessageUnit\] Operation outcome](#)

5.5.2.5. Outgoing Flow Summary

→ [Add content](#)

from [\[MultiMessageUnit\] Operation outcome](#)

to [\[ModuleInstanceUnit\] Add content](#)

→ [Save](#)

from [\[EntryUnit\] Add course](#)

to [Tutor View](#) / [\[CreateUnit\] Create course](#)

5.5.3. Details Section

5.5.3.1. ConditionExpression List

⌚ ActivationExpression 1

General properties	
Name	ActivationExpression 1

[EntryUnit] Add course

General properties	
Name	Add course
Flow Order	→ Save
Incoming Parameter	Outgoing Parameter
Category - Preselecti on	None
Category [label]	Category [SelectorUnit] Categories.
Category [output]	oid [SelectorUnit] Categories.
	… Flow16
	… Flow16
	Category
	Category.oid(CourseToCategory)
	Tutor View / [CreateUnit]
	Create course.
	→ Save
Description	description Tutor View / [CreateUnit]
Description	Create course.
Name	Name Tutor View / [CreateUnit]
Name	Create course.
	→ Save

SubUnit List

[EntryUnit] [Add course](#) / Name

General properties	
Name	Name
Type	string

[EntryUnit] [Add course](#) / Description

General properties	
Name	Description
Type	text

[EntryUnit] [Add course](#) / Category

General properties	
Name	Category
Type	string

ValidationRule List

[EntryUnit] [Add course](#) / Name / mandatory field

General properties	
Name	mandatory field
Predicate	

[EntryUnit] [Add course](#) / Description / mandatory field

General properties	
Name	mandatory field
Predicate	

[SelectorUnit] Categories

General properties	
Name	Categories
Entity	Category

○ Incoming Parameter		○ Outgoing Parameter	
Max Results	None	#courses	None
		Category	Category[label] [EntryUnit] Add course.
		oid	Category[output] [EntryUnit] Add course.

✉ [MultiMessageUnit] Operation outcome

General properties	
Name	Operation outcome
Message File	WEB-INF/descr/message1.template
Flow Order	→ Add content
○ Incoming Parameter	
Shown Messages	None
courseName	Name Tutor View / [CreateUnit] Create course.
	→ OKFlow10 → OKFlow12

5.5.3.2. Variable List

◆ var1

General properties	
Name	var1
Type	integer
Value	0
○ Incoming Parameter	
1	→ OKFlow12

5.5.3.3. Outgoing Link List

✉ [MultiMessageUnit] [Operation outcome](#) / → Add content

General properties	
Name	Add content
Source	✉ [MultiMessageUnit] Operation outcome
Target	Add content
Type	normal
Validate	true

[EntryUnit] [Add course](#) / → Save

General properties	
Name	Save
Source	[EntryUnit] Add course
Target	[Create course]
Type	normal
Validate	true

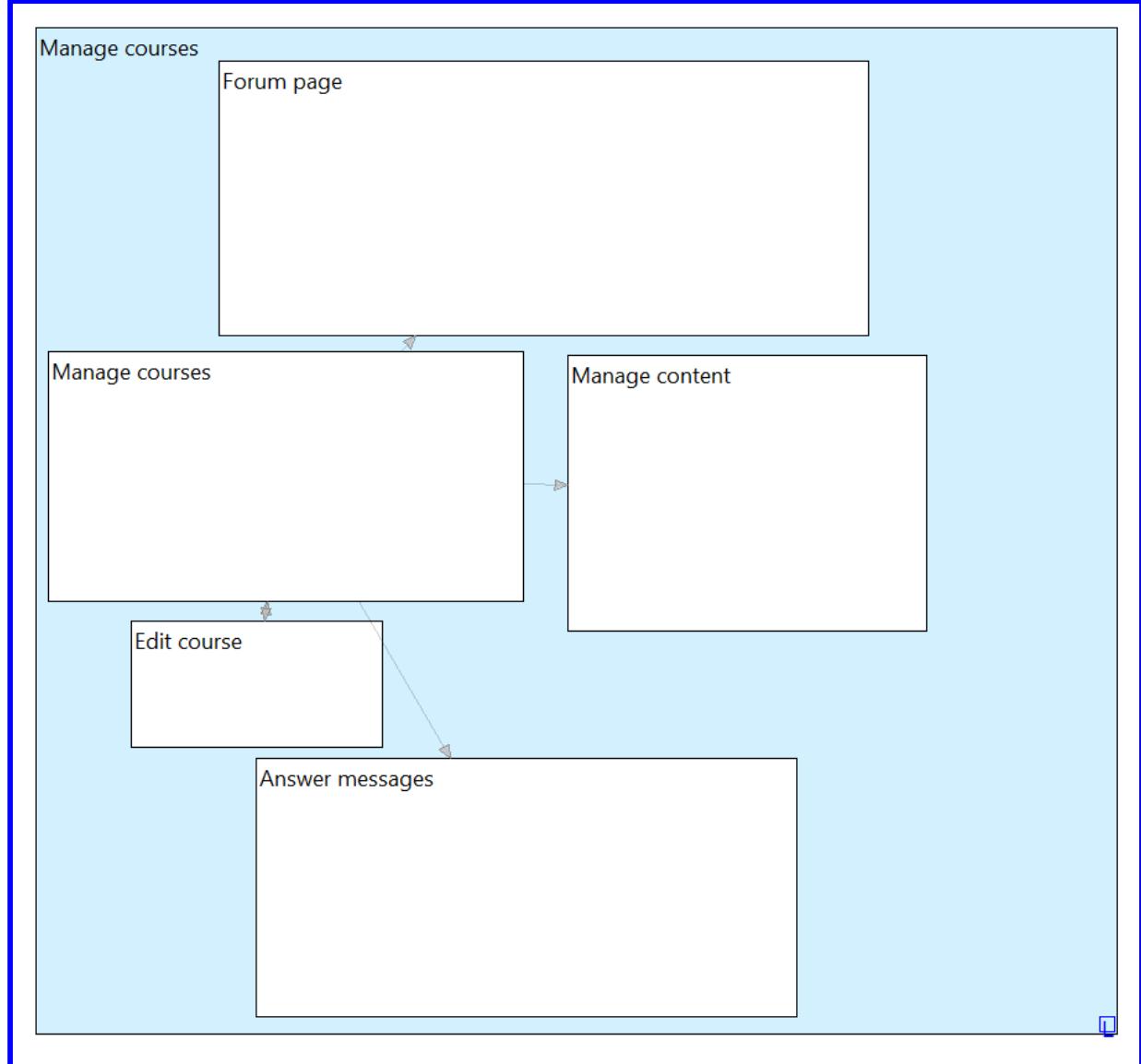
5.5.3.4. Internal Link List

[SelectorUnit] [Categories](#) / → Flow16

General properties	
Name	Flow16
Source	 [SelectorUnit] Categories
Target	 Add course
Type	transport
Validate	true

5.6. [Area] Manage courses

 Project /  Tutor View /  Manage courses



5.6.1. Property Section

General properties	
Name	Manage courses
Default Page	 Manage courses
Landmark	true

5.6.2. Summary Section

5.6.2.1. Page Summary

 Answer messages

	Edit course
	Forum page
	Manage content
	Manage courses

5.6.2.2. Component Summary

	[ModuleInstanceUnit] Add comment
	[ModuleInstanceUnit] Add content
	+ [CreateUnit] Create post
	- [DeleteUnit] Delete content
	[ModuleInstanceUnit] Delete course
	[ModuleInstanceUnit] Edit content
	+ [ModifyUnit] Update private message

5.6.2.3. Landmark Summary

	Manage courses
--	--------------------------------

5.6.2.4. Incoming Flow Summary

→ Add content	from Manage content / [MultiMessageUnit] Advice	to [ModuleInstanceUnit] Add content
→ Answer	from Answer messages / [EntryUnit] Answer message	to + [ModifyUnit] Update private message
→ Comments	from Forum page / [PowerIndexUnit] Posts	to [ModuleInstanceUnit] Add comment
→ Delete	from Manage courses / [PowerIndexUnit] Courses list	to [ModuleInstanceUnit] Delete course
→ Delete	from Manage content / [PowerIndexUnit] Content list	to - [DeleteUnit] Delete content
→ Edit	from Manage content / [PowerIndexUnit] Content list	to [ModuleInstanceUnit] Edit content
→ Save	from Forum page / [EntryUnit] Create post	to + [CreateUnit] Create post

5.6.2.5. Outgoing Flow Summary

→ OKFlow16	from [ModuleInstanceUnit] Delete course	to Manage courses / [PowerIndexUnit] Courses list
→ OKFlow22	from + [ModifyUnit] Update private message	to Answer messages
→ OKFlow25	from + [CreateUnit] Create post	to Forum page
→ OKFlow70	from [ModuleInstanceUnit] Edit content	to Manage content / [PowerIndexUnit] Content list
→ KOFlow3	from [ModuleInstanceUnit] Delete course	to Manage courses / [MultiMessageUnit] Error

5.6.3. Details Section

ModuleInstanceUnit] Add comment

General properties	
Module	Add comment
Incoming Parameter	
Post key	oid Forum page / [PowerIndexUnit] Posts .

ModuleInstanceUnit] Add content

General properties	
Module	Add content
Incoming Parameter	
Course key	oid Manage courses / [PowerIndexUnit] Courses list .

⌚ [CreateUnit] Create post

General properties	
Name	Create post
Entity	Post
Incoming Parameter	
Comment.oid(PostToComment)	None
Description	Description Forum page / [EntryUnit] Create post.
Forum.oid(PostForForum)	CourseToForum.oid Manage courses / [PowerIndexUnit] Courses list.
Insert Time	Current/InputTimestamp Forum page / [TimeUnit] Insert time.
Post Object	None
Title	Title Forum page / [EntryUnit] Create post.
User.oid(PostToUser)	UserCtxParam.oid Forum page / [GetUnit] Get user.
oid	None
Outgoing Parameter	
Description	None
Insert Time	None
Title	None
oid	None

⌚ [DeleteUnit] Delete content

General properties	
Name	Delete content
Entity	Content
Incoming Parameter	
KeyCondition15 [oid]	oid Manage content / [PowerIndexUnit] Content list. → Delete

SubUnit List

⌚ [DeleteUnit] Delete content / ⌚ Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

⌚ [DeleteUnit] Delete content / ⌚ Conditional Expression / ⌚ KeyCondition15

General properties	
Name	KeyCondition15
Predicate	In
Required	True

⌚ [ModuleInstanceUnit] Delete course

General properties	
Module	Delete course
Incoming Parameter	
Course key	oid Manage courses / [PowerIndexUnit] Courses list. → Delete

ModuleInstanceUnit] Edit content

General properties	
Module	Edit content
Incoming Parameter	
Content key	oid Manage content / [PowerIndexUnit] Content list. → Edit

ModifyUnit] Update private message

General properties	
Name	Update private message
Entity	Private message
Incoming Parameter	
Answer	Answer Answer messages / [EntryUnit] Answer message. → Answer
Course.oid(Private messageToCourse)	None
Description	None
Instertion date	None
KeyCondition22 [oid]	Key[oid] Answer messages / [EntryUnit] Answer message. → Answer
Private message Object	None
Status	Answered → Answer
Title	None
User.oid(Private messageToUser)	None

SubUnit List

ModifyUnit] Update private message / Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

ModifyUnit] Update private message / Conditional Expression / KeyCondition22

General properties	
Name	KeyCondition22
Predicate	In
Required	True

5.6.3.1. Outgoing Link List

ModuleInstanceUnit] Delete course / → OKFlow16

General properties	
Name	OKFlow16
Source	[ModuleInstanceUnit] Delete course
Target	Courses list
Automatic Binding	true

ModifyUnit] Update private message / → OKFlow22

General properties	
Name	OKFlow22
Source	✉ + [ModifyUnit] Update private message
Target	📄 Answer messages

✉ + [CreateUnit] [Create post](#) / → OKFlow25

General properties	
Name	OKFlow25
Source	✉ + [CreateUnit] Create post
Target	📄 Forum page

✎ [ModuleInstanceUnit] [Edit content](#) / → OKFlow70

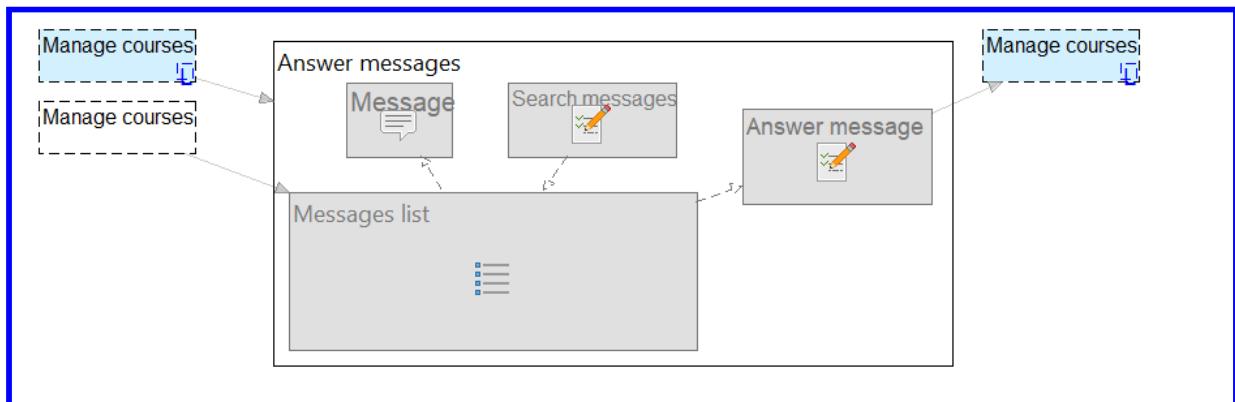
General properties	
Name	OKFlow70
Source	✎ [ModuleInstanceUnit] Edit content
Target	📄 Content list
Automatic Binding	true

ⓧ [ModuleInstanceUnit] [Delete course](#) / → KOFlow3

General properties	
Name	KOFlow3
Source	ⓧ [ModuleInstanceUnit] Delete course
Target	💬 Error

5.7. [Page] Answer messages

Project / 🌐 Tutor View / 🏢 Manage courses / 📄 Answer messages



5.7.1. Property Section

General properties	
Name	Answer messages
URL Fragment	Value

5.7.2. Summary Section

5.7.2.1. ConditionExpression Summary

[ConditionExpression] [ActivationExpression 4](#)

5.7.2.2. Component Summary

- [EntryUnit] [Answer message](#)
- [MultiMessageUnit] [Message](#)
- [PowerIndexUnit] [Messages list](#)
- [EntryUnit] [Search messages](#)

5.7.2.3. Variable Summary

[var4](#)

5.7.2.4. Incoming Flow Summary

- [Messages](#) from [Manage courses](#) / [PowerIndexUnit] [Courses list](#) to [PowerIndexUnit] [Messages list](#)
- [OKFlow22](#) from [Manage courses](#) / [ModifyUnit] [Update private message](#) to [Answer messages](#)

5.7.2.5. Outgoing Flow Summary

- [Answer](#) from [EntryUnit] [Answer message](#) to [Manage courses](#) / [ModifyUnit] [Update private message](#)

5.7.2.6. Internal Flow Summary

- [Answer](#) from [PowerIndexUnit] [Messages list](#) to [EntryUnit] [Answer message](#)
- [Search](#) from [EntryUnit] [Search messages](#) to [PowerIndexUnit] [Messages list](#)

5.7.3. Details Section

5.7.3.1. ConditionExpression List

ActivationExpression 4

General properties	
Name	ActivationExpression 4

[EntryUnit] Answer message

General properties		
Name		Answer message
Incoming Parameter		Outgoing Parameter
Answer	Answer [PowerIndexUnit] Messages list.	→ Answer
Key Condition [oid]	oid [PowerIndexUnit] Messages list.	→ Answer
		Answer Manage courses / [ModifyUnit] Update private message.
		Key [oid] KeyCondition22[oid] Manage courses / [ModifyUnit] Update private message.
		Private message Object None

SubUnit List

[EntryUnit] [Answer message](#) / [Answer](#)

General properties	
Name	Answer
Type	text
Preloaded	true

ValidationRule List

[EntryUnit] Answer message / Answer / Mandatory field

General properties	
Name	Mandatory field
Predicate	

[MultiMessageUnit] Message

General properties	
Name	Message
Message File	WEB-INF/descr/message7.template
Incoming Parameter	
Shown Messages	None
messageTitle	Title: [PowerIndexUnit] Messages list. → Flow34

[PowerIndexUnit] Messages list

General properties	
Name	Messages list
Entity	Private message
Display Attributes	Insertion date UserName Title Description Status
Sort Attributes	Insertion date ascending
Flow Order	→ Answer
Incoming Parameter	
Block Factor	None
Block Index	None
Block Window	None
Max Results	None
RoleCondition15 [oid]	oid Manage courses / [PowerIndexUnit] Courses list. → Messages
Search	Search [EntryUnit] Search messages. → Search
current oid	None
Outgoing Parameter	
Answer	Answer [EntryUnit] Answer message. → Answer
Title	messageTitle [MultiMessageUnit] Message. → Flow34
oid	KeyCondition[oid] [EntryUnit] Answer message. → Answer

SubUnit List

[PowerIndexUnit] Messages list / Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

[PowerIndexUnit] Messages list / Conditional Expression / Search

General properties

Name	Search
Attributes	② Title ③ Description ④ UserName
Predicate	Contains
Ignore Case	true
Boolean Operator	Or
Required	False

[PowerIndexUnit] Messages list / ② Conditional Expression / ④ AttCondition10

General properties

Name	AttCondition10
Attributes	② Status
Predicate	Equal
Boolean Operator	Or
Value	No answer
Required	True

[PowerIndexUnit] Messages list / ② Conditional Expression / ④ RoleCondition15

General properties

Name	RoleCondition15
Role	② CourseToPrivate message
Predicate	In
Required	True

✓ [EntryUnit] Search messages

General properties

Name	Search messages
Flow Order	→ Search
○↔ Outgoing Parameter	
Search	Search [PowerIndexUnit] Messages list. → Search

SubUnit List

✓ [EntryUnit] Search messages / ② Search

General properties

Name	Search
Type	string

5.7.3.2. Variable List

◆ var4

General properties

Name	var4
Type	integer
Value	0
○↔ Incoming Parameter	
1	→ Answer
0	→ OKFlow22

5.7.3.3. Outgoing Link List

[EntryUnit] [Answer message](#) / → Answer

General properties	
Name	Answer
Source	[EntryUnit] Answer message
Target	Update private message
Type	normal
Validate	true

5.7.3.4. Internal Link List

[PowerIndexUnit] [Messages list](#) / → Answer

General properties	
Name	Answer
Source	[PowerIndexUnit] Messages list
Target	Answer message
Type	normal
Validate	true

[PowerIndexUnit] [Messages list](#) / ↗ Flow34

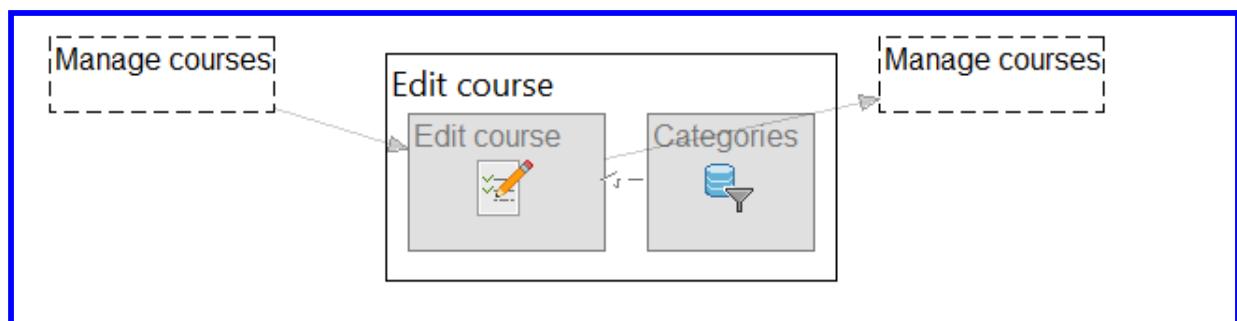
General properties	
Name	Flow34
Source	[PowerIndexUnit] Messages list
Target	Message
Type	transport
Validate	true

[EntryUnit] [Search messages](#) / → Search

General properties	
Name	Search
Source	[EntryUnit] Search messages
Target	Messages list
Type	normal
Validate	true

5.8. [Page] Edit course

Project / Tutor View / Manage courses / Edit course

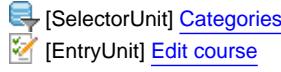


5.8.1. Property Section

General properties	
Name	Edit course
URL Fragment	Value

5.8.2. Summary Section

5.8.2.1. Component Summary



5.8.2.2. Incoming Flow Summary

→ [Edit](#) from [Manage courses](#) / [PowerIndexUnit] [Courses list](#) to [EntryUnit] [Edit course](#)

5.8.2.3. Outgoing Flow Summary

→ Cancel	from [EntryUnit] Edit course	to Manage courses / [PowerIndexUnit] Courses list
→ Save	from [EntryUnit] Edit course	to Tutor View / [ModifyUnit] Update course

5.8.3. Details Section

[SelectorUnit] Categories

General properties	
Name	Categories
Entity	Category
Incoming Parameter	
Max Results	None
Category	Category[label] [EntryUnit] Edit course
	oid Category[output] [EntryUnit] Edit course
Outgoing Parameter	
Category	Category[label] [EntryUnit] Edit course
	oid Category[output] [EntryUnit] Edit course
Flow97	

[EntryUnit] Edit course

General properties	
Name	Edit course
Entity	Course
Flow Order	→ Save → Cancel
Incoming Parameter	
Category - Preselection	CourseToCategory.oid Manage courses / [PowerIndexUnit] Courses list .
Category [label]	Category [SelectorUnit] Categories .
Category [output]	oid [SelectorUnit] Categories .
Description	description Manage courses / [PowerIndexUnit] Courses list .
Key Condition [oid]	oid Manage courses / [PowerIndexUnit] Courses list .
Name	Name Manage courses / [PowerIndexUnit] Courses list .
Outgoing Parameter	
Category	Category.oid(CourseToCategory) Tutor View / [ModifyUnit] Update course .
Course Object	None
Description	description Tutor View / [ModifyUnit] Update course .
Key [oid]	KeyCondition23[oid] Tutor View / [ModifyUnit] Update course .
Name	Name Tutor View / [ModifyUnit] Update course .
Flow97	
→ Save	

SubUnit List

[EntryUnit] Edit course / Name

General properties	
Name	Name
Type	string
Preloaded	true

[EntryUnit] Edit course / Description

General properties	
Name	Description
Type	text
Preloaded	true

[EntryUnit] Edit course / Category

General properties	
Name	Category
Type	string

ValidationRule List

[EntryUnit] Edit course / Name / mandatory field

General properties	
Name	mandatory field
Predicate	

[EntryUnit] Edit course / Description / mandatory field

General properties	
Name	mandatory field
Predicate	

5.8.3.1. Outgoing Link List

[EntryUnit] Edit course / → Cancel

General properties	
Name	Cancel
Source	[EntryUnit] Edit course
Target	Courses list
Type	normal
Automatic Binding	true
Validate	true

[EntryUnit] Edit course / → Save

General properties	
Name	Save
Source	[EntryUnit] Edit course
Target	Update course
Type	normal
Validate	true

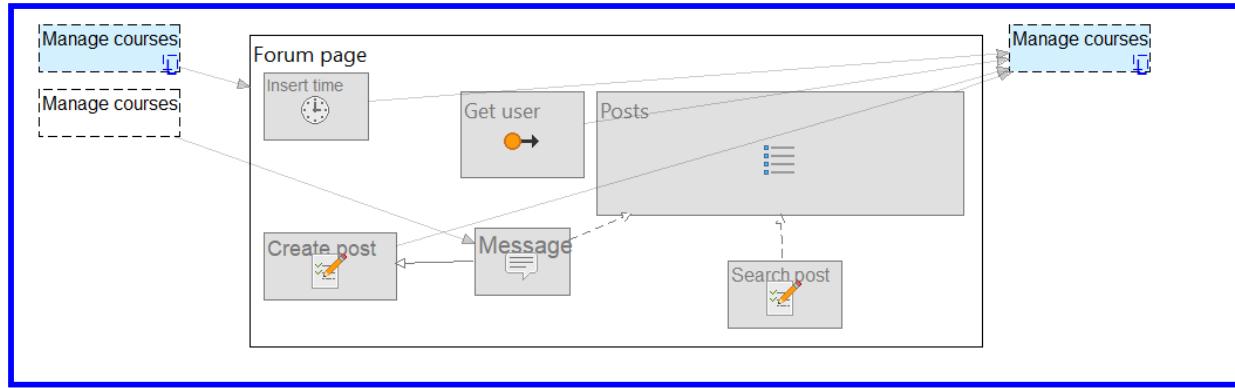
5.8.3.2. Internal Link List

[SelectorUnit] Categories / Flow97

General properties	
Name	Flow97
Source	 [SelectorUnit] Categories
Target	 Edit course
Type	transport
Validate	true

5.9. [Page] Forum page

 Project /  Tutor View /  Manage courses /  Forum page



5.9.1. Property Section

General properties	
Name	Forum page
URL Fragment	Value

5.9.2. Summary Section

5.9.2.1. ConditionExpression Summary

 ActivationExpression 16

5.9.2.2. Component Summary

-  [EntryUnit] Create post
-  [GetUnit] Get user
-  [TimeUnit] Insert time
-  [MultiMessageUnit] Message
-  [PowerIndexUnit] Posts
-  [EntryUnit] Search post

5.9.2.3. Variable Summary

 var18

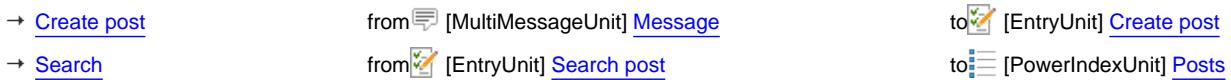
5.9.2.4. Incoming Flow Summary

- [Forum](#) from  Manage courses /  [PowerIndexUnit] Courses list to  [MultiMessageUnit] Message
- [OKFlow25](#) from  Manage courses /  [CreateUnit] Create post to  Forum page

5.9.2.5. Outgoing Flow Summary

- [Comments](#) from  [PowerIndexUnit] Posts to  Manage courses /  [ModuleInstanceUnit] Add comment
- [Save](#) from  [EntryUnit] Create post to  Manage courses /  [CreateUnit] Create post

5.9.2.6. Internal Flow Summary



5.9.3. Details Section

5.9.3.1. ConditionExpression List

[ActivationExpression 16]

General properties	
Name	ActivationExpression 16

[EntryUnit] Create post

General properties	
Name	Create post
Flow Order	→ Save
Outgoing Parameter	
Description	Description [Manage courses / [CreateUnit] Create post.] → Save
Title	Title [Manage courses / [CreateUnit] Create post.] → Save

SubUnit List

[EntryUnit] Create post / Title

General properties	
Name	Title
Type	string

[EntryUnit] Create post / Description

General properties	
Name	Description
Type	text

ValidationRule List

[EntryUnit] Create post / Title / Mandatory field

General properties	
Name	Mandatory field
Predicate	

[EntryUnit] Create post / Description / Mandatory field

General properties	
Name	Mandatory field
Predicate	

→ [GetUnit] Get user

General properties	
Name	Get user
Context Parameters	
Context Parameters	↳ UserCtxParam
Outgoing Parameter	
UserCtxParam.oid	User.oid(PostToUser) [Manage courses / [CreateUnit] Create post.] → Flow111

⌚ [TimeUnit] Insert time

General properties	
Name	Insert time
⌚ Incoming Parameter	⌚ Outgoing Parameter
Input Date	None
Input Time	None
InputTimeStamp	None
	Current/In put Timestamp
	InsertTime Manage courses / [CreateUnit] Create post.
	… Flow110

✉ [MultiMessageUnit] Message

General properties	
Name	Message
Message File	WEB-INF/descr/message8.template
Flow Order	→ Create post
⌚ Incoming Parameter	
Shown Messages	None
courseName	Name Manage courses / [PowerIndexUnit] Courses list. → Forum

≡ [PowerIndexUnit] Posts

General properties	
Name	Posts
Entity	Post
Display Attributes	Insert Time Username Title Description
Sort Attributes	Insert Time descending
Flow Order	→ Comments
⌚ Incoming Parameter	⌚ Outgoing Parameter
Block Factor	None
Block Index	None
Block Window	None
Max Results	None
RoleCondition17 [oid]	CourseToForum.oid Manage courses / [PowerIndexUnit] Courses list. → Forum → Flow112
Search	Search [EntryUnit] Search post. → Search
current oid	None
oid	Postkey Manage courses / [ModuleInstanceUnit] Add comment.
	→ Comments

SubUnit List

≡ [PowerIndexUnit] Posts / Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

[PowerIndexUnit] Posts / [Conditional Expression] / [RoleCondition17]

General properties

Name	RoleCondition17
Role	ForumToPost
Predicate	In
Required	True

[PowerIndexUnit] Posts / [Conditional Expression] / [Search]

General properties

Name	Search
Attributes	Title Description Username
Predicate	Contains
Ignore Case	true
Boolean Operator	Or
Required	False

[EntryUnit] Search post

General properties

Name	Search post
Flow Order	→ Search
Outgoing Parameter	
Search	Search [PowerIndexUnit] Posts.

SubUnit List

[EntryUnit] Search post / Search

General properties

Name	Search
Type	string

5.9.3.2. Variable List

◆ var18

General properties

Name	var18
Type	integer
Value	0
Incoming Parameter	
1	→ Create post
0	→ OKFlow25

5.9.3.3. Outgoing Link List

[PowerIndexUnit] Posts / → Comments

General properties

Name	Comments
Source	[PowerIndexUnit] Posts
Target	Add comment
Type	normal
Validate	true

[TimeUnit] Insert time / Flow110

General properties	
Name	Flow110
Source	[TimeUnit] Insert time
Target	+ Create post
Type	transport
Validate	true

[GetUnit] Get user / Flow111

General properties	
Name	Flow111
Source	[GetUnit] Get user
Target	+ Create post
Type	transport
Automatic Binding	true
Validate	true

[EntryUnit] Create post / → Save

General properties	
Name	Save
Source	[EntryUnit] Create post
Target	+ Create post
Type	normal
Validate	true

5.9.3.4. Internal Link List

[MultiMessageUnit] Message / → Create post

General properties	
Name	Create post
Source	[MultiMessageUnit] Message
Target	Create post
Type	normal
Validate	true

[MultiMessageUnit] Message / Flow112

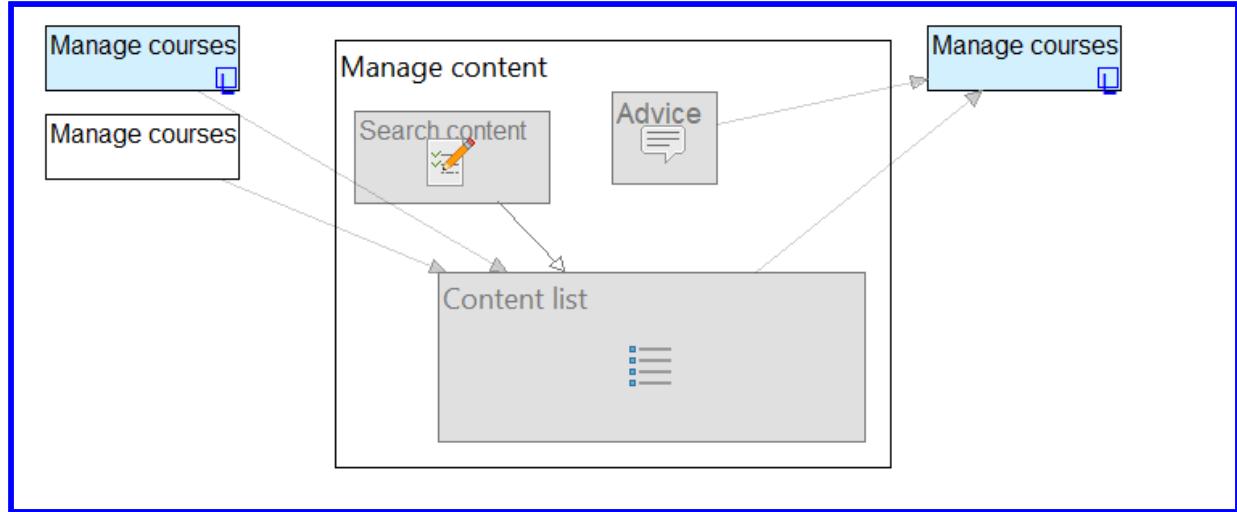
General properties	
Name	Flow112
Source	[MultiMessageUnit] Message
Target	Posts
Type	transport
Validate	true

[EntryUnit] [Search post](#) / → Search

General properties	
Name	Search
Source	[EntryUnit] Search post
Target	Posts
Type	normal
Validate	true

5.10. [Page] Manage content

Project / Tutor View / Manage courses / Manage content



5.10.1. Property Section

General properties	
Name	Manage content
URL Fragment	Value

5.10.2. Summary Section

5.10.2.1. Component Summary

[MultiMessageUnit] [Advice](#)
 [PowerIndexUnit] [Content list](#)
 [EntryUnit] [Search content](#)

5.10.2.2. Incoming Flow Summary

→ [View content](#) from [Manage courses](#) / [PowerIndexUnit] [Courses list](#) to [PowerIndexUnit] [Content list](#)
 → [OKFlow70](#) from [Manage courses](#) / [ModuleInstanceUnit] [Edit content](#) to [PowerIndexUnit] [Content list](#)

5.10.2.3. Outgoing Flow Summary

→ Add content	from [MultiMessageUnit] Advice	to Manage courses / [ModuleInstanceUnit] Add content
→ Delete	from [PowerIndexUnit] Content list	to Manage courses / [DeleteUnit] Delete content
→ Edit	from [PowerIndexUnit] Content list	to Manage courses / [ModuleInstanceUnit] Edit content

5.10.2.4. Internal Flow Summary

[→ Search](#)from [EntryUnit] [Search content](#)to [PowerIndexUnit] [Content list](#)

5.10.3. Details Section

[MultiMessageUnit] Advice

General properties	
Name	Advice
Message Text	If you want to add a new course click here:
Flow Order	→ Add content
○+ Incoming Parameter	
Shown Messages	None

[PowerIndexUnit] Content list

General properties	
Name	Content list
Entity	Content
Display Attributes	Order Name Description
Sort Attributes	Order ascending
Flow Order	→ Edit → Delete
○+ Incoming Parameter	○+ Outgoing Parameter
Block Factor	None
Block Index	None
Block Window	None
Max Results	None
RoleCondition4 [oid]	oid Manage courses / [PowerIndexUnit] Courses list . → View content
Search	Search [EntryUnit] Search content . → Search
current oid	None

SubUnit List

[PowerIndexUnit] Content list / Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

[PowerIndexUnit] Content list / Conditional Expression / RoleCondition4

General properties	
Name	RoleCondition4
Role	CourseToContent
Predicate	In
Required	True

[PowerIndexUnit] Content list / Conditional Expression / Search

General properties	
Name	Search
Attributes	Name Description
Predicate	Contains
Ignore Case	true
Boolean Operator	Or
Required	False

[EntryUnit] Search content

General properties	
Name	Search content
Flow Order	→ Search
Outgoing Parameter	
Search	Search [PowerIndexUnit] Content list. → Search

SubUnit List

[EntryUnit] [Search content](#) / Search

General properties	
Name	Search
Type	string

5.10.3.1. Outgoing Link List

[MultiMessageUnit] [Advice](#) / → Add content

General properties	
Name	Add content
Source	[MultiMessageUnit] Advice
Target	Add content
Type	normal
Validate	true

[PowerIndexUnit] [Content list](#) / → Delete

General properties	
Name	Delete
Source	[PowerIndexUnit] Content list
Target	Delete content
Type	normal
Automatic Binding	true
Validate	true

[PowerIndexUnit] [Content list](#) / → Edit

General properties	
Name	Edit
Source	[PowerIndexUnit] Content list
Target	Edit content
Type	normal
Validate	true

[PowerIndexUnit] Content list / Flow129

General properties	
Name	Flow129
Source	[PowerIndexUnit] Content list
Target	Add content
Type	transport
Validate	true

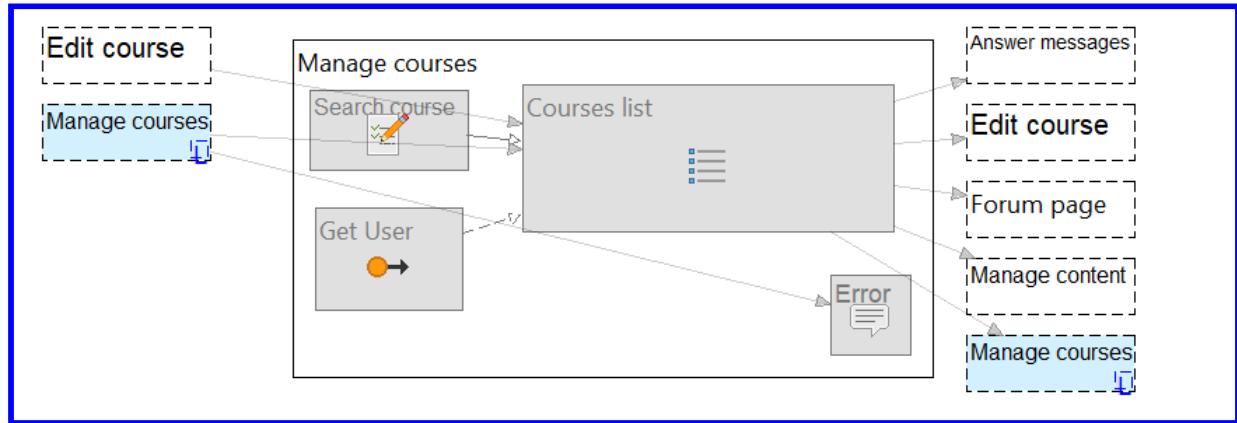
5.10.3.2. Internal Link List

[EntryUnit] Search content / Search

General properties	
Name	Search
Source	[EntryUnit] Search content
Target	Content list
Type	normal
Validate	true

5.11. [Page] Manage courses

Project / Tutor View / Manage courses / Manage courses



5.11.1. Property Section

General properties	
Name	Manage courses
URL Fragment	Value

5.11.2. Summary Section

5.11.2.1. Component Summary

- [PowerIndexUnit] Courses list
- [MultiMessageUnit] Error
- [GetUnit] Get User
- [EntryUnit] Search course

5.11.2.2. Incoming Flow Summary

→ Cancel
→ OKFlow16

from Edit course / [EntryUnit] Edit course to [PowerIndexUnit] Courses list
from Manage courses / [ModuleInstanceUnit] Delete course to [PowerIndexUnit] Courses list

→ [OKFlow48](#)

→ [KOFflow3](#)

from  [Tutor View](#) /  [ModifyUnit] [Update course](#)

from  [Manage courses](#) /  [ModuleInstanceUnit] [Delete course](#)

to  [PowerIndexUnit] [Courses list](#)

to  [MultiMessageUnit] [Error](#)

5.11.2.3. Outgoing Flow Summary

→ [Delete](#)

from  [PowerIndexUnit] [Courses list](#)

to  [Manage courses](#) /  [ModuleInstanceUnit] [Delete course](#)

→ [Edit](#)

from  [PowerIndexUnit] [Courses list](#)

to  [Edit course](#) /  [EntryUnit] [Edit course](#)

→ [Forum](#)

from  [PowerIndexUnit] [Courses list](#)

to  [Forum page](#) /  [MultiMessageUnit] [Message](#)

→ [Messages](#)

from  [PowerIndexUnit] [Courses list](#)

to  [Answer messages](#) /  [PowerIndexUnit] [Messages list](#)

→ [View content](#)

from  [PowerIndexUnit] [Courses list](#)

to  [Manage content](#) /  [PowerIndexUnit] [Content list](#)

5.11.2.4. Internal Flow Summary

→ [Search](#)

from  [EntryUnit] [Search course](#)

to  [PowerIndexUnit] [Courses list](#)

5.11.3. Details Section

[PowerIndexUnit] Courses list

 General properties	
Name	Courses list
Entity	 Course
Display Attributes	@ Name @ description @ avgrating @ #followers
Flow Order	→ View content → Forum → Messages → Edit → Delete

Incoming Parameter		Outgoing Parameter	
Block Factor	None	CourseTo Category. oid	Category-Preselection Edit course / [EntryUnit] Edit course. → Edit
Block Index	None	CourseTo Forum.oid	Forum.oid(PostToForum) Manage courses / [CreateUnit] Create post. → Forum → Create post → Save
Block Window	None		RoleCondition17[oid] Forum page / [PowerIndexUnit] Posts. → Forum → Flow112
Max Results	None	Name	Name Edit course / [EntryUnit] Edit course. → Edit
RoleCondition3 [oid]	UserCtxParam.oid [GetUnit] Get User. → Flow76	courseName	courseName Forum page / [MultiMessageUnit] Message. → Forum
Search	Search [EntryUnit] Search → Search	description	Description Edit course / [EntryUnit] Edit course. → Edit
current oid	None	oid	Coursekey Manage courses / [ModuleInstanceUnit] Add content. → View content → Flow129
			Coursekey Manage courses / [ModuleInstanceUnit] Delete course. → Delete
			KeyCondition[oid] Edit course / [EntryUnit] Edit course. → Edit
			RoleCondition15[oid] Answer messages / [PowerIndexUnit] Messages list. → Messages
			RoleCondition4[oid] Manage content / [PowerIndexUnit] Content list. → View content

SubUnit List

[PowerIndexUnit] Courses list / Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

[PowerIndexUnit] Courses list / Conditional Expression / Search

General properties	
Name	Search
Attributes	Name description
Predicate	Contains
Ignore Case	true
Boolean Operator	Or
Required	False

[PowerIndexUnit] Courses list / Conditional Expression / RoleCondition3

General properties	
Name	RoleCondition3
Role	UserToCourse
Predicate	In
Required	True

✉ [MultiMessageUnit] Error

General properties	
Name	Error
Incoming Parameter	
Shown Messages	Some error occurred Contact the administrator through a support request → KOFlow3

➡ [GetUnit] Get User

General properties	
Name	Get User
Context Parameters	⌚ UserCtxParam
Outgoing Parameter	
UserCtxParam.oid	RoleCondition3[oid] [PowerIndexUnit] Courses list . → Flow76

✓ [EntryUnit] Search course

General properties	
Name	Search course
Flow Order	→ Search
Outgoing Parameter	
Search	Search [PowerIndexUnit] Courses list . → Search

SubUnit List

✓ [EntryUnit] Search course / ⚡ Search

General properties	
Name	Search
Type	string

5.11.3.1. Outgoing Link List

☰ [PowerIndexUnit] [Courses list](#) / → Delete

General properties	
Name	Delete
Source	[PowerIndexUnit] Courses list
Target	✖ Delete course
Type	normal
Validate	true

☰ [PowerIndexUnit] [Courses list](#) / → Edit

General properties	
Name	Edit
Source	[PowerIndexUnit] Courses list
Target	✎ Edit course
Type	normal
Validate	true

☰ [PowerIndexUnit] [Courses list](#) / → Forum

General properties	
Name	Forum
Source	[PowerIndexUnit] Courses list
Target	Message
Type	normal
Validate	true

[PowerIndexUnit] Courses list / → Messages

General properties	
Name	Messages
Source	[PowerIndexUnit] Courses list
Target	Messages list
Type	normal
Automatic Binding	true
Validate	true

[PowerIndexUnit] Courses list / → View content

General properties	
Name	View content
Source	[PowerIndexUnit] Courses list
Target	Content list
Type	normal
Validate	true

5.11.3.2. Internal Link List

→ [GetUnit] Get User / → Flow76

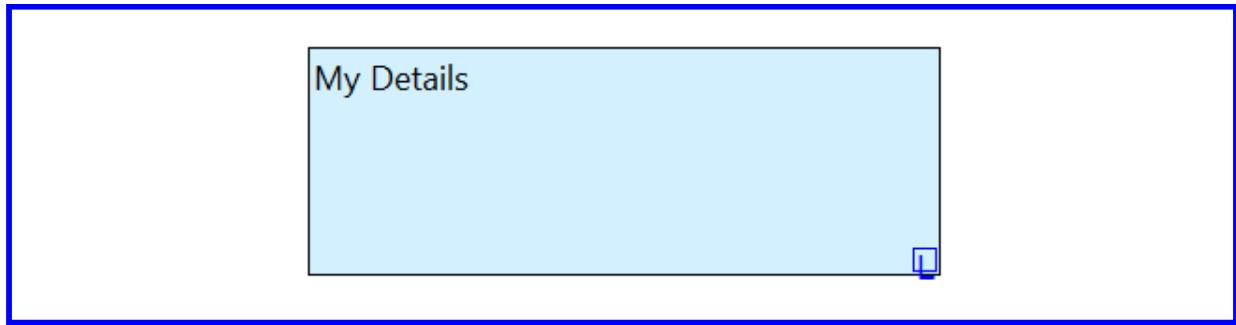
General properties	
Name	Flow76
Source	→ [GetUnit] Get User
Target	Courses list
Type	transport
Validate	true

✓ [EntryUnit] Search course / → Search

General properties	
Name	Search
Source	✓ [EntryUnit] Search course
Target	Courses list
Type	normal
Validate	true

5.12. [Area] My Details

Project / Tutor View / My Details



5.12.1. Property Section

General properties	
Name	My Details
Default Page	My Details
Landmark	true

5.12.2. Summary Section

5.12.2.1. Component Summary

- [GetUnit] [Get User](#)
- [ModuleInstanceUnit] [My Details](#)

5.12.2.2. Landmark Summary

- [My Details](#)

5.12.3. Details Section

- [GetUnit] [Get User](#)

General properties	
Name	Get User
Context Parameters	UserCtxParam
Outgoing Parameter	
UserCtxParam.oid	Profilekey [ModuleInstanceUnit] My Details. Link140 User.oid(CourseToUser) Tutor View / [CreateUnit] Create course. Flow18

[ModuleInstanceUnit] My Details

General properties	
Name	My Details
Module	Profile details
Incoming Parameter	
Profile key	UserCtxParam.oid [GetUnit] Get User. Link140

5.12.3.1. Outgoing Link List

- [GetUnit] [Get User](#) / [Flow18](#)

General properties	
Name	Flow18
Source	[GetUnit] Get User
Target	[CreateUnit] Create course
Type	transport
Validate	true

5.12.3.2. Internal Link List

↳ [GetUnit] [Get User](#) / ↳ Link140

General properties	
Name	Link140
Source	↳ [GetUnit] Get User
Target	🔗 My Details
Type	transport
Validate	true

5.13. [Area] Support requests

Project / [Tutor View](#) / [Support requests](#)



5.13.1. Property Section

General properties	
Name	Support requests
Default Page	Manage support requests
Landmark	true

5.13.2. Summary Section

5.13.2.1. Page Summary

[Manage support requests](#)
[View solution](#)

5.13.2.2. Component Summary

↳ [CreateUnit] [Create support request](#)

5.13.2.3. Landmark Summary

[Support requests](#)

5.13.2.4. Incoming Flow Summary

→ [Send](#) from [Manage support requests](#) / [EntryUnit] [Send support request](#) to [CreateUnit] [Create support request](#)

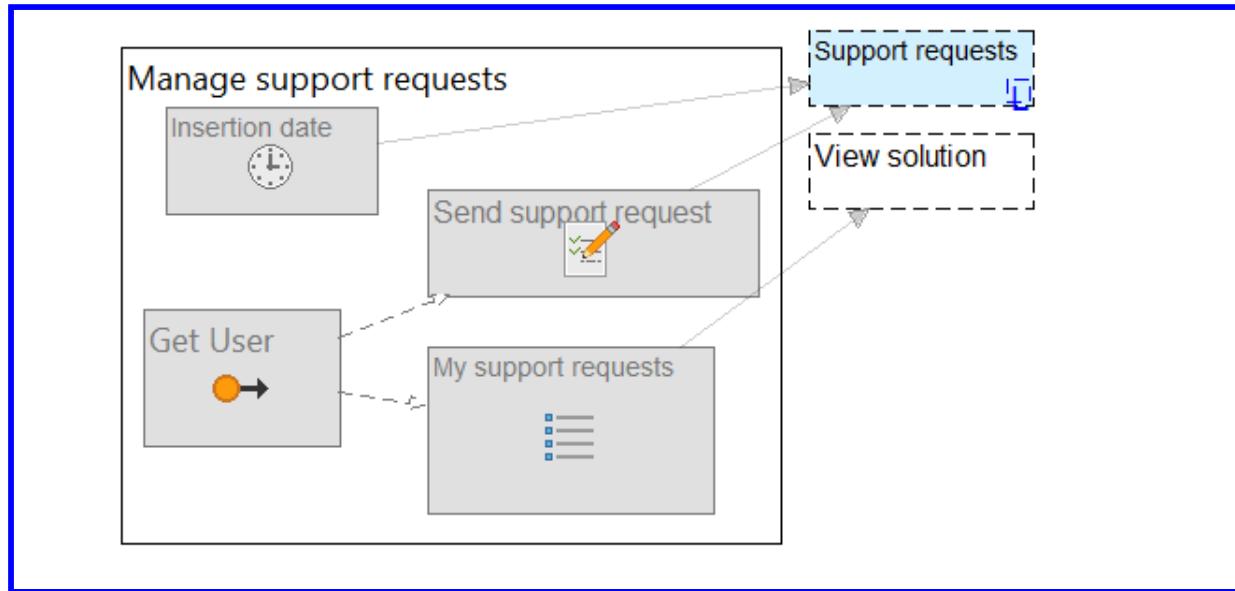
5.13.3. Details Section

[CreateUnit] Create support request

General properties		
Name	Create support request	
Entity	Support	
Incoming Parameter		
Description	Description Manage support requests / [EntryUnit] Send support request	→ Send
Insertion date	Current/InputDate Manage support requests / [TimeUnit] Insertion date .	→ Flow24
Solution	Notsolved	→ Send
Status	Notsolved	→ Send
Support Object	None	
Title	Title Manage support requests / [EntryUnit] Send support request	→ Send
User.oid(SupportToUser)	UserCtxParam.oid Manage support requests / [GetUnit] Get User	→ Flow23 → Send
oid	None	

5.14. [Page] Manage support requests

[Project](#) / [Tutor View](#) / [Support requests](#) / [Manage support requests](#)



5.14.1. Property Section

General properties	
Name	Manage support requests
URL Fragment	Value

5.14.2. Summary Section

5.14.2.1. Component Summary

- [GetUnit] [Get User](#)
- ⌚ [TimeUnit] [Insertion date](#)
- ☰ [PowerIndexUnit] [My support requests](#)
- ✓ [EntryUnit] [Send support request](#)

5.14.2.2. Outgoing Flow Summary

→ Details	from [PowerIndexUnit] My support requests	to View solution / [DataUnit] Support request solution
→ Send	from [EntryUnit] Send support request	to Support requests / [CreateUnit] Create support request

5.14.3. Details Section

●→ [GetUnit] Get User

General properties		
Name	Get User	
Context Parameters	UserCtxParam	
Outgoing Parameter		
UserCtxParam.oid	RoleCondition2[oid] [PowerIndexUnit] My support requests. User.oid(SupportToUser) Support requests / [CreateUnit] Create support request.	Flow25 Flow23 → Send

⌚ [TimeUnit] Insertion date

General properties		
Name		Insertion date
Incoming Parameter		Outgoing Parameter
Input Date	None	Current/In put Date
Input Time	None	Insertiondate Support requests / [CreateUnit] Create support request.
Input TimeStam p	None	Current/In put Time
		None
		Current/In put Timestam p
		Day
		Hour
		Minutes
		Month
		Next Midnight Timestam p
		Seconds
		Time in Millisecon ds
		Year

[PowerIndexUnit] My support requests

General properties					
Name	My support requests				
Entity	Support				
Display Attributes	@ Insertion date @ Title @ Description @ Status				
Sort Attributes	@ Insertion date ascending				
Flow Order	→ Details				
Incoming Parameter		Outgoing Parameter			
Block Factor	None				
Block Index	None				
Block Window	None				
Max Results	None				
RoleCondition2 [oid]	UserCtxParam.oid → [GetUnit] Get User.	… Flow25	SupportToUser.oid		
current oid	None				
	Title	None			
	UserName	None			
	UserOid	None			
	oid	KeyCondition24[oid] View solution / [DataUnit] Support request solution.	→ Details		
	oid (block)	None			

SubUnit List

[PowerIndexUnit] My support requests / Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

[PowerIndexUnit] My support requests / Conditional Expression / RoleCondition2

General properties	
Name	RoleCondition2
Role	UserToSupport
Predicate	In
Required	True

[EntryUnit] Send support request

General properties	
Name	Send support request
Flow Order	→ Send
Outgoing Parameter	
Description	Description Support requests / + [CreateUnit] Create support request.
Title	Title Support requests / + [CreateUnit] Create support request.

SubUnit List

[EntryUnit] Send support request / Title

General properties	
Name	Title
Type	string

[EntryUnit] Send support request / Description

General properties	
Name	Description
Type	text

ValidationRule List

[EntryUnit] Send support request / Title / mandatory field

General properties	
Name	mandatory field
Predicate	

[EntryUnit] Send support request / Description / mandatory filed

General properties	
Name	mandatory filed
Predicate	

5.14.3.1. Outgoing Link List

[PowerIndexUnit] My support requests / → Details

General properties	
Name	Details
Source	[PowerIndexUnit] My support requests
Target	Support request solution
Type	normal
Automatic Binding	true
Validate	true

[TimeUnit] Insertion date / → Flow24

General properties	
Name	Flow24
Source	[TimeUnit] Insertion date
Target	+ Create support request
Type	transport
Validate	true

[EntryUnit] Send support request / → Send

General properties	
Name	Send
Source	[EntryUnit] Send support request
Target	+ Create support request
Type	normal
Validate	true

5.14.3.2. Internal Link List

●→ [GetUnit] [Get User](#) / → Flow23

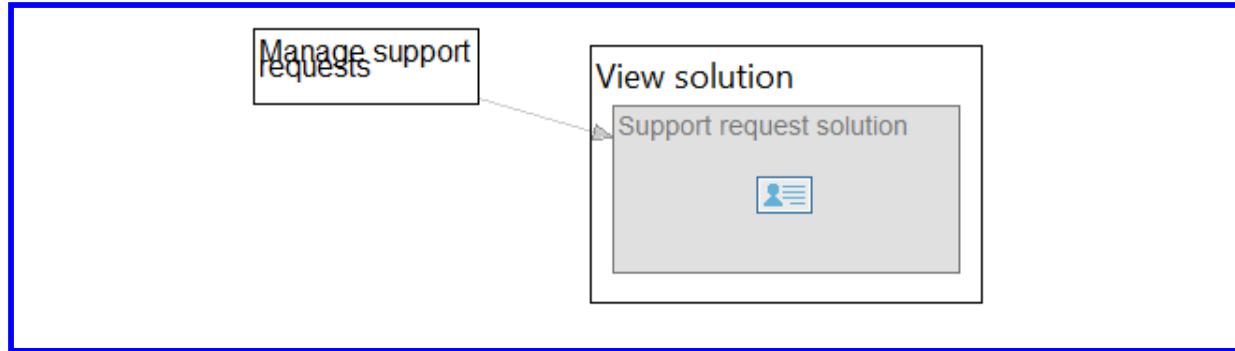
General properties	
Name	Flow23
Source	●→ [GetUnit] Get User
Target	Send support request
Type	transport
Validate	true

●→ [GetUnit] [Get User](#) / → Flow25

General properties	
Name	Flow25
Source	●→ [GetUnit] Get User
Target	My support requests
Type	transport
Automatic Binding	true
Validate	true

5.15. [Page] View solution

Project / Tutor View / Support requests / View solution



5.15.1. Property Section

General properties	
Name	View solution
URL Fragment	Value

5.15.2. Summary Section

5.15.2.1. Component Summary

[DataUnit] [Support request solution](#)

5.15.2.2. Incoming Flow Summary

→ [Details](#) from [Manage support requests](#) / [PowerIndexUnit] [My support requests](#) to [DataUnit] [Support request solution](#)

5.15.3. Details Section

[DataUnit] [Support request solution](#)

General properties	
Name	Support request solution
Entity	Support
Display Attributes	Title Description Solution
Incoming Parameter	
KeyCondition24 [oid]	oid Manage support requests / [PowerIndexUnit] My support requests → Details

SubUnit List

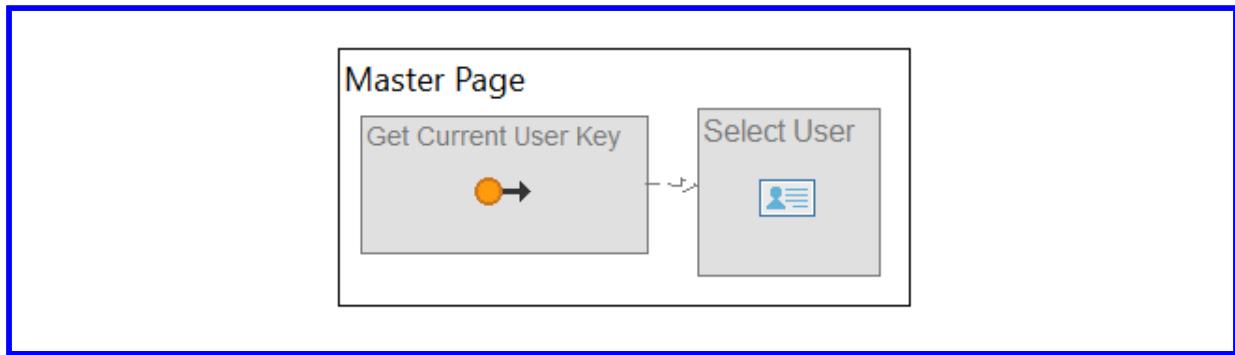
[\[DataUnit\] Support request solution](#) / Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

[\[DataUnit\] Support request solution](#) / Conditional Expression / KeyCondition24

General properties	
Name	KeyCondition24
Predicate	In
Required	True

5.16. [MasterPage] Master Page

[Project](#) / [Tutor View](#) / [Master Page](#)

5.16.1. Property Section

General properties	
Name	Master Page

5.16.2. Summary Section

5.16.2.1. Component Summary

[\[GetUnit\] Get Current User Key](#) [\[DataUnit\] Select User](#)

5.16.2.2. Outgoing Flow Summary

→ [Logout](#)from [\[DataUnit\] Select User](#)to [Tutor View](#) / [\[LogoutUnit\] Logout](#)

5.16.3. Details Section

[\[GetUnit\] Get Current User Key](#)

General properties	
Name	Get Current User Key
Context Parameters	UserCtxParam

Outgoing Parameter

UserCtxParam.oid	User[oid] [DataUnit] Select User	Flow1
------------------	--	-----------------------

[DataUnit] Select User

General properties

Name	Select User
------	-------------

Entity	User
--------	----------------------

Flow Order	→ Logout
------------	--------------------------

Incoming Parameter

User [oid]	UserCtxParam.oid → [GetUnit] Get Current User Key .	Flow1
------------	--	-------

Outgoing Parameter

Email	None
FirstName	None
LastName	None
Password	None
User Name	None
UserToCurriculum.oid	None
defaultGroup.oid	None
isApproved	None
oid	None

SubUnit List

[DataUnit] [Select User](#) / Conditional Expression

General properties

Default Policy	Fill
----------------	------

Boolean Operator	And
------------------	-----

[DataUnit] [Select User](#) / User

General properties

Name	User
------	------

Predicate	In
-----------	----

Required	True
----------	------

5.16.3.1. Outgoing Link List

[DataUnit] [Select User](#) / → Logout

General properties

Name	Logout
------	--------

Source	[DataUnit] Select User
--------	--

Target	Logout
--------	------------------------

Type	normal
------	--------

Automatic Binding	true
-------------------	------

Validate	true
----------	------

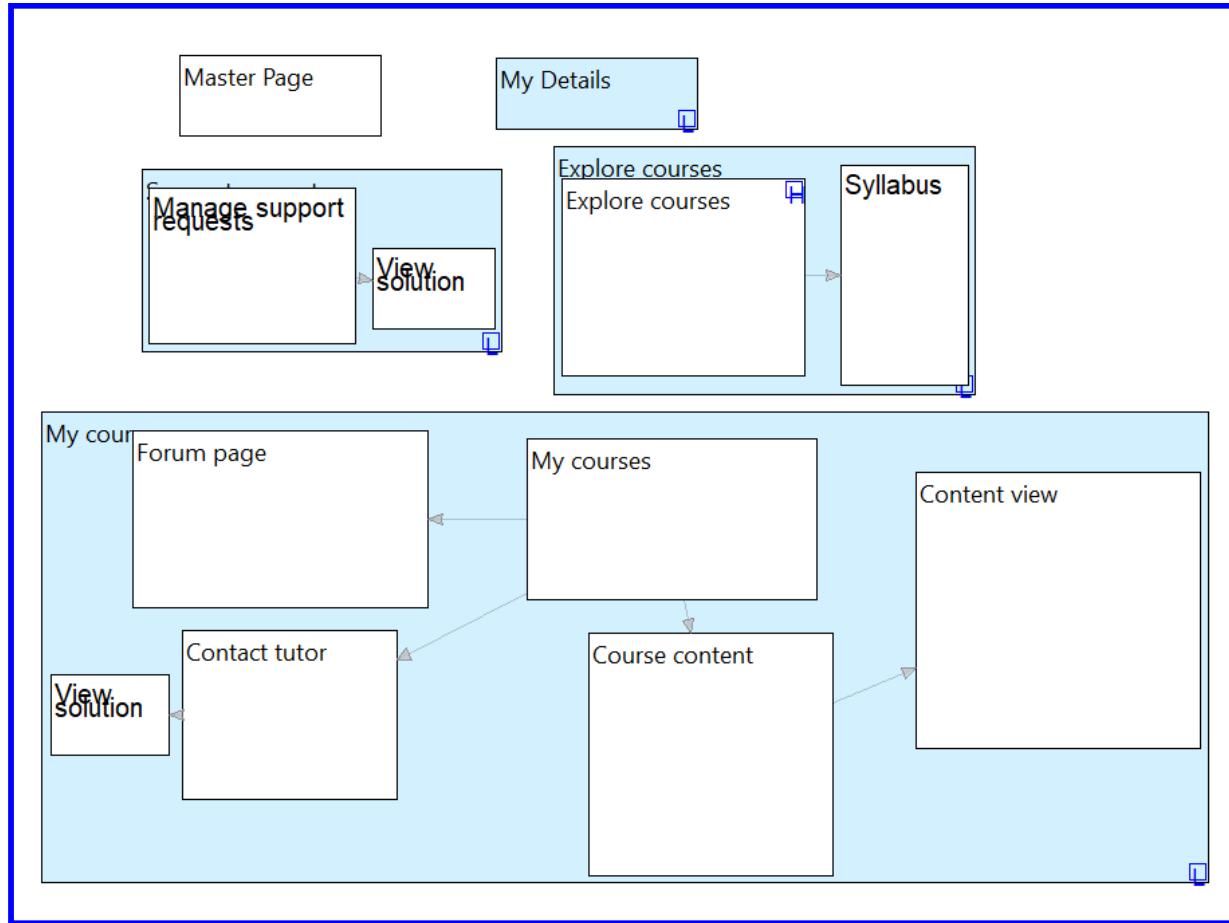
5.16.3.2. Internal Link List

→ [GetUnit] [Get Current User Key](#) / → Flow1

General properties	
Name	Flow1
Source	➡ [GetUnit] Get Current User Key
Target	 Select User
Type	transport
Automatic Binding	true
Validate	true

6. [SiteView] User View

 [Project](#) /  [User View](#)



6.1. Property Section

General properties	
Name	User View
Home Page	 Explore courses
Landmarks	 Explore courses  My courses  Support requests  My Details

6.2. Summary Section

6.2.1. Area Summary

-  [Explore courses](#)
-  [My courses](#)
-  [My Details](#)
-  [Support requests](#)

6.2.2. MasterPage Summary

-  [Master Page](#)

6.2.3. Component Summary

-  [CreateUnit] [Create course followed](#)
-  [LogoutUnit] [Logout](#)

6.2.4. Landmark Summary

-  [Explore courses](#)
-  [My courses](#)
-  [My Details](#)

Support requests

6.2.5. Incoming Flow Summary

→ Follow	from  Syllabus /  [MultiMessageUnit] Follow the course to  [CreateUnit] Create course followed to start!
→ Logout	from  Master Page /  [DataUnit] Select User to  [LogoutUnit] Logout

6.2.6. Outgoing Flow Summary

→ OKFlow57	from  [CreateUnit] Create course followed	to  My courses
----------------------------	--	--

6.3. Details Section

[CreateUnit] Create course followed

 General properties			
Name	Create course followed		
Entity	 Course followed		
 Incoming Parameter	 Outgoing Parameter		
Course followed Object	None	Start date	None
Course.oid (Courses followedTo Course)	oid  Explore courses /  [PowerIndexUnit] Courses list .	→ View content → Flow35	oid
Start date	Current/InputDate  Syllabus /  [TimeUnit] Start Date.	→ Flow40	None
User.oid(Courses followedTo User)	UserCtxParam.oid  Syllabus /  [GetUnit] Get User.	→ Flow51	
oid	None		

[LogoutUnit] Logout

 General properties	
Name	Logout
Site View	 Home

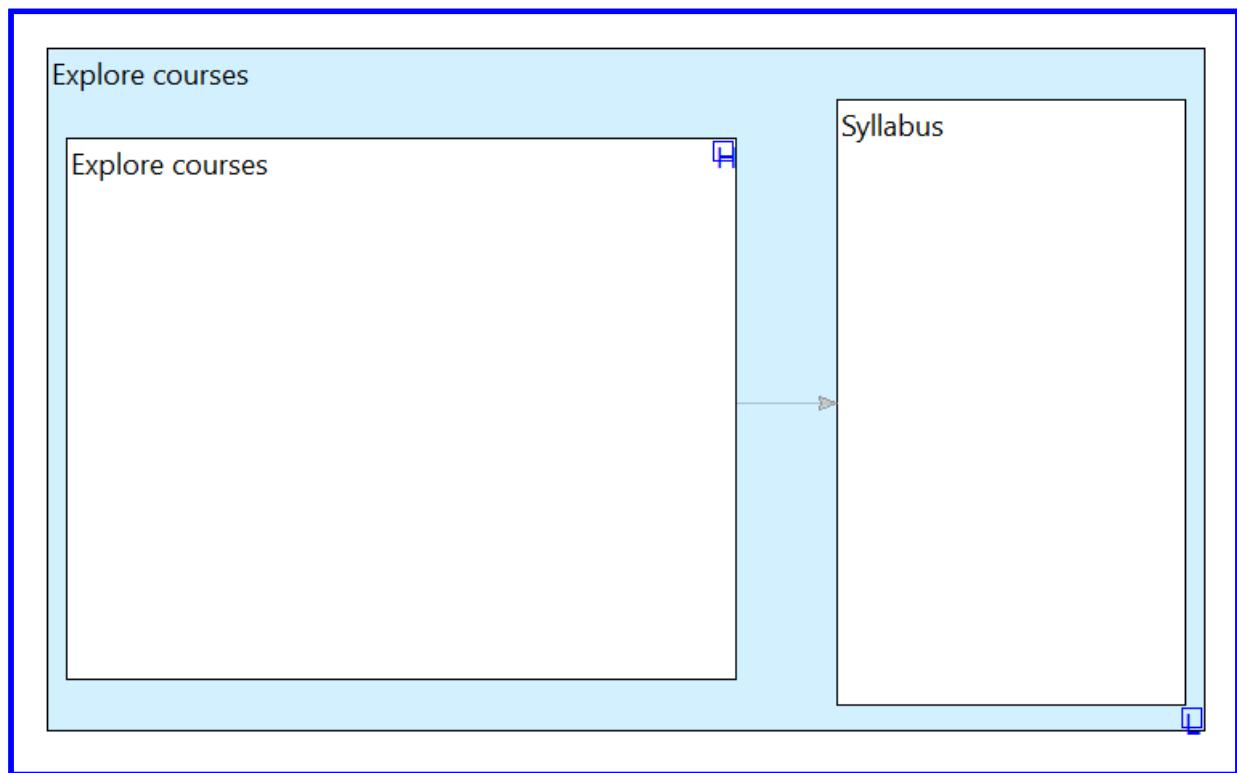
6.3.1. Outgoing Link List

[CreateUnit] [Create course followed](#) / → [OKFlow57](#)

 General properties	
Name	OKFlow57
Source	 [CreateUnit] Create course followed
Target	 My courses
Automatic Binding	true

6.4. [Area] Explore courses

 [Project](#) /  [User View](#) /  [Explore courses](#)



6.4.1. Property Section

General properties	
Name	Explore courses
Default Page	Explore courses
Landmark	true

6.4.2. Summary Section

6.4.2.1. Page Summary

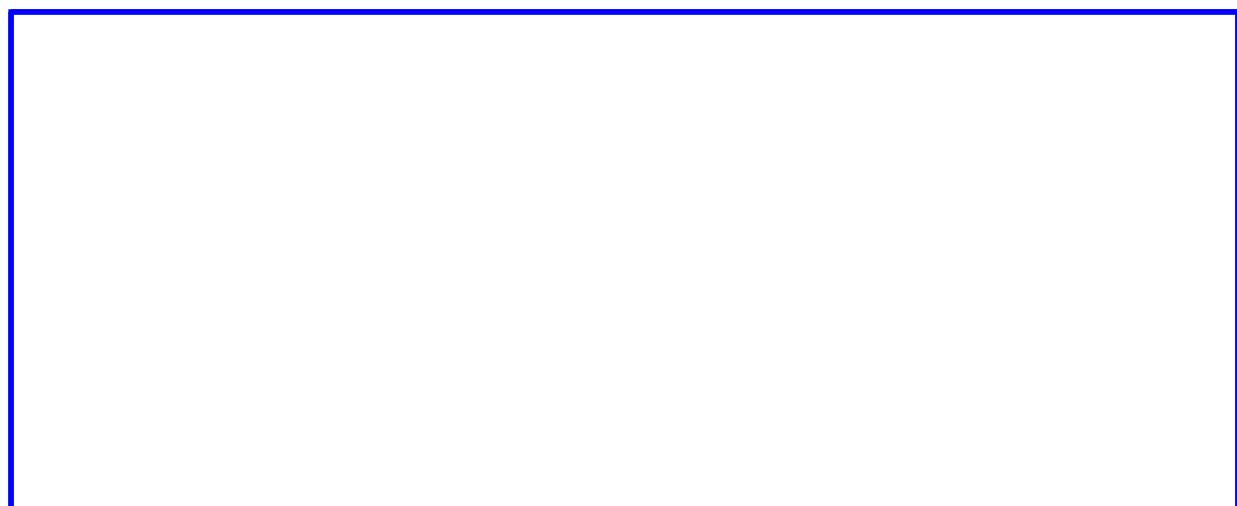
[Explore courses](#)
 [Syllabus](#)

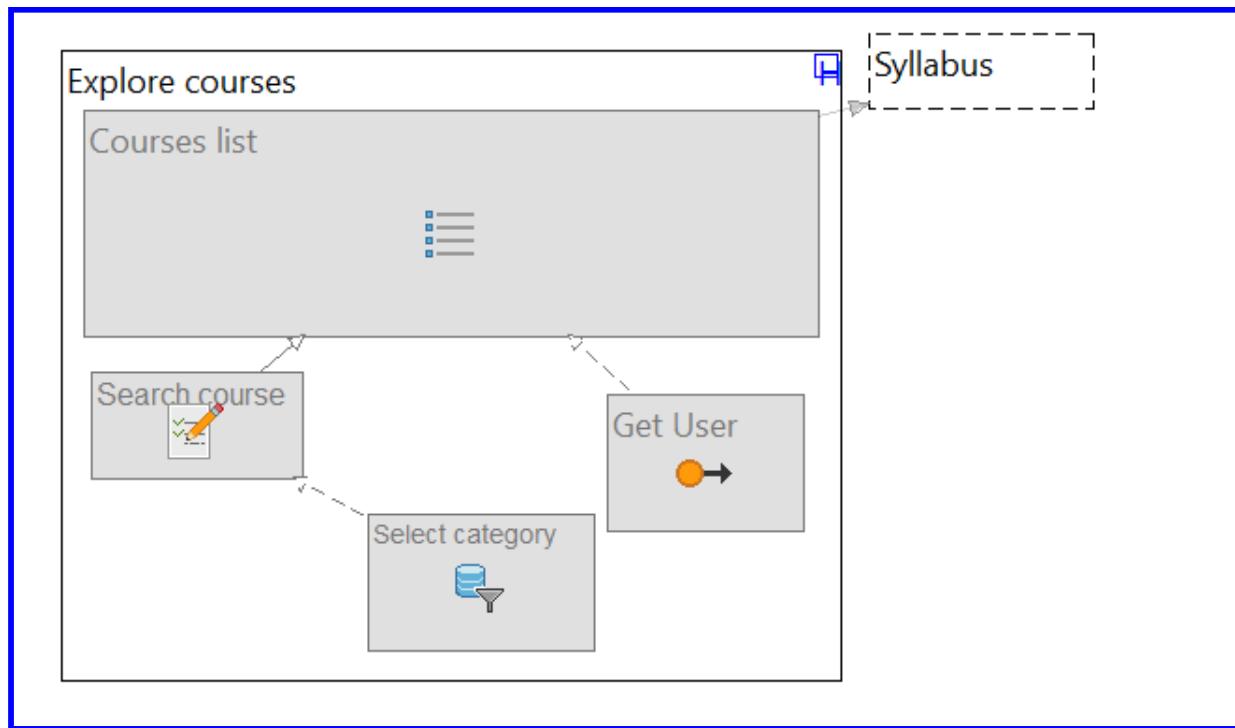
6.4.2.2. Landmark Summary

[Explore courses](#)

6.5. [Page] Explore courses

Project / User View / [Explore courses](#) / Explore courses





6.5.1. Property Section

General properties	
Name	Explore courses
URL Fragment	Value

6.5.2. Summary Section

6.5.2.1. Component Summary

- [PowerIndexUnit] Courses list
- [GetUnit] Get User
- ✓ [EntryUnit] Search course
- ↳ [SelectorUnit] Select category

6.5.2.2. Outgoing Flow Summary

→ [View content](#) from: [PowerIndexUnit] Courses list to: Syllabus / [PowerIndexUnit] Content list

6.5.2.3. Internal Flow Summary

→ [Search](#) from: [EntryUnit] Search course to: [PowerIndexUnit] Courses list

6.5.3. Details Section

[PowerIndexUnit] Courses list

General properties					
Name	Courses list				
Entity	Course				
Display Attributes	.. @ oid @ Name @ description R CourseToUser @ User Name R CourseToCategory @ Category @ avgRating @ #followers				
Sort Attributes	<table border="1"> <tr> <td>@ #followers</td> <td>descending</td> </tr> <tr> <td>@ avgRating</td> <td>descending</td> </tr> </table>	@ #followers	descending	@ avgRating	descending
@ #followers	descending				
@ avgRating	descending				
Flow Order	→ View content				

Incoming Parameter		Outgoing Parameter	
Block Factor	None	oid Course.oid(CoursesfollowedToCourse) [User View / Create course followed.]	→ View content → Flow35
Block Index	None		→ View content
Block Window	None		→ View content
Max Results	None		→ View content
RoleCondition10 [oid]	UserCtxParam.oid → [GetUnit] Get User.		→ Flow42
RoleCondition9 [oid]	Searchwithcategory [EntryUnit] Search course.		→ Search
Search	Search [EntryUnit] Search course.		→ Search
current oid	None		

SubUnit List

[\[PowerIndexUnit\] Courses list](#) / [Conditional Expression](#)

General properties	
Default Policy	Fill
Boolean Operator	And

[\[PowerIndexUnit\] Courses list](#) / [Conditional Expression](#) / [Search](#)

General properties	
Name	Search
Attributes	. @ Name @ description R CourseToUser @ User Name
Predicate	Contains
Ignore Case	true
Boolean Operator	Or
Required	False

[\[PowerIndexUnit\] Courses list](#) / [Conditional Expression](#) / [RoleCondition9](#)

General properties	
Name	RoleCondition9
Role	R CategoryToCourse
Predicate	In
Required	False

[\[PowerIndexUnit\] Courses list](#) / [Conditional Expression](#) / [RoleCondition10](#)

General properties	
Name	RoleCondition10
Role	. R UserToCourses followed R Courses followedToCourse
Predicate	Not In
Required	True

→ [\[GetUnit\] Get User](#)

General properties	
Name	Get User
Context Parameters	OB UserCtxParam

Outgoing Parameter		
UserCtxParam.oid	RoleCondition10[oid] [PowerIndexUnit] Courses list.	→ Flow42

✓ [EntryUnit] Search course

General properties	
Name	Search course
Flow Order	→ Search
Incoming Parameter	Outgoing Parameter
Search with category - Preselection	None
Search with category [label]	Category [SelectorUnit] Select category. ... → Flow79
Search with category [output]	oid [SelectorUnit] Select category. ... → Flow79

SubUnit List

✓ [EntryUnit] Search course / Search

General properties	
Name	Search
Type	string

✓ [EntryUnit] Search course / Search with category

General properties	
Name	Search with category
Type	string

[SelectorUnit] Select category

General properties	
Name	Select category
Entity	Category
Incoming Parameter	Outgoing Parameter
Max Results	None
	Category Searchwithcategory[label] [EntryUnit] Search course. ... → Flow79
	oid Searchwithcategory[output] [EntryUnit] Search course. ... → Flow79

6.5.3.1. Outgoing Link List

[PowerIndexUnit] Courses list / → View content

General properties	
Name	View content
Source	[PowerIndexUnit] Courses list
Target	Content list
Type	normal
Validate	true

6.5.3.2. Internal Link List

↳ [GetUnit] [Get User](#) / ↳ Flow42

General properties	
Name	Flow42
Source	↳ [GetUnit] Get User
Target	Courses list
Type	transport
Automatic Binding	true
Validate	true

↳ [SelectorUnit] [Select category](#) / ↳ Flow79

General properties	
Name	Flow79
Source	↳ [SelectorUnit] Select category
Target	Search course
Type	transport
Validate	true

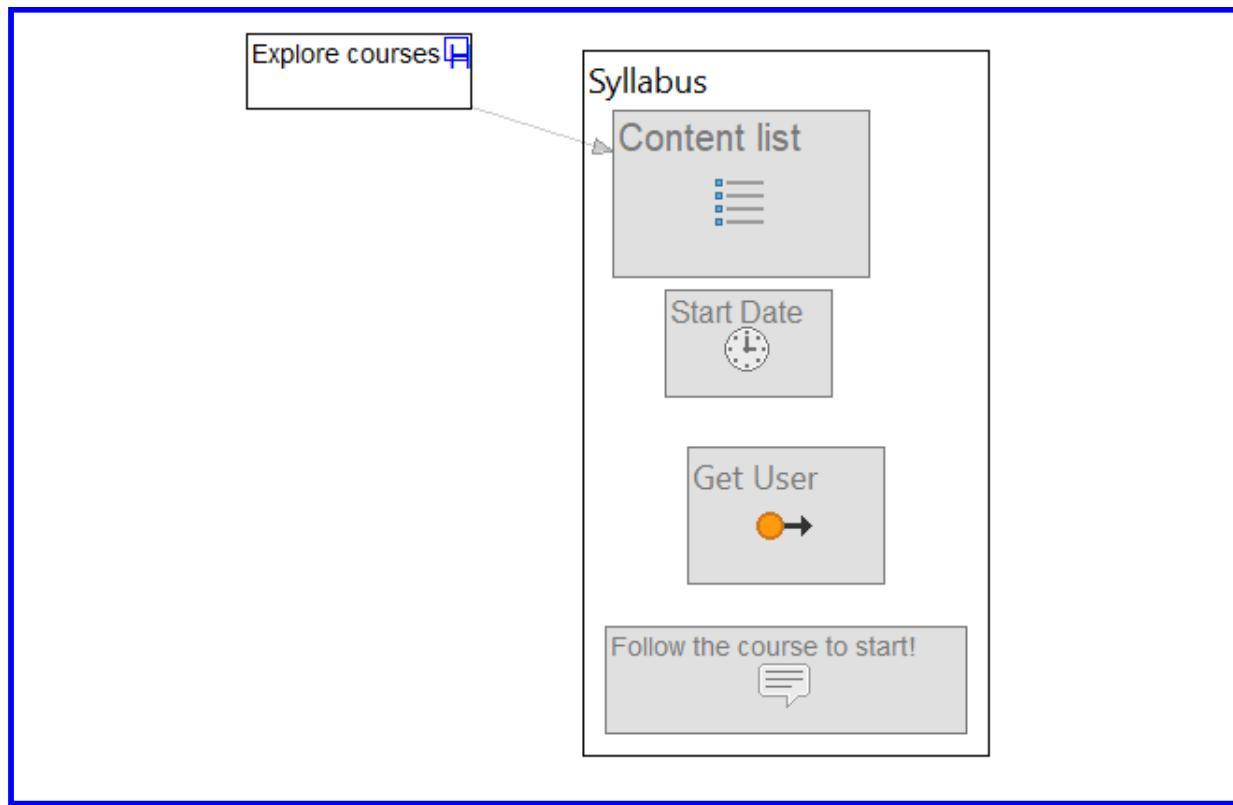
↳ [EntryUnit] [Search course](#) / → Search

General properties	
Name	Search
Source	↳ [EntryUnit] Search course
Target	Courses list
Type	normal
Validate	true

6.6. [Page] Syllabus

Project / [User View](#) / [Explore courses](#) / [Syllabus](#)





6.6.1. Property Section

General properties	
Name	Syllabus
URL Fragment	Value

6.6.2. Summary Section

6.6.2.1. Component Summary

- [PowerIndexUnit] Content list
- [MultiMessageUnit] Follow the course to start!
- GetUnit] Get User
- [TimeUnit] Start Date

6.6.2.2. Incoming Flow Summary

→ [View content](#) from [Explore courses](#) / [PowerIndexUnit] Courses list to [PowerIndexUnit] Content list

6.6.2.3. Outgoing Flow Summary

→ [Follow](#) from [MultiMessageUnit] Follow the course to start! to User View / [CreateUnit] Create course followed

6.6.3. Details Section

[PowerIndexUnit] Content list

General properties	
Name	Content list
Entity	Content
Display Attributes	@ Order @ Name @ Description
Sort Attributes	Order ascending

○ Incoming Parameter		○ Outgoing Parameter	
Block Factor	None	ContentTo Course.oid	None
Block Index	None	Description	None
Block Window	None	Name	None
Max Results	None	Order	None
RoleCondition4 [oid]	oid Explore courses / [PowerIndexUnit] Courses list.	oid	None
current oid	None	oid (block)	None

SubUnit List

[PowerIndexUnit] Content list / Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

[PowerIndexUnit] Content list / Conditional Expression / RoleCondition4

General properties	
Name	RoleCondition4
Role	CourseToContent
Predicate	In
Required	True

[MultiMessageUnit] Follow the course to start!

General properties	
Name	Follow the course to start!
Message Text	If you want to watch the video lessons, do the exercises or talk about the course on the forum, please follow the course:
Flow Order	→ Follow
○ Incoming Parameter	
Shown Messages	None

[GetUnit] Get User

General properties	
Name	Get User
Context Parameters	UserCtxParam
○ Outgoing Parameter	
UserCtxParam.oid	User.oid(CoursesfollowedToUser) User View / [CreateUnit] Create course followed.
	→ Flow51

[TimeUnit] Start Date

General properties	
Name	Start Date

Incoming Parameter		Outgoing Parameter	
Input Date	None	Current/In put Date	Startdate  User View /  [CreateUnit] Create course followed.
Input Time	None		
InputTimeStamp	None		

6.6.3.1. Outgoing Link List

 [PowerIndexUnit] Content list / 

General properties	
Name	Flow35
Source	 [PowerIndexUnit] Content list
Target	 Create course followed
Type	transport
Validate	true

 [TimeUnit] Start Date / 

General properties	
Name	Flow40
Source	 [TimeUnit] Start Date
Target	 Create course followed
Type	transport
Validate	true

 [GetUnit] Get User / 

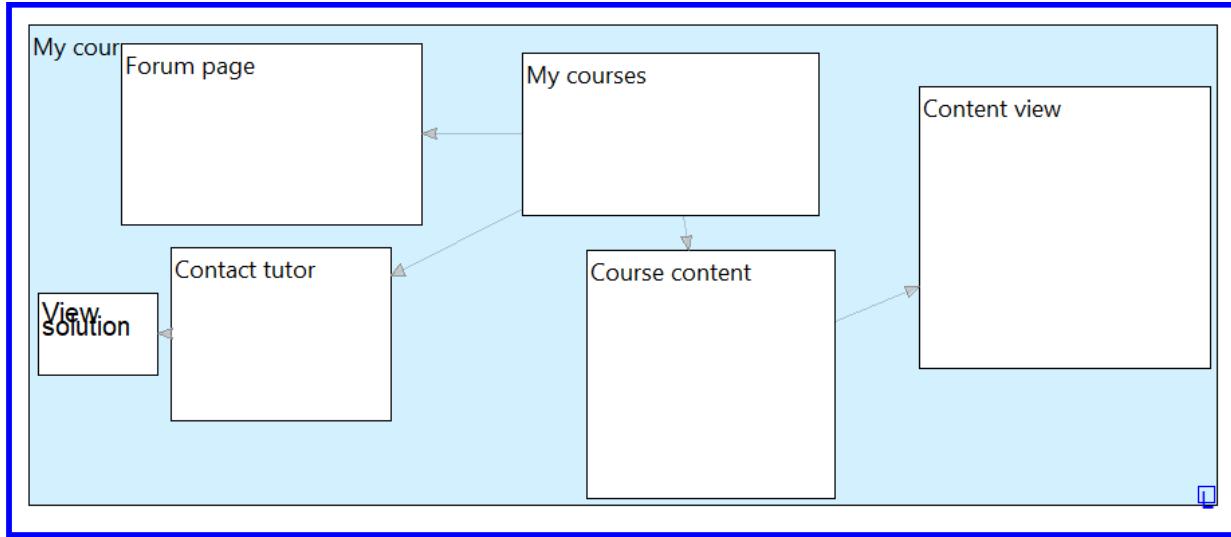
General properties	
Name	Flow51
Source	 [GetUnit] Get User
Target	 Create course followed
Type	transport
Validate	true

 [MultiMessageUnit] Follow the course to start! / 

General properties	
Name	Follow
Source	 [MultiMessageUnit] Follow the course to start!
Target	 Create course followed
Type	normal
Automatic Binding	true
Validate	true

6.7. [Area] My courses

 Project /  User View /  My courses



6.7.1. Property Section

General properties	
Name	My courses
Default Page	My courses
Landmark	true

6.7.2. Summary Section

6.7.2.1. Page Summary

- [Contact tutor](#)
- [Content view](#)
- [Course content](#)
- [Forum page](#)
- [My courses](#)
- [View solution](#)

6.7.2.2. Component Summary

- [\[ModuleInstanceUnit\] Add comment](#)
- [\[CreateUnit\] Create feedback](#)
- [\[CreateUnit\] Create post](#)
- [\[CreateUnit\] Create private message](#)
- [\[DeleteUnit\] Unfollow course](#)
- [\[ModifyUnit\] Update feedback](#)

6.7.2.3. Landmark Summary

- [My courses](#)

6.7.2.4. Incoming Flow Summary

- [Comments](#)
- [Rate](#)
- [Save](#)
- [Send](#)
- [Unfollow course](#)
- [Update rating](#)

- from [Forum page](#) / [\[PowerIndexUnit\] Posts](#)
- from [Course content](#) / [\[EntryUnit\] Rate course](#)
- from [Forum page](#) / [\[EntryUnit\] Create post](#)
- from [Contact tutor](#) / [\[EntryUnit\] Send private message](#)
- from [Course content](#) / [\[MultiMessageUnit\] Message](#)
- from [Course content](#) / [\[EntryUnit\] Rate course](#)

- to [\[ModuleInstanceUnit\] Add comment](#)
- to [\[CreateUnit\] Create feedback](#)
- to [\[CreateUnit\] Create post](#)
- to [\[CreateUnit\] Create private message](#)
- to [\[DeleteUnit\] Unfollow course](#)
- to [\[ModifyUnit\] Update feedback](#)

6.7.2.5. Outgoing Flow Summary

- [OKFlow2](#)

- from [\[DeleteUnit\] Unfollow course](#)

- to [My courses](#) / [\[PowerIndexUnit\] Courses list](#)

6.7.3. Details Section

⌚ [ModuleInstanceUnit] Add comment

General properties	
Module	Add comment
Incoming Parameter	
Post key	oid Forum page / [PowerIndexUnit] Posts. → Comments

⌚ [CreateUnit] Create feedback

General properties	
Name	Create feedback
Entity	Feedback
Incoming Parameter	
Course.oid (Feedback ToCourse)	oid My courses / [PowerIndexUnit] Courses list. → View content → Flow87
Feedback Object	None
User.oid(F eedbackT oUser)	UserCtxParam.oid Course content / [GetUnit] get user. → Flow149 → Flow148 → Rate
oid	None
rating	rating Course content / [EntryUnit] Rate course. → Rate
Outgoing Parameter	
	rating None

⌚ [CreateUnit] Create post

General properties	
Name	Create post
Entity	Post
Incoming Parameter	
Comment.oid(PostToC omment)	None
Description	Description Forum page / [EntryUnit] Create post. → Save
Forum.oid(PostToForu m)	CourseToForum.oid My courses / [PowerIndexUnit] Courses list. → Forum → Create post → Save
Insert Time	Current/InputTimestamp Forum page / [TimeUnit] Insert time. → Flow118
Post Object	None
Title	Title Forum page / [EntryUnit] Create post. → Save
User.oid(PostToUser)	UserCtxParam.oid Forum page / [GetUnit] Get user. → Flow119
oid	None

⌚ [CreateUnit] Create private message

General properties	
Name	Create private message
Entity	Private message

○ Incoming Parameter			○ Outgoing Parameter	
Answer	Noanswer	→ <u>Send</u>	Answer	None
Course.oid (Private messageToCourse)	oid My courses / [PowerIndexUnit] Courses list.	→ Contact tutor → <u>Send</u>	Description	None
Description	Description Contact tutor / [EntryUnit] Send private message.	→ <u>Send</u>	Insertion date	None
Insertion date	Current/InputDate Contact tutor / [TimeUnit] Insertion date.	…> Flow54	Status	None
Private message Object	None		Title	None
Status	Noanswer	→ <u>Send</u>	oid	None
Title	Title Contact tutor / [EntryUnit] Send private message.	→ <u>Send</u>		
User.oid(Private messageToUser)	UserCtxParam.oid Contact tutor / [GetUnit] Get User.	…> Flow61		
oid	None			

[DeleteUnit] Unfollow course

General properties	
Name	Unfollow course
Entity	Course followed
○ Incoming Parameter	
KeyCondition25 [oid]	oid Course content / [SelectorUnit] Select course followed. …> Flow123

SubUnit List

[DeleteUnit] [Unfollow course](#) / Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

[DeleteUnit] [Unfollow course](#) / Conditional Expression / KeyCondition25

General properties	
Name	KeyCondition25
Predicate	In
Required	True

[ModifyUnit] Update feedback

General properties	
Name	Update feedback
Entity	Feedback

Incoming Parameter		Outgoing Parameter	
Course.oid (Feedback ToCourse)	None	oid	None
Feedback Object	None		
KeyCondition24 [oid]	oid Course content / [SelectorUnit] Select feedback.	... Flow148 → Update rating	
User.oid(FeedbackToUser)	None		
rating	rating Course content / [EntryUnit] Rate course.	→ Update rating	

SubUnit List

 [ModifyUnit] [Update feedback](#) / Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

 [ModifyUnit] [Update feedback](#) / Conditional Expression / KeyCondition24

General properties	
Name	KeyCondition24
Predicate	In
Required	True

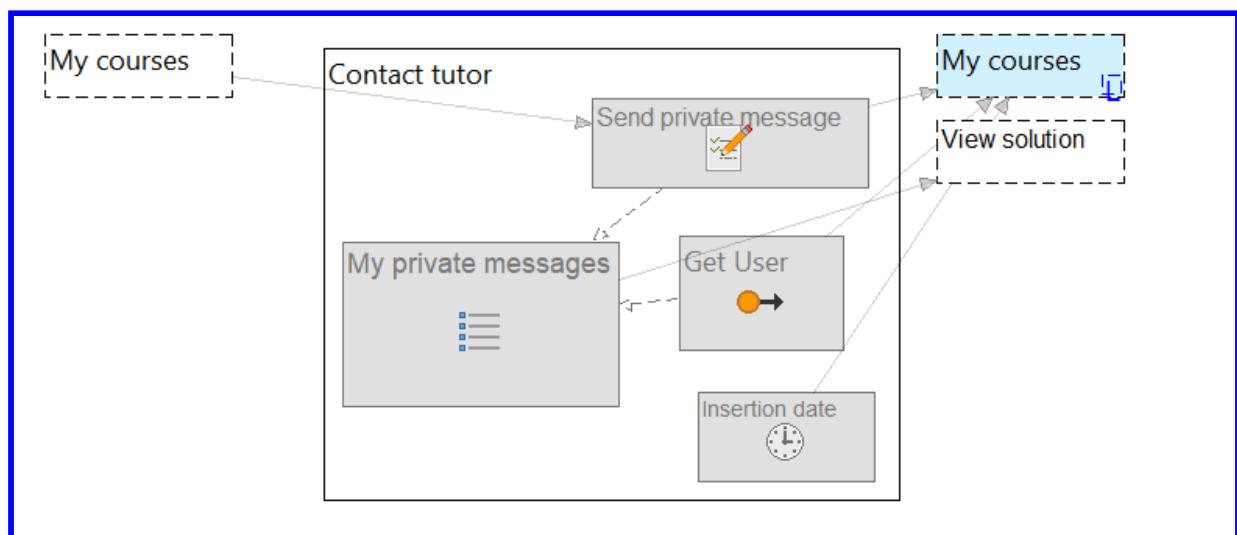
6.7.3.1. Outgoing Link List

 [DeleteUnit] [Unfollow course](#) / OKFlow2

General properties	
Name	OKFlow2
Source	[DeleteUnit] Unfollow course
Target	Courses list
Automatic Binding	true

6.8. [Page] Contact tutor

Project / User View / My courses / Contact tutor



6.8.1. Property Section

General properties	
Name	Contact tutor
URL Fragment	Value

6.8.2. Summary Section

6.8.2.1. Component Summary

- ➡ [GetUnit] [Get User](#)
- ⌚ [TimeUnit] [Insertion date](#)
- ☰ [PowerIndexUnit] [My private messages](#)
- ☑ [EntryUnit] [Send private message](#)

6.8.2.2. Incoming Flow Summary

→ [Contact tutor](#) from [My courses](#) / [PowerIndexUnit] [Courses list](#) to [EntryUnit] [Send private message](#)

6.8.2.3. Outgoing Flow Summary

→ Details	from [PowerIndexUnit] My private messages	to View solution / [DataUnit] Private message answer
→ Send	from [EntryUnit] Send private message	to My courses / [CreateUnit] Create private message

6.8.3. Details Section

➡ [GetUnit] Get User

General properties	
Name	Get User
Context Parameters	➡ UserCtxParam
Outgoing Parameter	
UserCtxParam.oid	RoleCondition12[oid] [PowerIndexUnit] My private messages. ↗ Flow65 User.oid(PrivatemessageToUser) My courses / [CreateUnit] Create private message. ↗ Flow61

⌚ [TimeUnit] Insertion date

General properties	
Name	Insertion date
Incoming Parameter	Outgoing Parameter
Input Date	None
Input Time	None
InputTimeStamp	None
Current/Inputs Date	Insertiondate My courses / [CreateUnit] Create private message. ↗ Flow54

☰ [PowerIndexUnit] My private messages

General properties	
Name	My private messages
Entity	Private message
Display Attributes	@ Insertion date @ Title @ Description @ Status
Sort Attributes	@ Insertion date ascending
Flow Order	→ Details

Incoming Parameter		Outgoing Parameter	
Block Factor	None	Answer	None
Block Index	None	Description	None
Block Window	None	Insertion date	None
Max Results	None	Private messageToCourse.oid	None
RoleCondition12 [oid]	UserCtxParam.oid → [GetUnit] Get User.	Flow65	Private messageToUser.oid
RoleCondition6 [oid]	oid [PowerIndexUnit] Courses list.	→ Contact tutor → Flow76	Status
current oid	None	Title	None
		UserName	None
		oid	KeyCondition24[oid] View solution / [DataUnit] Private message answer.
		oid (block)	→ Details

SubUnit List

[PowerIndexUnit] My private messages / [Conditional Expression]

General properties	
Default Policy	Fill
Boolean Operator	And

[PowerIndexUnit] My private messages / [Conditional Expression] / [RoleCondition6]

General properties	
Name	RoleCondition6
Role	R CourseToPrivate message
Predicate	In
Required	True

[PowerIndexUnit] My private messages / [Conditional Expression] / [RoleCondition12]

General properties	
Name	RoleCondition12
Role	R UserToPrivate message
Predicate	In
Required	True

[EntryUnit] Send private message

General properties	
Name	Send private message
Flow Order	→ Send
Outgoing Parameter	
Description	Description [My courses] Create private message.
Title	Title [My courses] Create private message.

SubUnit List

[EntryUnit] Send private message / [Title]

General properties	
Name	Title
Type	string

[EntryUnit] Send private message / Description

General properties	
Name	Description
Type	text

ValidationRule List

[EntryUnit] Send private message / Title / mandatory field

General properties	
Name	mandatory field
Predicate	

[EntryUnit] Send private message / Description / mandatory filed

General properties	
Name	mandatory filed
Predicate	

6.8.3.1. Outgoing Link List

[PowerIndexUnit] My private messages / → Details

General properties	
Name	Details
Source	[PowerIndexUnit] My private messages
Target	Private message answer
Type	normal
Automatic Binding	true
Validate	true

[TimeUnit] Insertion date / → Flow54

General properties	
Name	Flow54
Source	[TimeUnit] Insertion date
Target	Create private message
Type	transport
Validate	true

→ [GetUnit] Get User / → Flow61

General properties	
Name	Flow61
Source	[GetUnit] Get User
Target	Create private message
Type	transport
Validate	true

[EntryUnit] Send private message / → Send

General properties	
Name	Send
Source	[EntryUnit] Send private message
Target	Create private message
Type	normal
Validate	true

6.8.3.2. Internal Link List

➡ [GetUnit] [Get User](#) / ⏪ Flow65

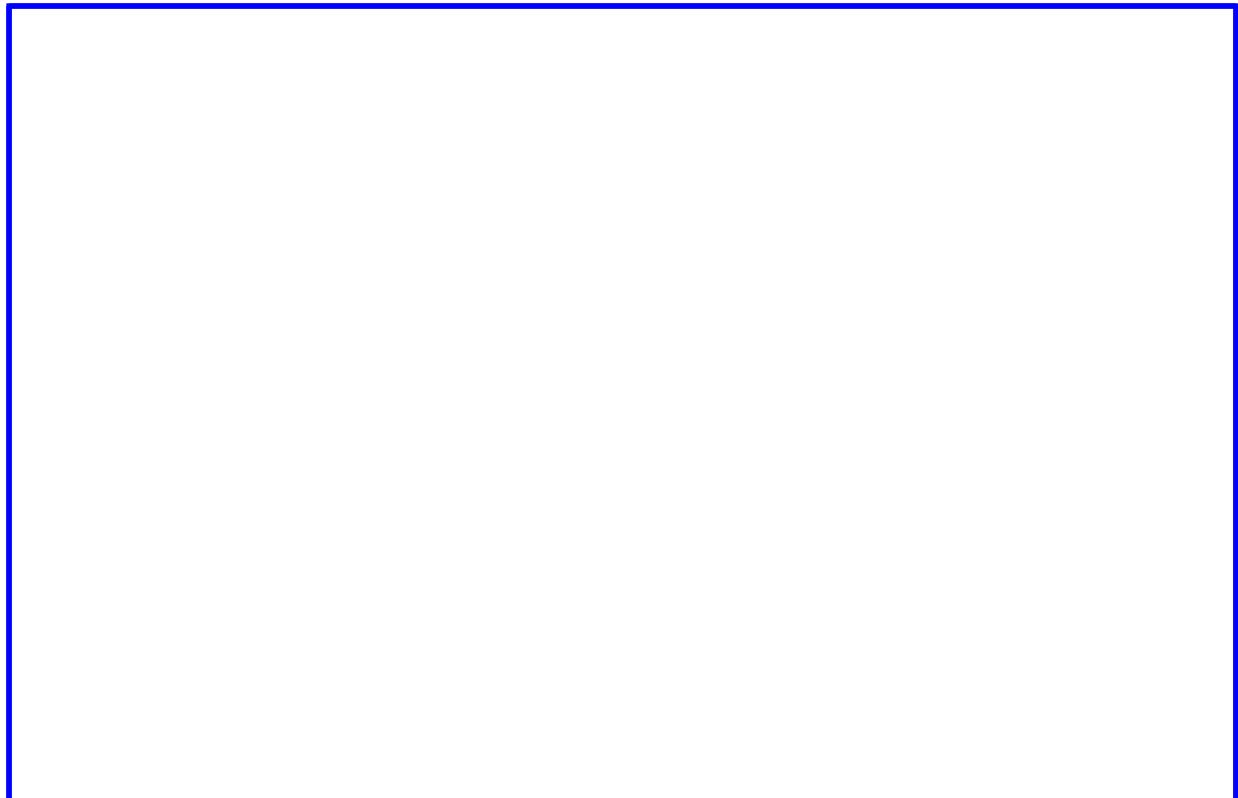
General properties	
Name	Flow65
Source	➡ [GetUnit] Get User
Target	My private messages
Type	transport
Validate	true

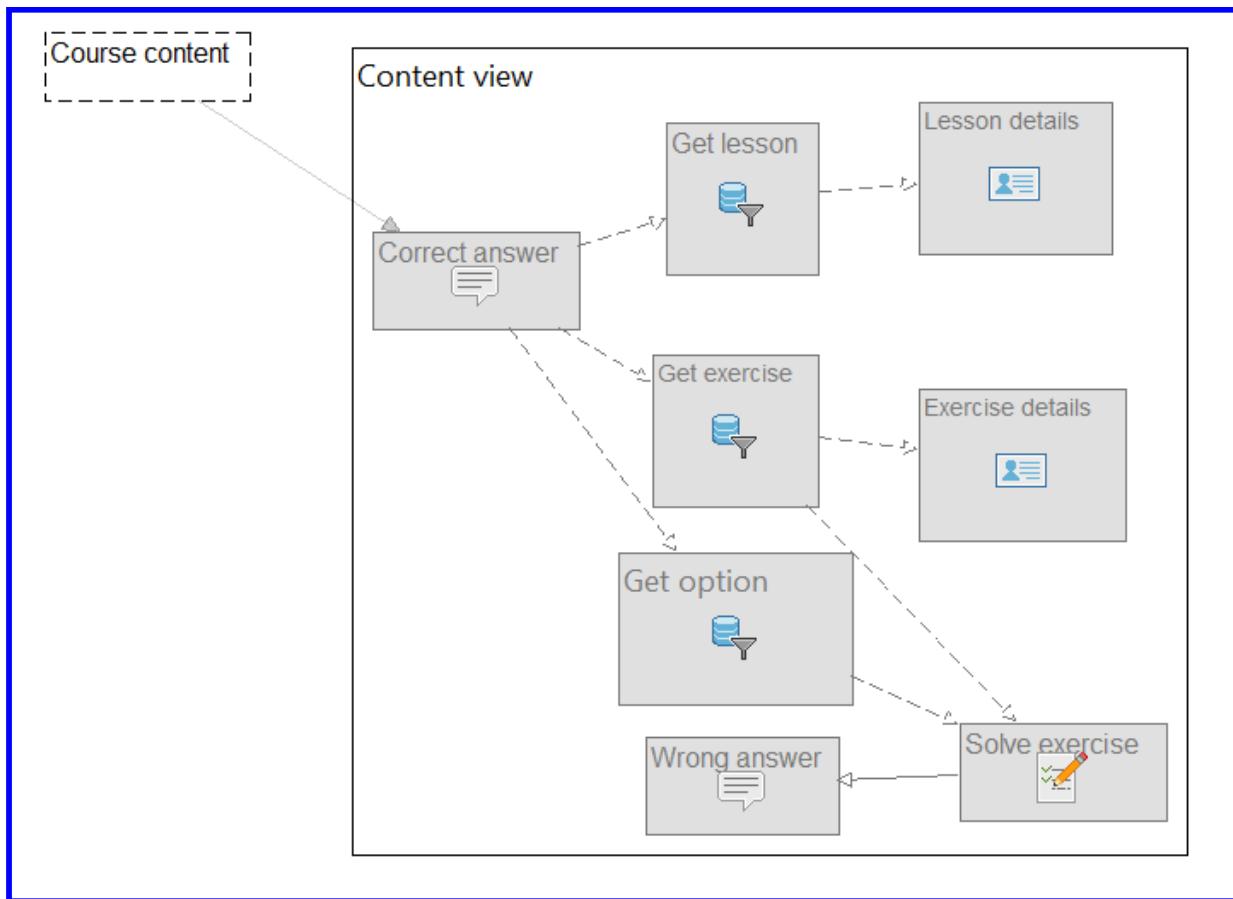
[EntryUnit] [Send private message](#) / ⏪ Flow76

General properties	
Name	Flow76
Source	[EntryUnit] Send private message
Target	My private messages
Type	transport
Validate	true

6.9. [Page] Content view

Project / User View / My courses / Content view





6.9.1. Property Section

General properties	
Name	Content view
URL Fragment	Value

6.9.2. Summary Section

6.9.2.1. ConditionExpression Summary

[[ActivationExpression 8](#)
 [[checkCorrectAnswer](#)
 [[checkWrongAnswer](#)

6.9.2.2. Component Summary

[[MultiMessageUnit](#)] [Correct answer](#)
 [[DataUnit](#)] [Exercise details](#)
 [[SelectorUnit](#)] [Get exercise](#)
 [[SelectorUnit](#)] [Get lesson](#)
 [[SelectorUnit](#)] [Get option](#)
 [[DataUnit](#)] [Lesson details](#)
 [[EntryUnit](#)] [Solve exercise](#)
 [[MultiMessageUnit](#)] [Wrong answer](#)

6.9.2.3. Variable Summary

◆ [CorrectSolution](#)
 ◆ [NotCorrectSolution](#)
 ◆ [UserSolution](#)
 ◆ [var7](#)

6.9.2.4. Incoming Flow Summary

→ [View](#) from [Course content](#) / [\[PowerIndexUnit\]](#) [Content list](#) to [\[MultiMessageUnit\]](#) [Correct answer](#)

6.9.2.5. Internal Flow Summary

→ [Send](#) from [EntryUnit] [Solve exercise](#) to [MultiMessageUnit] [Wrong answer](#)

6.9.3. Details Section

6.9.3.1. ConditionExpression List

ActivationExpression 8

General properties	
Name	ActivationExpression 8

checkCorrectAnswer

General properties	
Name	checkCorrectAnswer

checkWrongAnswer

General properties	
Name	checkWrongAnswer

[MultiMessageUnit] Correct answer

General properties	
Name	Correct answer
Message Text	CORRECT ANSWER!
Incoming Parameter	
Shown Messages	None

[DataUnit] Exercise details

General properties	
Name	Exercise details
Entity	Exercise
Display Attributes	Name Description
Incoming Parameter	
KeyCondition17 [oid]	oid [SelectorUnit] Get exercise. Flow92

SubUnit List

 [DataUnit] [Exercise details](#) / Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

 [DataUnit] [Exercise details](#) / Conditional Expression / KeyCondition17

General properties	
Name	KeyCondition17
Predicate	In
Required	True

[SelectorUnit] Get exercise

General properties			
Name	Get exercise		
Entity	 Exercise		
Incoming Parameter		Outgoing Parameter	
KeyCondition20 [oid]	oid  Course content /  [PowerIndexUnit] Content list.	→ View → Flow90	ContentTo Course.oid None
Max Results	None		
		Data Size	 var7 → Flow92
		Description	None
		Name	None
		Order	None
		Solution	 NotCorrectSolution → Flow196  CorrectSolution → Flow196  CorrectSolution → Flow196 → Send
		oid	KeyCondition17[oid]  [DataUnit] Exercise details. → Flow92

SubUnit List

[SelectorUnit] Get exercise / Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

[SelectorUnit] Get exercise / Conditional Expression / KeyCondition20

General properties	
Name	KeyCondition20
Predicate	In
Required	True

[SelectorUnit] Get lesson

General properties			
Name	Get lesson		
Entity	 Lesson		
Incoming Parameter		Outgoing Parameter	
KeyCondition18 [oid]	oid  Course content /  [PowerIndexUnit] Content list.	→ View → Flow89	Data Size  var7 → Flow91
Max Results	None		
		oid	Product[oid]  [DataUnit] Lesson details. → Flow91

SubUnit List

[SelectorUnit] Get lesson / Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

[SelectorUnit] Get lesson / Conditional Expression / KeyCondition18

General properties	
Name	KeyCondition18
Predicate	In
Required	True

[SelectorUnit] Get option

General properties					
Name		Get option			
Entity		Option			
Incoming Parameter		Outgoing Parameter			
Max Results	None	oid Course content / [PowerIndexUnit] Content list. View → Flow190	Option	Selectanswer[label] [EntryUnit] Solve exercise.	… → Flow191
RoleCondition19 [oid]	Selectanswer[output] [EntryUnit] Solve exercise.		… → Flow191		
OptionsToExercise.oid	None				
oid	None				

SubUnit List

[SelectorUnit] Get option /

General properties		
Default Policy		Fill
Boolean Operator		And

[SelectorUnit] Get option / /

General properties		
Name		RoleCondition19
Role		ExerciseToOptions
Predicate		In
Required		True

[DataUnit] Lesson details

General properties		
Name		Lesson details
Entity		Lesson
Display Attributes		Name Description Video
Incoming Parameter		Outgoing Parameter
Product [oid]	oid [SelectorUnit] Get lesson.	… → Flow91
Description None Name None Order None Video None oid None		

SubUnit List

[DataUnit] Lesson details /

General properties		
Default Policy		Fill
Boolean Operator		And

[DataUnit] Lesson details / /

General properties

Name	Product
Predicate	In
Required	True

[EntryUnit] Solve exercise

General properties

Name	Solve exercise
Flow Order	→ Send

Incoming Parameter

Select answer - Preselecti on	None	
Select answer [label]	Option [SelectorUnit] Get option.	…> Flow191
Select answer [output]	Option [SelectorUnit] Get option.	…> Flow191

Outgoing Parameter

Select answer	UserSolution	→ Send
	NotCorrectSolution	→ Send

SubUnit List

[EntryUnit] Solve exercise / Select answer

General properties

Name	Select answer
Type	string

ValidationRule List

[EntryUnit] Solve exercise / Select answer / Mandatory field

General properties

Name	Mandatory field
Predicate	

[MultiMessageUnit] Wrong answer

General properties

Name	Wrong answer
Message Text	WRONG ANSWER!

Incoming Parameter

Shown Messages	None
----------------	------

6.9.3.2. Variable List

◆ CorrectSolution

General properties

Name	CorrectSolution
Type	string

Incoming Parameter

Solution [SelectorUnit] Get exercise.	…> Flow196
Solution [SelectorUnit] Get exercise.	…> Flow196 → Send

◆ NotCorrectSolution

General properties	
Name	NotCorrectSolution
Type	string
Incoming Parameter	
Selectanswer [EntryUnit] Solve exercise.	→ Send
Solution [SelectorUnit] Get exercise.	…> Flow196

◆ UserSolution

General properties	
Name	UserSolution
Type	string
Incoming Parameter	
Selectanswer [EntryUnit] Solve exercise.	→ Send
tvvvbevdvedfuvbeiuvbiviuviuvbluebv	…> Flow89

◆ var7

General properties	
Name	var7
Type	integer
Value	5
Incoming Parameter	
DataSize [SelectorUnit] Get lesson.	…> Flow91
DataSize [SelectorUnit] Get exercise.	…> Flow92

6.9.3.3. Internal Link List

✉ [MultiMessageUnit] [Correct answer](#) / …> Flow190

General properties	
Name	Flow190
Source	✉ [MultiMessageUnit] Correct answer
Target	✉ Get option
Type	transport
Validate	true

✉ [SelectorUnit] [Get option](#) / …> Flow191

General properties	
Name	Flow191
Source	✉ [SelectorUnit] Get option
Target	✉ Solve exercise
Type	transport
Validate	true

✉ [SelectorUnit] [Get exercise](#) / …> Flow196

General properties	
Name	Flow196
Source	 [SelectorUnit] Get exercise
Target	 Solve exercise
Type	transport
Validate	true

 [\[MultiMessageUnit\] Correct answer](#) /  Flow89

General properties	
Name	Flow89
Source	 [MultiMessageUnit] Correct answer
Target	 Get lesson
Type	transport
Validate	true

 [\[MultiMessageUnit\] Correct answer](#) /  Flow90

General properties	
Name	Flow90
Source	 [MultiMessageUnit] Correct answer
Target	 Get exercise
Type	transport
Validate	true

 [\[SelectorUnit\] Get lesson](#) /  Flow91

General properties	
Name	Flow91
Source	 [SelectorUnit] Get lesson
Target	 Lesson details
Type	transport
Validate	true

 [\[SelectorUnit\] Get exercise](#) /  Flow92

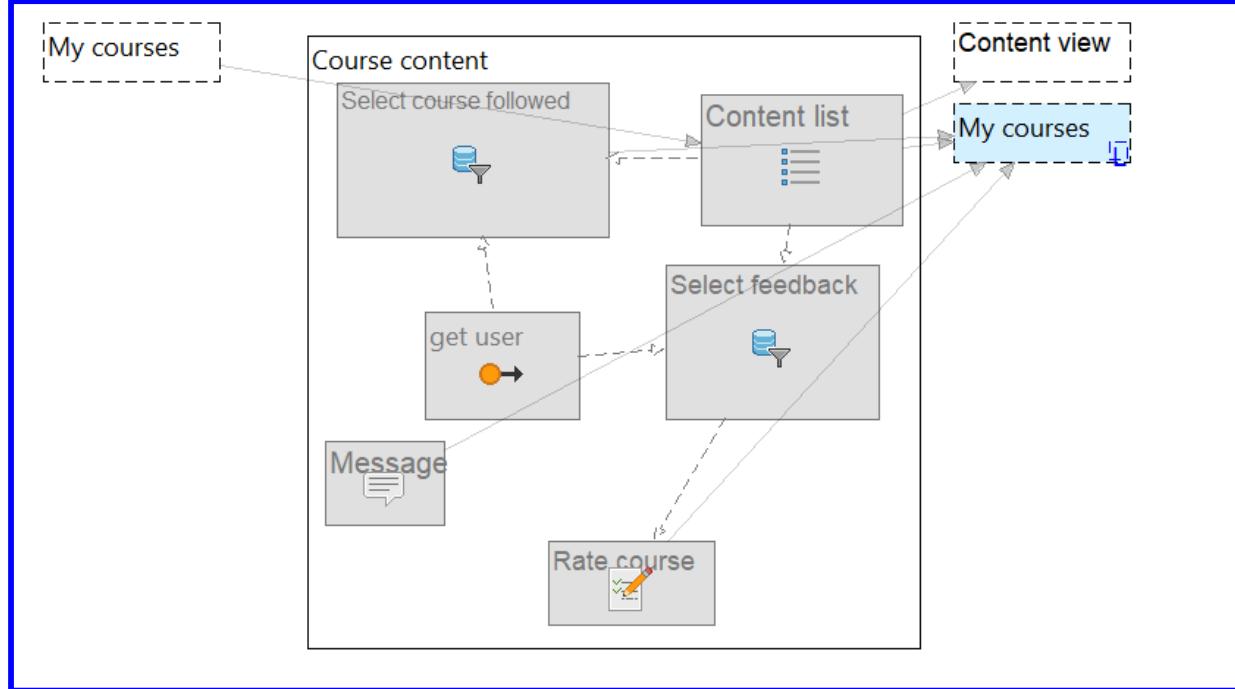
General properties	
Name	Flow92
Source	 [SelectorUnit] Get exercise
Target	 Exercise details
Type	transport
Validate	true

 [\[EntryUnit\] Solve exercise](#) /  Send

General properties	
Name	Send
Source	[EntryUnit] Solve exercise
Target	[Wrong answer]
Type	normal
Validate	true

6.10. [Page] Course content

Project / User View / My courses / Course content



6.10.1. Property Section

General properties	
Name	Course content
URL Fragment	Value

6.10.2. Summary Section

6.10.2.1. ConditionExpression Summary

[[ActivationExpression 19](#)

6.10.2.2. Component Summary

- [PowerIndexUnit] [Content list](#)
- [GetUnit] [get user](#)
- [MultiMessageUnit] [Message](#)
- [EntryUnit] [Rate course](#)
- [SelectorUnit] [Select course followed](#)
- [SelectorUnit] [Select feedback](#)

6.10.2.3. Variable Summary

var16

6.10.2.4. Incoming Flow Summary

→ [View content](#)

from [My courses](#) / [PowerIndexUnit] [Courses list](#)

to [PowerIndexUnit] [Content list](#)

6.10.2.5. Outgoing Flow Summary

→ Rate	from [EntryUnit] Rate course
→ Unfollow course	from [MultiMessageUnit] Message
→ Update rating	from [EntryUnit] Rate course
→ View	from [PowerIndexUnit] Content list

to My courses / [CreateUnit] Create feedback
to My courses / [DeleteUnit] Unfollow course
to My courses / [ModifyUnit] Update feedback
to Content view / [MultiMessageUnit] Correct answer

6.10.3. Details Section

6.10.3.1. ConditionExpression List

[ActivationExpression 19]

General properties	
Name	ActivationExpression 19

[PowerIndexUnit] Content list

General properties	
Name	Content list
Entity	Content
Display Attributes	Order Name Description
Flow Order	→ View
Incoming Parameter	
Block Factor	None
Block Index	None
Block Window	None
Max Results	None
RoleCondition11 [oid]	oid My courses / [PowerIndexUnit] Courses list . → View content
current oid	None
Outgoing Parameter	
oid	<p>KeyCondition18[oid] Content view / [SelectorUnit] Get lesson.</p> <p>KeyCondition20[oid] Content view / [SelectorUnit] Get exercise.</p> <p>RoleCondition19[oid] Content view / [SelectorUnit] Get option.</p>

SubUnit List

[PowerIndexUnit] Content list / [Conditional Expression]

General properties	
Default Policy	Fill
Boolean Operator	And

[PowerIndexUnit] Content list / [Conditional Expression] / [RoleCondition11]

General properties	
Name	RoleCondition11
Role	CourseToContent
Predicate	In
Required	True

→ [GetUnit] get user

General properties

Name	get user	
Context Parameters	UserCtxParam	
Outgoing Parameter		
UserCtxParam.oid	RoleCondition24[oid] [SelectorUnit] Select course followed.	...> Flow122
	RoleCondition25[oid] [SelectorUnit] Select feedback.	...> Flow149
	User.oid(FeedbackToUser) My courses / [CreateUnit] Create feedback.	...> Flow149 ...> Flow148 → Rate feedback.

[MultiMessageUnit] Message

General properties

Name	Message	
Message Text	Do you want to unfollow the course? Click here:	
Flow Order	→ Unfollow course	
Incoming Parameter		
Shown Messages	None	

[EntryUnit] Rate course

General properties

Name	Rate course
Field Order	rating
Flow Order	→ Rate → Update rating
Incoming Parameter	Outgoing Parameter
rating	None
rating - Preselecti on	None
	rating My courses / [CreateUnit] Create feedback. → Rate
	rating My courses / [ModifyUnit] Update feedback. → Update rating

SubUnit List

[EntryUnit] Rate course / rating

General properties

Name	rating
Type	integer

[EntryUnit] Rate course / rating / ratings

General properties

Name	ratings
Value	1 2 3 4 5

ValidationRule List

[EntryUnit] Rate course / rating / Mandatory Field

General properties

Name	Mandatory Field
Predicate	

[SelectorUnit] Select course followed

General properties

Name	Select course followed
Entity	Course followed

Incoming Parameter		Outgoing Parameter	
Max Results	None	Courses followedTo Course.oid	None
RoleCondition23 [oid]	oid My courses / [PowerIndexUnit] Courses list.	→ View content → Flow121	
RoleCondition24 [oid]	UserCtxParam.oid → [GetUnit] get user.	… → Flow122	
			Courses followedTo User.oid
			Start date
			oid
			KeyCondition25[oid] My courses / [DeleteUnit] Unfollow course.
			… → Flow123

SubUnit List

[SelectorUnit] Select course followed /

General properties	
Default Policy	Fill
Boolean Operator	And

[SelectorUnit] Select course followed / RoleCondition23

General properties	
Name	RoleCondition23
Role	CourseToCourses followed
Predicate	In
Required	True

[SelectorUnit] Select course followed / RoleCondition24

General properties	
Name	RoleCondition24
Role	UserToCourses followed
Predicate	In
Required	True

[SelectorUnit] Select feedback

General properties			
Name	Select feedback		
Entity	Feedback		
Incoming Parameter		Outgoing Parameter	
Max Results	None	Data Size	var16 → Flow148
RoleCondition24 [oid]	oid My courses / [PowerIndexUnit] Courses list.	Feedback ToCourse.oid	None
RoleCondition25 [oid]	UserCtxParam.oid → [GetUnit] get user.	Feedback ToUser.oid	None
	… → Flow149	oid	KeyCondition24[oid] My courses / [ModifyUnit] Update feedback.
		rating	… → Flow148 → Update rating

SubUnit List

[SelectorUnit] Select feedback /

General properties	
Default Policy	Fill
Boolean Operator	And

 [SelectorUnit] [Select feedback](#) /  [Conditional Expression](#) /  [RoleCondition24](#)

 General properties

Name	RoleCondition24
------	-----------------

Role	 CourseToFeedback
------	--

Predicate	In
-----------	----

Required	True
----------	------

 [SelectorUnit] [Select feedback](#) /  [Conditional Expression](#) /  [RoleCondition25](#)

 General properties

Name	RoleCondition25
------	-----------------

Role	 UserToFeedback
------	--

Predicate	In
-----------	----

Required	True
----------	------

6.10.3.2. Variable List

◆ var16

 General properties

Name	var16
------	-------

Type	integer
------	---------

 Incoming Parameter

DataSize  [SelectorUnit] Select feedback.	 Flow148
---	--

6.10.3.3. Outgoing Link List

 [SelectorUnit] [Select course followed](#) /  [Flow123](#)

 General properties

Name	Flow123
------	---------

Source	 [SelectorUnit] Select course followed
--------	---

Target	 Unfollow course
--------	---

Type	transport
------	-----------

Automatic Binding	true
-------------------	------

Validate	true
----------	------

 [PowerIndexUnit] [Content list](#) /  [Flow87](#)

 General properties

Name	Flow87
------	--------

Source	 [PowerIndexUnit] Content list
--------	---

Target	 Create feedback
--------	---

Type	transport
------	-----------

Validate	true
----------	------

 [EntryUnit] [Rate course](#) /  [Rate](#)

General properties	
Name	Rate
Source	[EntryUnit] Rate course
Target	+ Create feedback
Type	normal
Validate	true

[\[MultiMessageUnit\] Message](#) / → Unfollow course

General properties	
Name	Unfollow course
Source	[MultiMessageUnit] Message
Target	- Unfollow course
Type	normal
Automatic Binding	true
Validate	true

[\[EntryUnit\] Rate course](#) / → Update rating

General properties	
Name	Update rating
Source	[EntryUnit] Rate course
Target	+ Update feedback
Type	normal
Validate	true

[\[PowerIndexUnit\] Content list](#) / → View

General properties	
Name	View
Source	[PowerIndexUnit] Content list
Target	Correct answer
Type	normal
Validate	true

6.10.3.4. Internal Link List

[\[PowerIndexUnit\] Content list](#) / ↗ Flow121

General properties	
Name	Flow121
Source	[PowerIndexUnit] Content list
Target	Select course followed
Type	transport
Validate	true

→ [GetUnit] [get user](#) / ↗ Flow122

General properties	
Name	Flow122
Source	➡ [GetUnit] get user
Target	⬇ Select course followed
Type	transport
Validate	true

⬇ [SelectorUnit] [Select feedback](#) / ➡ Flow148

General properties	
Name	Flow148
Source	⬇ [SelectorUnit] Select feedback
Target	✓ Rate course
Type	transport
Validate	true

➡ [GetUnit] [get user](#) / ➡ Flow149

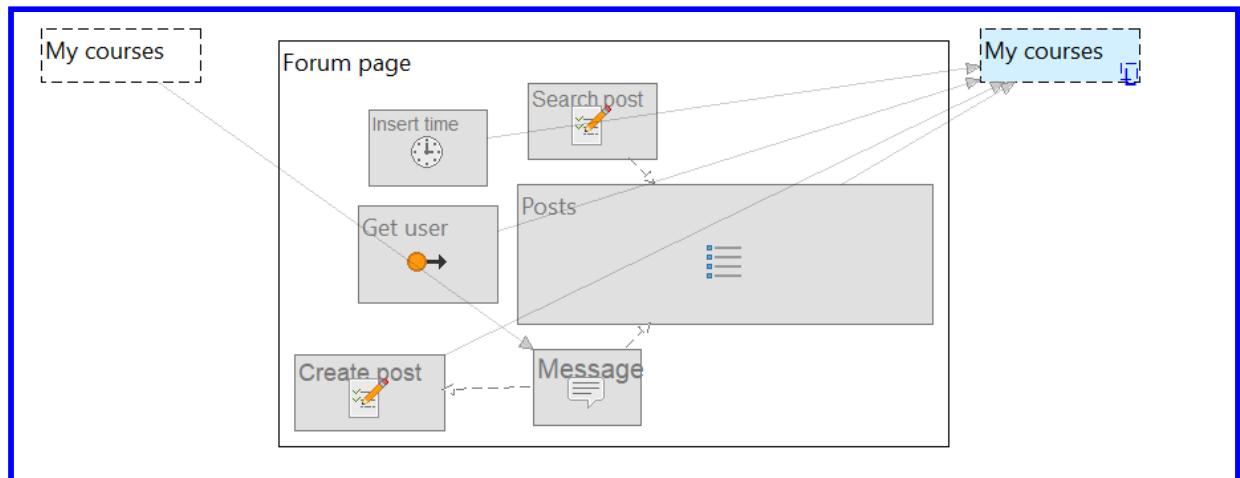
General properties	
Name	Flow149
Source	➡ [GetUnit] get user
Target	⬇ Select feedback
Type	transport
Validate	true

☰ [PowerIndexUnit] [Content list](#) / ➡ Flow96

General properties	
Name	Flow96
Source	☰ [PowerIndexUnit] Content list
Target	⬇ Select feedback
Type	transport
Validate	true

6.11. [Page] Forum page

Project / User View / My courses / Forum page



6.11.1. Property Section

General properties	
Name	Forum page
URL Fragment	Value

6.11.2. Summary Section

6.11.2.1. ConditionExpression Summary

[ActivationExpression 16

6.11.2.2. Component Summary

[EntryUnit] Create post
[GetUnit] Get user
[TimeUnit] Insert time
[MultiMessageUnit] Message
[PowerIndexUnit] Posts
[EntryUnit] Search post

6.11.2.3. Variable Summary

var18

6.11.2.4. Incoming Flow Summary

→ [Forum](#) from [My courses](#) / [PowerIndexUnit] [Courses list](#) to [MultiMessageUnit] [Message](#)

6.11.2.5. Outgoing Flow Summary

→ Comments from [PowerIndexUnit] Posts	to My courses / [ModuleInstanceUnit] Add comment
→ Save from [EntryUnit] Create post	to My courses / [CreateUnit] Create post

6.11.2.6. Internal Flow Summary

→ Create post from [MultiMessageUnit] Message	to [EntryUnit] Create post
→ Search from [EntryUnit] Search post	to [PowerIndexUnit] Posts

6.11.3. Details Section

6.11.3.1. ConditionExpression List

[ActivationExpression 16

General properties	
Name	ActivationExpression 16

[EntryUnit] Create post

General properties	
Name	Create post
Flow Order	→ Save
Outgoing Parameter	
Description	Description My courses / [CreateUnit] Create post.
Title	Title My courses / [CreateUnit] Create post.

SubUnit List

[EntryUnit] [Create post](#) / Title

General properties

Name	Title
Type	string

[EntryUnit] Create post / Description

General properties

Name	Description
Type	text

ValidationRule List

[EntryUnit] Create post / Title / ✓ Mandatory field

General properties

Name	Mandatory field
Predicate	

[EntryUnit] Create post / Description / ✓ Mandatory field

General properties

Name	Mandatory field
Predicate	

→ [GetUnit] Get user

General properties

Name	Get user
Context Parameters	➡ UserCtxParam
Outgoing Parameter	
UserCtxParam.oid	User.oid(PostToUser) ↗ My courses / [CreateUnit] Create post. → Flow119

⌚ [TimeUnit] Insert time

General properties

Name	Insert time
Incoming Parameter	Outgoing Parameter
Input Date	None
Input Time	None
InputTimeStamp	None
Current/In put Timestamp	InsertTime ↗ My courses / [CreateUnit] Create post. → Flow118

✉ [MultiMessageUnit] Message

General properties

Name	Message
Message File	WEB-INF/descr/message8.template
Flow Order	→ Create post
Incoming Parameter	
Shown Messages	None
courseName	Name ↗ My courses / [PowerIndexUnit] Courses list. → Forum

≡ [PowerIndexUnit] Posts

General properties			
Name	Posts		
Entity	Post		
Display Attributes	@ Insert Time @ Username @ Title @ Description		
Sort Attributes	@ Insert Time	descending	
Flow Order	→ Comments		
○ Incoming Parameter		○ Outgoing Parameter	
Block Factor	None	Description	None
Block Index	None	Insert Time	None
Block Window	None	PostToForum.oid	None
Max Results	None	PostToUser.oid	None
RoleCondition17 [oid]	CourseToForum.oid My courses / [PowerIndexUnit] Courses list.	→ Forum → Flow112	Title None Username None oid Postkey My courses / [ModuleInstanceUnit] Add comment. → Comments
Search	Search [EntryUnit] Search post.	→ Search	oid (block) None
current oid	None		

SubUnit List

[PowerIndexUnit] Posts / Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

[PowerIndexUnit] Posts / Conditional Expression / RoleCondition17

General properties	
Name	RoleCondition17
Role	ForumToPost
Predicate	In
Required	True

[PowerIndexUnit] Posts / Conditional Expression / Search

General properties	
Name	Search
Attributes	@ Title @ Description @ Username
Predicate	Contains
Ignore Case	true
Boolean Operator	Or
Required	False

[EntryUnit] Search post

General properties	
Name	Search post
Flow Order	→ Search
○ Outgoing Parameter	
Search	Search [PowerIndexUnit] Posts.
	→ Search

SubUnit List

 [EntryUnit] [Search post](#) / Search

General properties	
Name	Search
Type	string

6.11.3.2. Variable List

var18

General properties	
Name	var18
Type	integer
Value	0
Incoming Parameter	
1	→ Create post

6.11.3.3. Outgoing Link List

 [PowerIndexUnit] [Posts](#) / → Comments

General properties	
Name	Comments
Source	[PowerIndexUnit] Posts
Target	Add comment
Type	normal
Validate	true

 [TimeUnit] [Insert time](#) / → Flow118

General properties	
Name	Flow118
Source	[TimeUnit] Insert time
Target	Create post
Type	transport
Validate	true

 → [GetUnit] [Get user](#) / → Flow119

General properties	
Name	Flow119
Source	[GetUnit] Get user
Target	Create post
Type	transport
Automatic Binding	true
Validate	true

 [EntryUnit] [Create post](#) / → Save

General properties	
Name	Save
Source	[EntryUnit] Create post
Target	+ Create post
Type	normal
Validate	true

6.11.3.4. Internal Link List

[\[MultiMessageUnit\] Message](#) / → Create post

General properties	
Name	Create post
Source	[MultiMessageUnit] Message
Target	Create post
Type	normal
Validate	true

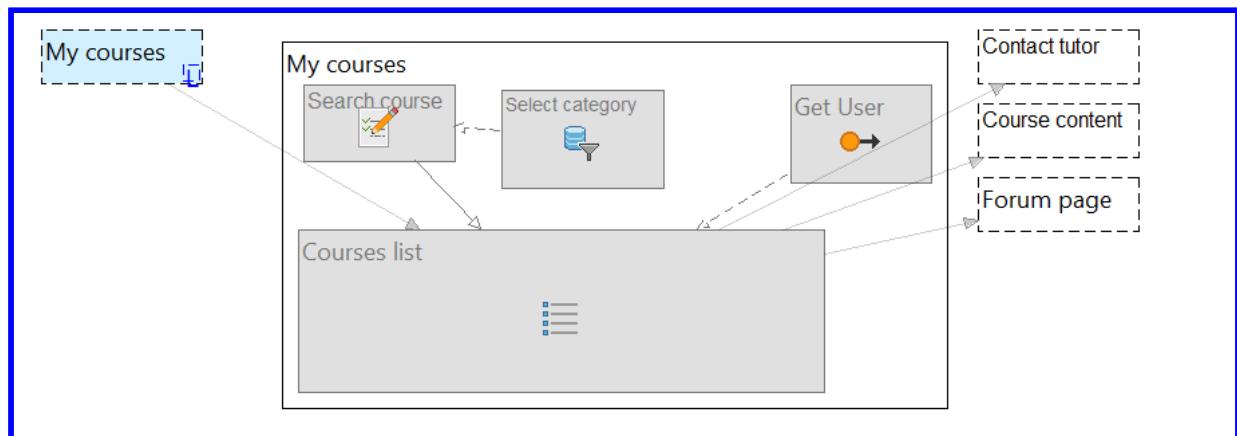
[\[MultiMessageUnit\] Message](#) / ↗ Flow112

General properties	
Name	Flow112
Source	[MultiMessageUnit] Message
Target	Posts
Type	transport
Validate	true

[\[EntryUnit\] Search post](#) / → Search

General properties	
Name	Search
Source	[EntryUnit] Search post
Target	Posts
Type	normal
Validate	true

6.12. [Page] My courses

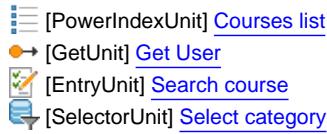
[Project](#) / [User View](#) / [My courses](#) / My courses

6.12.1. Property Section

General properties	
Name	My courses
URL Fragment	Value

6.12.2. Summary Section

6.12.2.1. Component Summary



6.12.2.2. Incoming Flow Summary



6.12.2.3. Outgoing Flow Summary



6.12.2.4. Internal Flow Summary



6.12.3. Details Section

[PowerIndexUnit] Courses list

General properties	
Name	Courses list
Entity	Course
Display Attributes	.. @ oid @ Name @ description R CourseToUser @ User Name R CourseToCategory @ Category
Flow Order	→ View content → Forum → Contact tutor

Incoming Parameter		Outgoing Parameter	
Block Factor	None	#followers	None
Block Index	None	CourseTo Category. Category	None
Block Window	None	CourseTo Category. oid	None
Max Results	None	CourseTo Forum.oid	Forum.oid(PostToForum) My courses / [CreateUnit] Create post. → Forum → Create post → Save
RoleCondition10 [oid]	UserCtxParam.oid [GetUnit] Get User.	RoleCondition17[oid]	Forum page / [PowerIndexUnit] Posts. → Forum → Flow112
RoleCondition9 [oid]	Searchwithcategory [EntryUnit] Search course.	CourseTo User.User Name	None
Search	Search [EntryUnit] Search course.	CourseTo User.oid	None
current oid	None	Name	courseName Forum page / [MultiMessageUnit] Message. → Forum
		avgrating	None
		description	None
		oid	Course.oid(FeedbackToCourse) My courses / [CreateUnit] Create feedback. → View content → Flow87
			Course.oid(PrivatemessageToCourse) My courses / [CreateUnit] Create private message. → Contact tutor → Send
			RoleCondition11[oid] Course content / [PowerIndexUnit] Content list. → View content
			RoleCondition23[oid] Course content / [SelectorUnit] Select course followed. → View content → Flow121
			RoleCondition24[oid] Course content / [SelectorUnit] Select feedback. → View content → Flow96
			RoleCondition6[oid] Contact tutor / [PowerIndexUnit] My private messages. → Contact tutor → Flow76
		oid (block)	None

SubUnit List

[PowerIndexUnit] Courses list / Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

[PowerIndexUnit] Courses list / Conditional Expression / Search

General properties

Name	Search
Attributes	. Name description CourseToUser User Name
Predicate	Contains
Ignore Case	true
Boolean Operator	Or
Required	False

[PowerIndexUnit] Courses list / Conditional Expression / RoleCondition9

General properties

Name	RoleCondition9
Role	CategoryToCourse
Predicate	In
Required	False

[PowerIndexUnit] Courses list / Conditional Expression / RoleCondition10

General properties

Name	RoleCondition10
Role	. UserToCourses followed Courses followedToCourse
Predicate	In
Required	True

→ [GetUnit] Get User

General properties

Name	Get User
Context Parameters	UserCtxParam
Outgoing Parameter	
UserCtxParam.oid	RoleCondition10[oid] [PowerIndexUnit] Courses list.

… Flow42

✓ [EntryUnit] Search course

General properties

Name	Search course
Flow Order	→ Search
Incoming Parameter	
Search with category - Preselection	None
Search with category [label]	Category [SelectorUnit] Select category.
Search with category [output]	oid [SelectorUnit] Select category.

Outgoing Parameter

Search [Search](#) [PowerIndexUnit] Courses list.

Search with category [Search](#)

General properties	
Name	Search
Type	string

[EntryUnit] [Search course](#) / Search with category

General properties	
Name	Search with category
Type	string

[SelectorUnit] Select category

General properties	
Name	Select category
Entity	Category
Incoming Parameter	
Max Results	None
Outgoing Parameter	
	Category Searchwithcategory[label] [EntryUnit] Search course . Flow79
	oid Searchwithcategory[output] [EntryUnit] Search course . Flow79

6.12.3.1. Outgoing Link List

[PowerIndexUnit] [Courses list](#) / → Contact tutor

General properties	
Name	Contact tutor
Source	[PowerIndexUnit] Courses list
Target	Send private message
Type	normal
Validate	true

[PowerIndexUnit] [Courses list](#) / → Forum

General properties	
Name	Forum
Source	[PowerIndexUnit] Courses list
Target	Message
Type	normal
Validate	true

[PowerIndexUnit] [Courses list](#) / → View content

General properties	
Name	View content
Source	[PowerIndexUnit] Courses list
Target	Content list
Type	normal
Validate	true

6.12.3.2. Internal Link List

[GetUnit] [Get User](#) / [Flow42](#)

General properties	
Name	Flow42
Source	➡ [GetUnit] Get User
Target	⠇ Courses list
Type	transport
Automatic Binding	true
Validate	true

✉ [SelectorUnit] [Select category](#) / ➡ Flow79

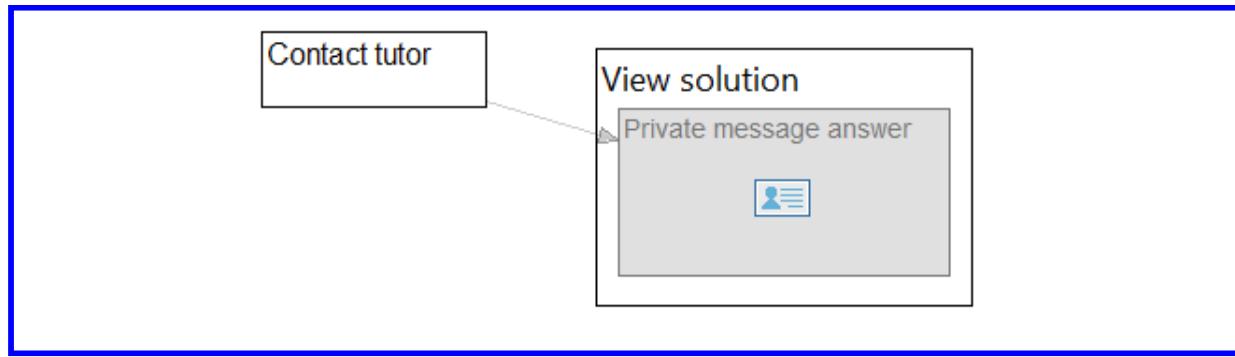
General properties	
Name	Flow79
Source	✉ [SelectorUnit] Select category
Target	📝 Search course
Type	transport
Validate	true

📝 [EntryUnit] [Search course](#) / → Search

General properties	
Name	Search
Source	📝 [EntryUnit] Search course
Target	⠇ Courses list
Type	normal
Validate	true

6.13. [Page] View solution

Project / [User View](#) / [My courses](#) / [View solution](#)



6.13.1. Property Section

General properties	
Name	View solution
URL Fragment	Value

6.13.2. Summary Section

6.13.2.1. Component Summary

👤 [DataUnit] [Private message answer](#)

6.13.2.2. Incoming Flow Summary

→ [Details](#) from [Contact tutor](#) / [PowerIndexUnit] [My private messages](#) to [DataUnit] [Private message answer](#)

6.13.3. Details Section

[DataUnit] Private message answer

General properties	
Name	Private message answer
Entity	Private message
Display Attributes	Title Description Answer
Incoming Parameter	
KeyCondition24 [oid]	oid Contact tutor / [PowerIndexUnit] My private messages .
→ Details	
Outgoing Parameter	
	Answer None
	Description None
	Insertion date None
	Private messageToCourse.oid None
	Private messageToUser.oid None
	Status None
	Title None
	UserName None
	oid None

SubUnit List

[DataUnit] Private message answer / Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

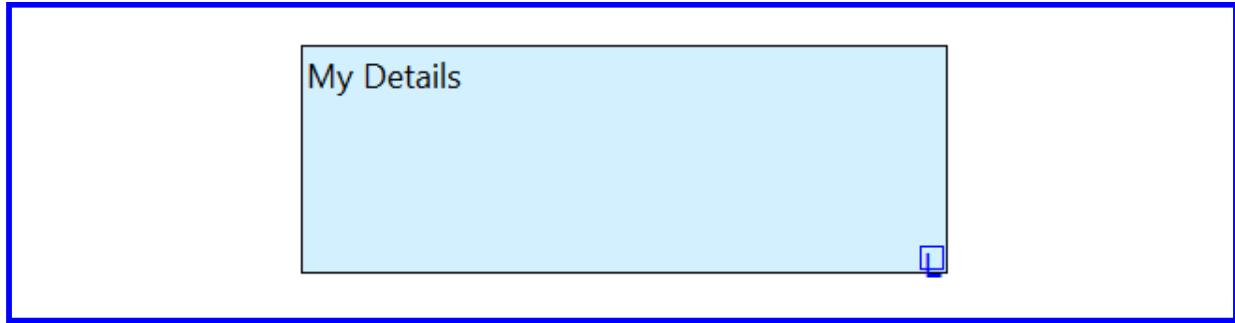
[DataUnit] Private message answer / Conditional Expression / KeyCondition24

General properties	
Name	KeyCondition24
Predicate	In
Required	True

6.14. [Area] My Details

[Project](#) / [User View](#) / [My Details](#)





6.14.1. Property Section

General properties	
Name	My Details
Default Page	My Details
Landmark	true

6.14.2. Summary Section

6.14.2.1. Component Summary

- [GetUnit] [Get User](#)
- [ModuleInstanceUnit] [My Details](#)

6.14.2.2. Landmark Summary

- [My Details](#)

6.14.3. Details Section

●→ [GetUnit] Get User

General properties	
Name	Get User
Context Parameters	
UserCtxParam	
Outgoing Parameter	
UserCtxParam.oid	Profilekey [ModuleInstanceUnit] My Details . Link140

[ModuleInstanceUnit] My Details

General properties	
Name	My Details
Module	Profile details
Incoming Parameter	
Profile key	UserCtxParam.oid [GetUnit] Get User . Link140

6.14.3.1. Internal Link List

●→ [GetUnit] [Get User](#) / [Link140](#)

General properties	
Name	Link140
Source	[GetUnit] Get User
Target	My Details
Type	transport
Validate	true

6.15. [Area] Support requests

 [Project](#) /  [User View](#) /  [Support requests](#)



6.15.1. Property Section

 General properties	
Name	Support requests
Default Page	 Manage support requests
Landmark	true

6.15.2. Summary Section

6.15.2.1. Page Summary

-  [Manage support requests](#)
-  [View solution](#)

6.15.2.2. Component Summary

-  [\[CreateUnit\] Create support request](#)

6.15.2.3. Landmark Summary

-  [Support requests](#)

6.15.2.4. Incoming Flow Summary

→ [Send](#) from  [Manage support requests](#) /  [\[EntryUnit\] Send support request](#) to  [\[CreateUnit\] Create support request](#)

6.15.3. Details Section

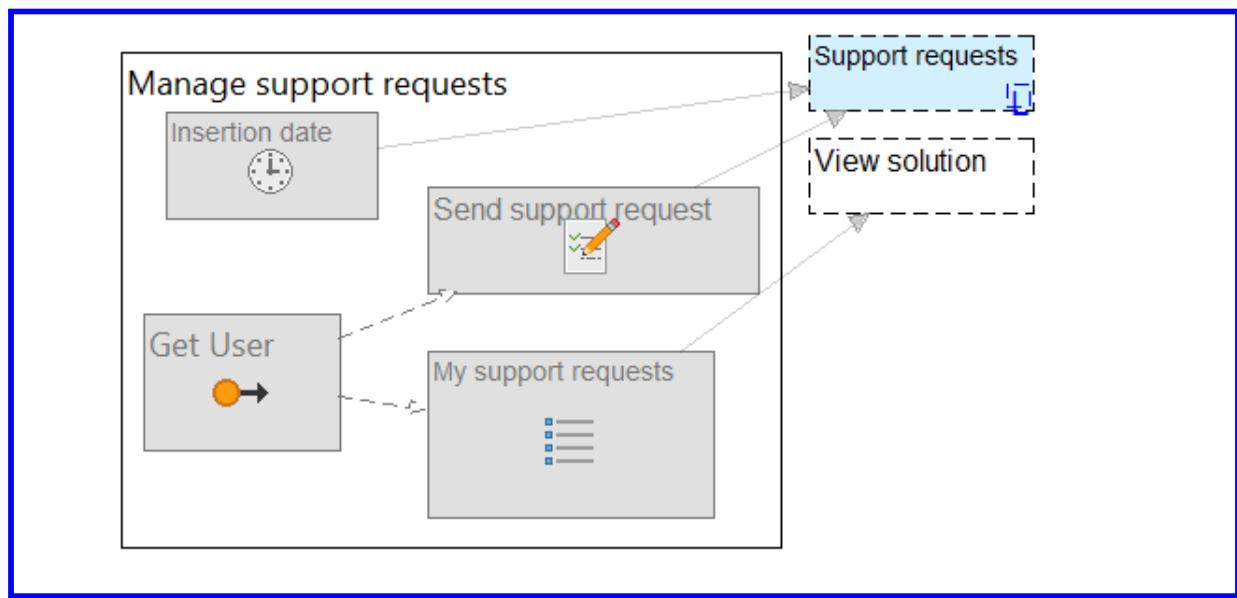
 [\[CreateUnit\] Create support request](#)

 General properties	
Name	Create support request
Entity	 Support

Incoming Parameter		Outgoing Parameter	
Description	Description Manage support requests / [EntryUnit] Send support request.	→ Send	Description None
Insertion date	Current/InputDate Manage support requests / [TimeUnit] Insertion date.	… Flow24	Insertion date None
Solution	Not solved	→ Send	Solution None
Status	Not solved	→ Send	Status None
Support Object	None		
Title	Title Manage support requests / [EntryUnit] Send support request.	→ Send	Title None
User.oid(SupportToUser)	UserCtxParam.oid Manage support requests / [GetUnit] Get User.	… Flow23 → Send	
oid	None		

6.16. [Page] Manage support requests

Project / User View / Support requests / Manage support requests



6.16.1. Property Section

General properties	
Name	Manage support requests
URL Fragment	Value

6.16.2. Summary Section

6.16.2.1. Component Summary

- → [GetUnit] [Get User](#)
- ⌚ [TimeUnit] [Insertion date](#)
- ⠇ [PowerIndexUnit] [My support requests](#)
- ☑ [EntryUnit] [Send support request](#)

6.16.2.2. Outgoing Flow Summary

→ [Details](#)

from [PowerIndexUnit] [My support requests](#)

to [View solution](#) / [DataUnit] [Support request solution](#)

→ [Send](#)from [EntryUnit] [Send support request](#)to [Support requests](#) / [CreateUnit] [Create support request](#)

6.16.3. Details Section

●→ [GetUnit] Get User

General properties		
Name	Get User	
Context Parameters	UserCtxParam	
Outgoing Parameter		
UserCtxParam.oid	RoleCondition2[oid] [PowerIndexUnit] My support requests.	…→ Flow25
	User.oid(SupportToUser) Support requests / [CreateUnit] Create support request.	…→ Flow23 → Send

⌚ [TimeUnit] Insertion date

General properties		
Name	Insertion date	
Incoming Parameter	Outgoing Parameter	
Input Date	None	Current/Input Date
Input Time	None	Insertiondate Support requests / [CreateUnit] Create support request.
InputTimeStamp	None	…→ Flow24

☰ [PowerIndexUnit] My support requests

General properties		
Name	My support requests	
Entity	Support	
Display Attributes	@ Insertion date @ Title @ Description @ Status	
Sort Attributes	@ Insertion date ascending	
Flow Order	→ Details	
Incoming Parameter		Outgoing Parameter
Block Factor	None	oid KeyCondition24[oid] View solution / [DataUnit] Support request solution.
Block Index	None	
Block Window	None	
Max Results	None	
RoleCondition2 [oid]	UserCtxParam.oid → [GetUnit] Get User.	
current oid	…→ Flow25	

SubUnit List

☰ [PowerIndexUnit] [My support requests](#) / ☐ Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

[PowerIndexUnit] [My support requests](#) / [Conditional Expression](#) / [RoleCondition2](#)

General properties

Name	RoleCondition2
Role	UserToSupport
Predicate	In
Required	True

[EntryUnit] Send support request

General properties

Name	Send support request
Flow Order	→ Send
Description	Description Support requests / [CreateUnit] Create support request.
Title	Title Support requests / [CreateUnit] Create support request.

SubUnit List

[EntryUnit] Send support request / Title

General properties

Name	Title
Type	string

[EntryUnit] Send support request / Description

General properties

Name	Description
Type	text

ValidationRule List

[EntryUnit] Send support request / Title / mandatory field

General properties

Name	mandatory field
Predicate	

[EntryUnit] Send support request / Description / mandatory filed

General properties

Name	mandatory filed
Predicate	

6.16.3.1. Outgoing Link List

[PowerIndexUnit] [My support requests](#) / → Details

General properties

Name	Details
Source	[PowerIndexUnit] My support requests
Target	Support request solution
Type	normal
Automatic Binding	true
Validate	true

[TimeUnit] Insertion date / → Flow24

General properties	
Name	Flow24
Source	[TimeUnit] Insertion date
Target	+ Create support request
Type	transport
Validate	true

[EntryUnit] Send support request / → Send

General properties	
Name	Send
Source	[EntryUnit] Send support request
Target	+ Create support request
Type	normal
Validate	true

6.16.3.2. Internal Link List

●→ [GetUnit] Get User / → Flow23

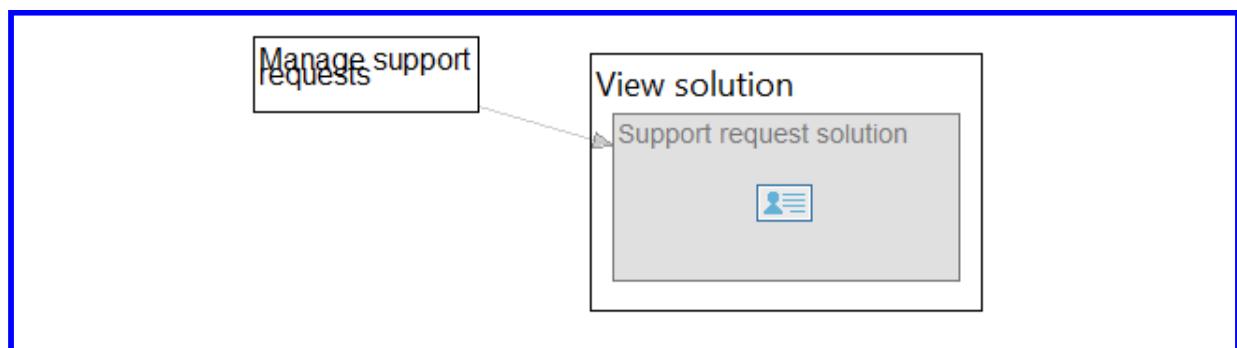
General properties	
Name	Flow23
Source	●→ [GetUnit] Get User
Target	Send support request
Type	transport
Validate	true

●→ [GetUnit] Get User / → Flow25

General properties	
Name	Flow25
Source	●→ [GetUnit] Get User
Target	My support requests
Type	transport
Automatic Binding	true
Validate	true

6.17. [Page] View solution

Project / User View / Support requests / View solution



6.17.1. Property Section

General properties	
Name	View solution
URL Fragment	Value

6.17.2. Summary Section

6.17.2.1. Component Summary

[DataUnit] [Support request solution](#)

6.17.2.2. Incoming Flow Summary

→ [Details](#) from [Manage support requests](#) / [PowerIndexUnit] [My support requests](#) to [DataUnit] [Support request solution](#)

6.17.3. Details Section

[DataUnit] [Support request solution](#)

General properties	
Name	Support request solution
Entity	Support
Display Attributes	Title Description Solution
Incoming Parameter	
KeyCondition24 [oid]	oid Manage support requests / [PowerIndexUnit] My support requests.
	→ Details
Outgoing Parameter	
	Description None
	Insertion date None
	Solution None
	Status None
	SupportToUser.oid None
	Title None
	UserName None
	UserOid None
	oid None

SubUnit List

[DataUnit] [Support request solution](#) / Conditional Expression

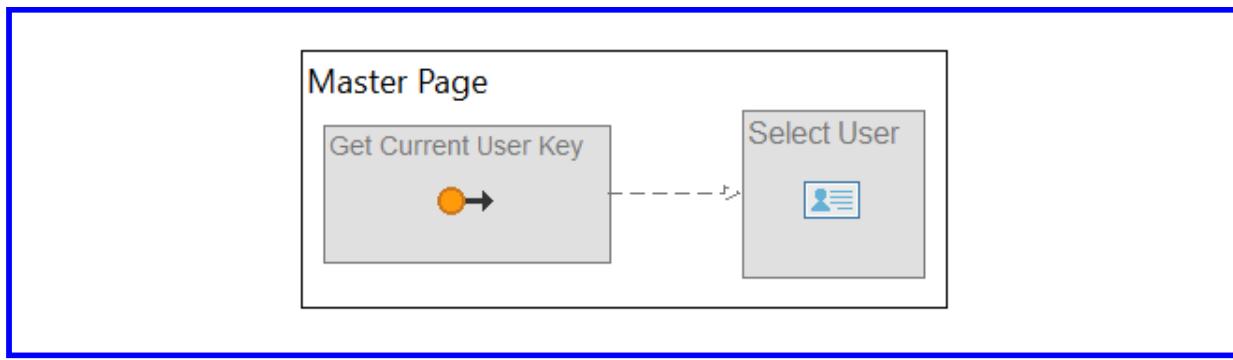
General properties	
Default Policy	Fill
Boolean Operator	And

[DataUnit] [Support request solution](#) / Conditional Expression / KeyCondition24

General properties	
Name	KeyCondition24
Predicate	In
Required	True

6.18. [MasterPage] Master Page

[Project](#) / [User View](#) / [Master Page](#)



6.18.1. Property Section

General properties	
Name	Master Page

6.18.2. Summary Section

6.18.2.1. Component Summary

→ [GetUnit] [Get Current User Key](#)

[DataUnit] [Select User](#)

6.18.2.2. Outgoing Flow Summary

→ [Logout](#)

from [DataUnit] [Select User](#)

to [User View](#) / [LogoutUnit] [Logout](#)

6.18.3. Details Section

→ [GetUnit] Get Current User Key

General properties	
Name	Get Current User Key
Context Parameters	→ [UserCtxParam]
Outgoing Parameter	
UserCtxParam.oid	User[oid] [DataUnit] Select User .
	→ Flow1

[DataUnit] Select User

General properties	
Name	Select User
Entity	User
Flow Order	→ Logout
Incoming Parameter	
User [oid]	UserCtxParam.oid → [GetUnit] Get Current User Key .
	→ Flow1

SubUnit List

[DataUnit] Select User / Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

[DataUnit] Select User / User

General properties	
Name	User
Predicate	In
Required	True

6.18.3.1. Outgoing Link List

 [DataUnit] [Select User](#) / → Logout

General properties	
Name	Logout
Source	 [DataUnit] Select User
Target	 Logout
Type	normal
Automatic Binding	true
Validate	true

6.18.3.2. Internal Link List

●→ [GetUnit] [Get Current User Key](#) / ↗ Flow1

General properties	
Name	Flow1
Source	●→ [GetUnit] Get Current User Key
Target	 Select User
Type	transport
Automatic Binding	true
Validate	true

7. [ModuleView] Module Definitions

 Project /  Module Definitions

7.1. Property Section

General properties	
Name	Module Definitions

7.2. Summary Section

7.2.1. OperationModule Summary

-  [Delete course](#)
-  [Login](#)

7.2.2. HybridModule Summary

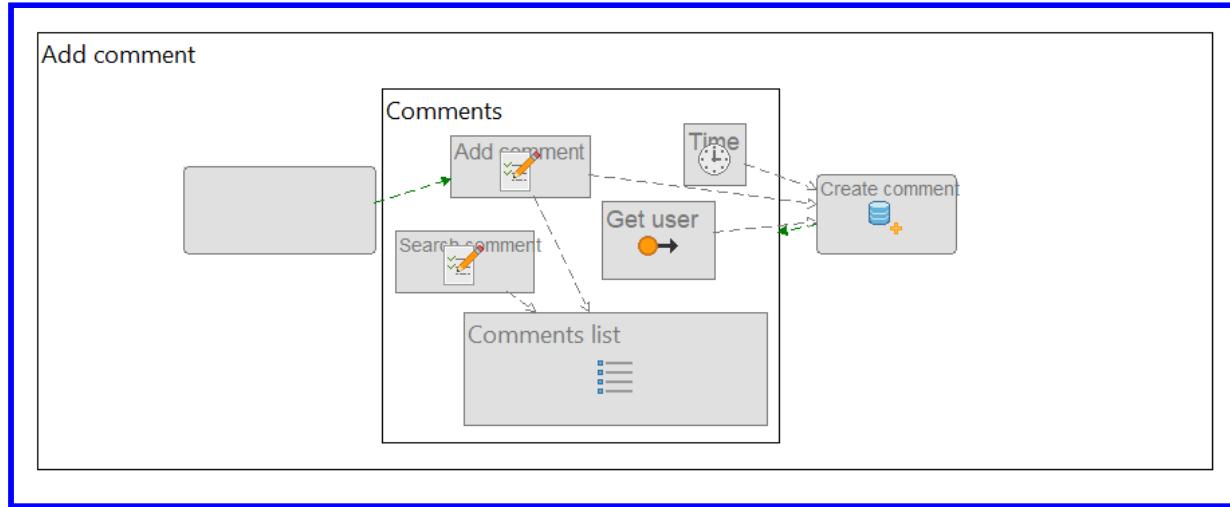
-  [Add comment](#)
-  [Add content](#)
-  [Add options and solution](#)
-  [Delete Category](#)

Hybrid Module that implements the actions required to delete a Category.

-  [Edit content](#)
-  [Profile details](#)
-  [Registration](#)

7.3. [HybridModule] Add comment

 Project /  Module Definitions /  Add comment



7.3.1. Property Section

General properties	
Name	Add comment

7.3.2. Summary Section

7.3.2.1. Page Summary

-  [Comments](#)

7.3.2.2. Component Summary

-  [\[CreateUnit\] Create comment](#)
-  [\[InputCollectorUnit\] Input Port](#)

7.3.2.3. Incoming Flow Summary

→ [Save](#) from [Comments](#) / [EntryUnit] [Add comment](#) to [CreateUnit] [Create comment](#)

7.3.2.4. Outgoing Flow Summary

→ [OKFlow21](#) from [InputCollectorUnit] [Input Port](#) to [Comments](#) / [EntryUnit] [Add comment](#)
 → [OKFlow31](#) from [CreateUnit] [Create comment](#) to [Comments](#)

7.3.3. Details Section

[CreateUnit] Create comment

General properties				
Name		Create comment		
Entity		Comment		
Incoming Parameter			Outgoing Parameter	
Comment	Comment Comments / [EntryUnit] Add comment.	→ Save	Comment None	
Comment Object	None			
Insert Time	Current/InputTimestamp Comments / [TimeUnit] Time.	…⇒ Flow33	Insert Time None	
Post.oid(CommentToPost)	Postkey [InputCollectorUnit] Input Port.	→ OKFlow21 → Save	oid None	
User.oid(CommentToUser)	UserCtxParam.oid Comments / [GetUnit] Get user.	…⇒ Flow28		
oid	None			

→ [InputCollectorUnit] Input Port

Incoming Parameter		Outgoing Parameter		
Post key	None	Post key	Post.oid(CommentToPost) [CreateUnit] Create comment.	→ OKFlow21 → Save
			RoleCondition21[oid] Comments / [PowerIndexUnit] Comments list.	→ OKFlow21 …⇒ Flow41

SubUnit List

→ [InputCollectorUnit] Input Port / Post key

General properties	
Name	Post key

7.3.3.1. Outgoing Link List

→ [InputCollectorUnit] Input Port / → [OKFlow21](#)

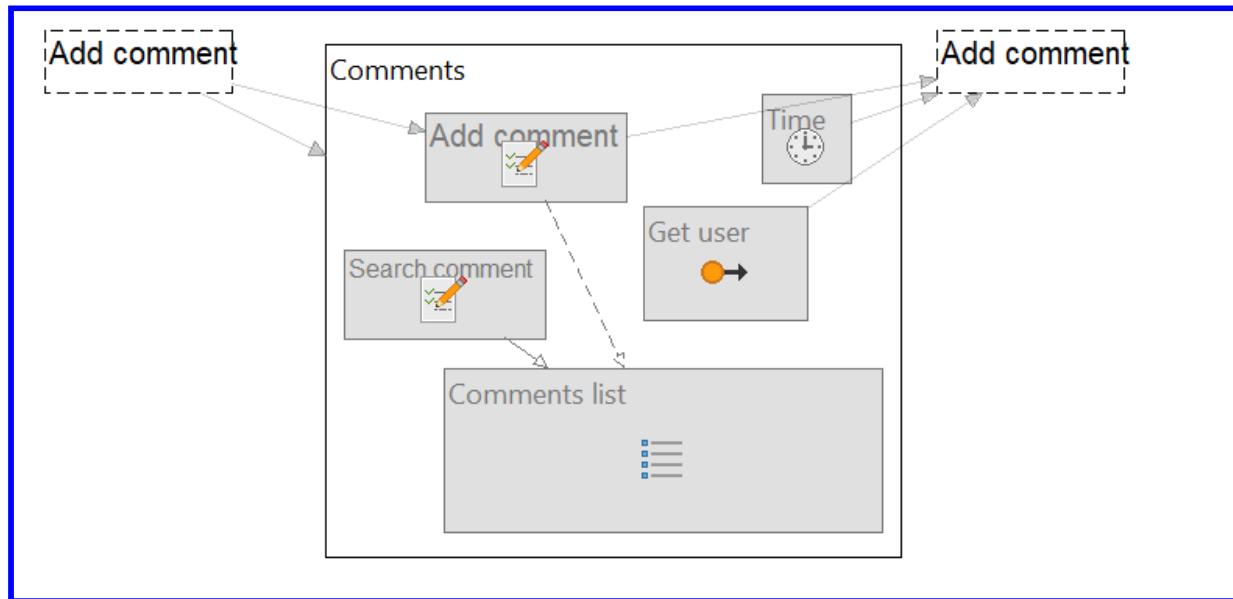
General properties	
Name	OKFlow21
Source	→ [InputCollectorUnit] Input Port
Target	Add comment

➕ [CreateUnit] Create comment / ➔ OKFlow31

General properties	
Name	OKFlow31
Source	➕ [CreateUnit] Create comment
Target	Comments
Automatic Binding	true

7.4. [Page] Comments

Project / Module Definitions / Add comment / Comments



7.4.1. Property Section

General properties	
Name	Comments
URL Fragment	Value

7.4.2. Summary Section

7.4.2.1. Component Summary



7.4.2.2. Incoming Flow Summary

→ OKFlow21
→ OKFlow31

from 📄 [Add comment] / ➔ [InputCollectorUnit] Input Port
from 📄 [Add comment] / ➔ [CreateUnit] Create comment

to ✅ [EntryUnit] Add comment
to 📄 Comments

7.4.2.3. Outgoing Flow Summary

→ Save

from ✅ [EntryUnit] Add comment

to 📄 [Add comment] / ➔ [CreateUnit] Create comment

7.4.2.4. Internal Flow Summary

→ Search

from ✅ [EntryUnit] Search comment

to 📄 [PowerIndexUnit] Comments list

7.4.3. Details Section

[EntryUnit] Add comment

General properties	
Name	Add comment
Flow Order	→ Save
Outgoing Parameter	
Comment	Comment Add comment / [CreateUnit] Create comment. → Save

SubUnit List

[EntryUnit] [Add comment](#) / Comment

General properties	
Name	Comment
Type	text

ValidationRule List

[EntryUnit] [Add comment](#) / Comment / Mandatory field

General properties	
Name	Mandatory field
Predicate	

[PowerIndexUnit] Comments list

General properties	
Name	Comments list
Entity	Comment
Display Attributes	Insert Time Username Comment
Sort Attributes	Insert Time ascending
Incoming Parameter	
Block Factor	None
Block Index	None
Block Window	None
Max Results	None
RoleCondition21 [oid]	Postkey Add comment / [InputCollectorUnit] Input Port. → OKFlow21 → Flow41
Search	Search [EntryUnit] Search comment. → Search
current oid	None
Outgoing Parameter	
Comment	None
Comment ToPost.oid	None
Comment ToUser.oid	None
Insert Time	None
Username	None
oid	None
oid (block)	None

SubUnit List

[PowerIndexUnit] [Comments list](#) / Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

[PowerIndexUnit] [Comments list](#) / Conditional Expression / RoleCondition21

General properties

Name	RoleCondition21
Role	R PostToComment
Predicate	In
Required	True

[PowerIndexUnit] Comments list / [Conditional Expression] Search

General properties

Name	Search
Attributes	@ Comment @ Username
Predicate	Contains
Ignore Case	true
Boolean Operator	Or
Required	False

→ [GetUnit] Get user

General properties

Name	Get user
Context Parameters	UserCtxParam
Outgoing Parameter	
UserCtxParam.oid	User.oid(CommentToUser) Add comment / [CreateUnit] Create comment.

✓ [EntryUnit] Search comment

General properties

Name	Search comment
Flow Order	→ Search
Outgoing Parameter	
Search	Search [PowerIndexUnit] Comments list.

SubUnit List

✓ [EntryUnit] Search comment / Search

General properties

Name	Search
Type	string

⌚ [TimeUnit] Time

General properties

Name	Time
Incoming Parameter	Outgoing Parameter
Input Date	None
Input Time	None

Current/Input
Timestamp

Add comment /
[CreateUnit] Create
comment.

Flow33

7.4.3.1. Outgoing Link List

→ [GetUnit] Get user / Flow28

General properties	
Name	Flow28
Source	[GetUnit] Get user
Target	Create comment
Type	transport
Automatic Binding	true
Validate	true

[TimeUnit] [Time](#) / Flow33

General properties	
Name	Flow33
Source	[TimeUnit] Time
Target	Create comment
Type	transport
Validate	true

[\[EntryUnit\] Add comment](#) / Save

General properties	
Name	Save
Source	[EntryUnit] Add comment
Target	Create comment
Type	normal
Validate	true

7.4.3.2. Internal Link List

[\[EntryUnit\] Add comment](#) / Flow41

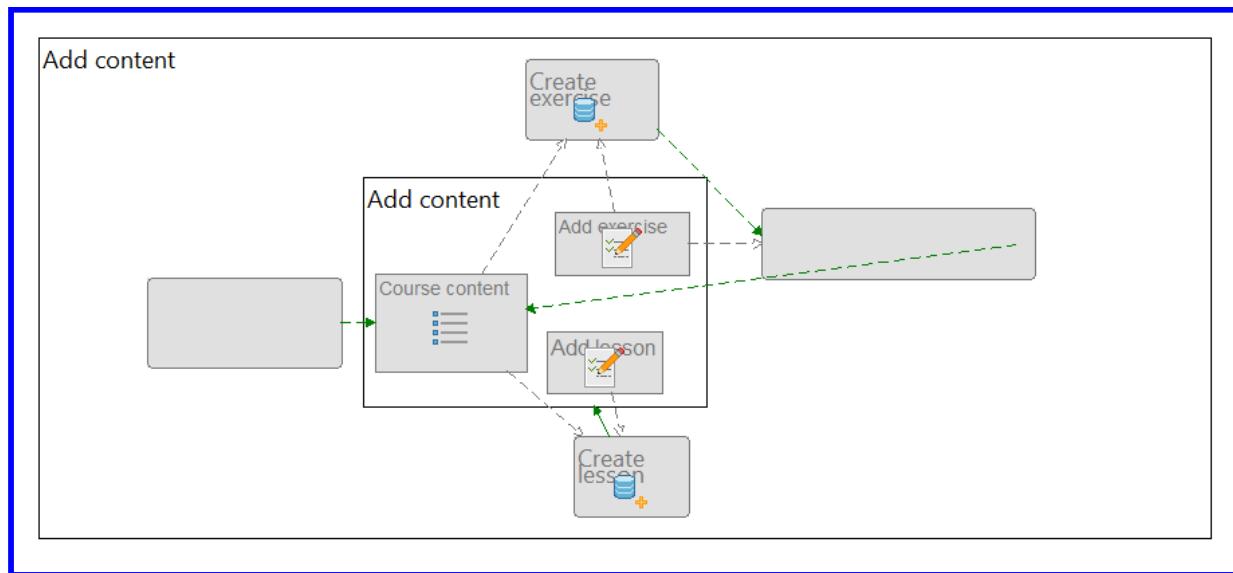
General properties	
Name	Flow41
Source	[EntryUnit] Add comment
Target	Comments list
Type	transport
Validate	true

[\[EntryUnit\] Search comment](#) / Search

General properties	
Name	Search
Source	[EntryUnit] Search comment
Target	Comments list
Type	normal
Validate	true

7.5. [HybridModule] Add content

[Project](#) / [Module Definitions](#) / [Add content](#)



7.5.1. Property Section

General properties

Name	Add content
------	-------------

7.5.2. Summary Section

7.5.2.1. Page Summary

[Add content](#)

7.5.2.2. Component Summary

- [ModuleInstanceUnit] [Add options and solution](#)
- [CreateUnit] [Create exercise](#)
- [CreateUnit] [Create lesson](#)
- [InputCollectorUnit] [Input Port](#)

7.5.2.3. Incoming Flow Summary

- | | | |
|------------------------|--|--|
| → Save | from Add content / [EntryUnit] Add exercise | to [CreateUnit] Create exercise |
| → Save | from Add content / [EntryUnit] Add lesson | to [CreateUnit] Create lesson |

7.5.2.4. Outgoing Flow Summary

- | | | |
|----------------------------|---|---|
| → OKFlow50 | from [InputCollectorUnit] Input Port | to Add content / [PowerIndexUnit] Course content |
| → OKFlow56 | from [CreateUnit] Create lesson | to Add content |
| → OKFlow63 | from [ModuleInstanceUnit] Add options and solution | to Add content / [PowerIndexUnit] Course content |

7.5.2.5. Internal Flow Summary

- | | | |
|----------------------------|--|---|
| → OKFlow58 | from [CreateUnit] Create exercise | to [ModuleInstanceUnit] Add options and solution |
|----------------------------|--|---|

7.5.3. Details Section

[ModuleInstanceUnit] Add options and solution

General properties

Module	Add options and solution
--------	--

Incoming Parameter

Exercise key	oid [CreateUnit] Create exercise.	→ OKFlow58
Name	Name Add content / [EntryUnit] Add exercise.	… Flow135
Question	Question Add content / [EntryUnit] Add exercise.	… Flow135

➕ [CreateUnit] Create exercise

General properties			
Name	Create exercise		
Entity	Exercise		
Incoming Parameter		Outgoing Parameter	
Course.oid (ContentToCourse)	Coursekey [InputCollectorUnit] Input Port.	→ OKFlow50 → Flow127	
Description	Question Add content / [EntryUnit] Add exercise.	→ Save	
Exercise Object	None		
Name	Name Add content / [EntryUnit] Add exercise.	→ Save	
Option.oid (ExerciseToOptions)	None		
Order	Displayorder Add content / [EntryUnit] Add exercise.	→ Save	
Solution	Nosolution	→ Save	
oid	None		

➕ [CreateUnit] Create lesson

General properties			
Name	Create lesson		
Entity	Lesson		
Incoming Parameter		Outgoing Parameter	
Course.oid (ContentToCourse)	Coursekey [InputCollectorUnit] Input Port.	→ OKFlow50 → Flow126	
Description	Description Add content / [EntryUnit] Add lesson.	→ Save	
Lesson Object	None		
Name	Name Add content / [EntryUnit] Add lesson.	→ Save	
Order	Displayorder Add content / [EntryUnit] Add lesson.	→ Save	
Video	Video Add content / [EntryUnit] Add lesson.	→ Save	
Video [file name]	Video Add content / [EntryUnit] Add lesson.	→ Save	
oid	None		

→ [InputCollectorUnit] Input Port

Incoming Parameter		Outgoing Parameter	
Course key	None	Course key	Course.oid(ContentToCourse) [CreateUnit] Create exercise. Course.oid(ContentToCourse) [CreateUnit] Create lesson. RoleCondition2[oid] Add content / [PowerIndexUnit] Course content.
			→ OKFlow50 → Flow127
			→ OKFlow50 → Flow126
			→ OKFlow50

SubUnit List

→ [\[InputCollectorUnit\] Input Port](#) / Course key

General properties	
Name	Course key

7.5.3.1. Outgoing Link List

→ [\[InputCollectorUnit\] Input Port](#) / → [OKFlow50](#)

General properties	
Name	OKFlow50
Source	→ [InputCollectorUnit] Input Port
Target	Course content

[\[CreateUnit\] Create lesson](#) / → [OKFlow56](#)

General properties	
Name	OKFlow56
Source	[CreateUnit] Create lesson
Target	Add content
Automatic Binding	true

[\[ModuleInstanceUnit\] Add options and solution](#) / → [OKFlow63](#)

General properties	
Name	OKFlow63
Source	[ModuleInstanceUnit] Add options and solution
Target	Course content
Automatic Binding	true

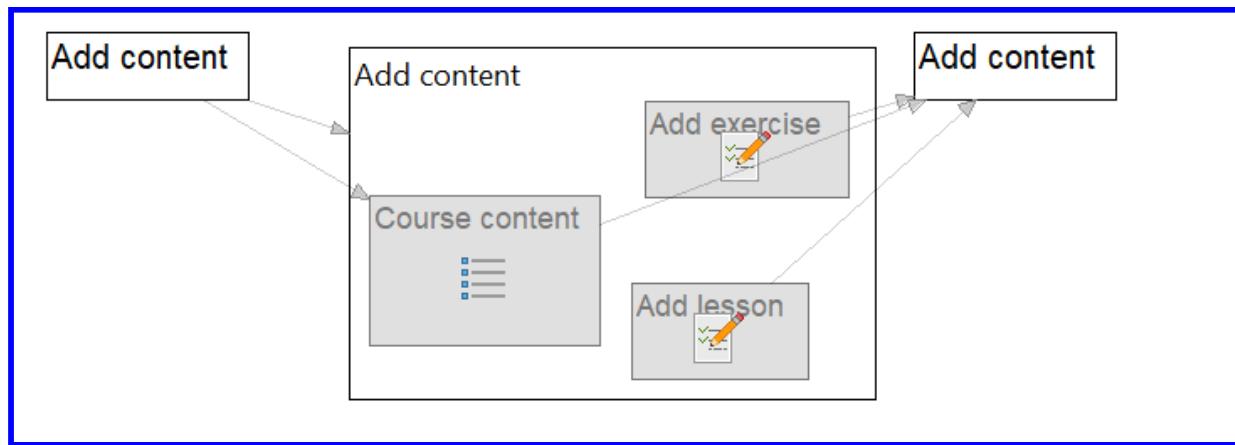
7.5.3.2. Internal Link List

[\[CreateUnit\] Create exercise](#) / → [OKFlow58](#)

General properties	
Name	OKFlow58
Source	[CreateUnit] Create exercise
Target	Add options and solution

7.6. [Page] Add content

[Project](#) / [Module Definitions](#) / [Add content](#) / [Add content](#)



7.6.1. Property Section

General properties	
Name	Add content
URL Fragment	Value

7.6.2. Summary Section

7.6.2.1. Component Summary

- [EntryUnit] [Add exercise](#)
- [EntryUnit] [Add lesson](#)
- [PowerIndexUnit] [Course content](#)

7.6.2.2. Incoming Flow Summary

→ OKFlow50	from Add content / [InputCollectorUnit] Input Port	to [PowerIndexUnit] Course content
→ OKFlow56	from Add content / [CreateUnit] Create lesson	to Add content
→ OKFlow63	from Add content / [ModuleInstanceUnit] Add options and solution	to [PowerIndexUnit] Course content

7.6.2.3. Outgoing Flow Summary

→ Save	from [EntryUnit] Add exercise	to Add content / [CreateUnit] Create exercise
→ Save	from [EntryUnit] Add lesson	to Add content / [CreateUnit] Create lesson

7.6.3. Details Section

[EntryUnit] Add exercise

General properties		
Name	Add exercise	
Flow Order	→ Save	
Outgoing Parameter		
Display order	Order Add content / [CreateUnit] Create exercise.	→ Save
Name	Name Add content / [CreateUnit] Create exercise.	→ Save
	Name Add content / [ModuleInstanceUnit] Add options and solution.	→ Flow135
Question	Description Add content / [CreateUnit] Create exercise.	→ Save
	Question Add content / [ModuleInstanceUnit] Add options and solution.	→ Flow135

SubUnit List

- [EntryUnit] [Add exercise](#) / Name

General properties	
Name	Name
Type	string

[EntryUnit] Add exercise / Question

General properties	
Name	Question
Type	text

[EntryUnit] Add exercise / Display order

General properties	
Name	Display order
Type	string

ValidationRule List

[EntryUnit] Add exercise / Name / mandatory field

General properties	
--------------------	--

Name	mandatory field
------	-----------------

Predicate	
-----------	--

[EntryUnit] Add exercise / Question / mandatory field

General properties	
--------------------	--

Name	mandatory field
------	-----------------

Predicate	
-----------	--

[EntryUnit] Add exercise / Display order / mandatory field

General properties	
--------------------	--

Name	mandatory field
------	-----------------

Predicate	
-----------	--

[EntryUnit] Add exercise / Display order / Type Validation1

General properties	
--------------------	--

Name	Type Validation1
------	------------------

Type	integer
------	---------

[EntryUnit] Add lesson

General properties	
--------------------	--

Name	Add lesson
------	------------

Flow Order	→ Save
------------	------------------------

Outgoing Parameter

Description	Description Add content / [CreateUnit] Create lesson.	→ Save
-------------	--	------------------------

Display order	Order Add content / [CreateUnit] Create lesson.	→ Save
---------------	--	------------------------

Name	Name Add content / [CreateUnit] Create lesson.	→ Save
------	---	------------------------

Video	Video Add content / [CreateUnit] Create lesson.	→ Save
-------	--	------------------------

Video[filename]	Video[filename] Add content / [CreateUnit] Create lesson.	→ Save
-----------------	--	------------------------

SubUnit List

[EntryUnit] Add lesson / Name

General properties	
--------------------	--

Name	Name
------	------

Type	string
------	--------

[EntryUnit] Add lesson / Description

General properties

Name	Description
Type	text

[EntryUnit] Add lesson / Video

General properties

Name	Video
Type	blob

[EntryUnit] Add lesson / Display order

General properties

Name	Display order
Type	string

ValidationRule List

[EntryUnit] Add lesson / Name / mandatory field

General properties

Name	mandatory field
Predicate	

[EntryUnit] Add lesson / Description / mandatory field

General properties

Name	mandatory field
Predicate	

[EntryUnit] Add lesson / Video / mandatory field

General properties

Name	mandatory field
Predicate	

[EntryUnit] Add lesson / Display order / mandatory field

General properties

Name	mandatory field
Predicate	

[EntryUnit] Add lesson / Display order / Type Validation1

General properties

Name	Type Validation1
Type	integer

[PowerIndexUnit] Course content

General properties

Name	Course content
Entity	Content
Display Attributes	@ Order @ Name @ Description
Sort Attributes	@ Order ascending

Incoming Parameter	
Block Factor	None
Block Index	None
Block Window	None
Max Results	None
RoleCondition2 [oid]	Coursekey [InputCollectorUnit] Input Port.
current oid	None

SubUnit List

[PowerIndexUnit] Course content /

General properties	
Default Policy	Fill
Boolean Operator	And

[PowerIndexUnit] Course content / RoleCondition2

General properties	
Name	RoleCondition2
Role	CourseToContent
Predicate	In
Required	True

7.6.3.1. Outgoing Link List

[PowerIndexUnit] Course content / Flow126

General properties	
Name	Flow126
Source	[PowerIndexUnit] Course content
Target	
Type	transport
Validate	true

[PowerIndexUnit] Course content / Flow127

General properties	
Name	Flow127
Source	[PowerIndexUnit] Course content
Target	
Type	transport
Validate	true

[EntryUnit] Add exercise / Flow135

General properties	
Name	Flow135
Source	[EntryUnit] Add exercise
Target	
Type	transport
Validate	true

[EntryUnit] Add exercise / → Save

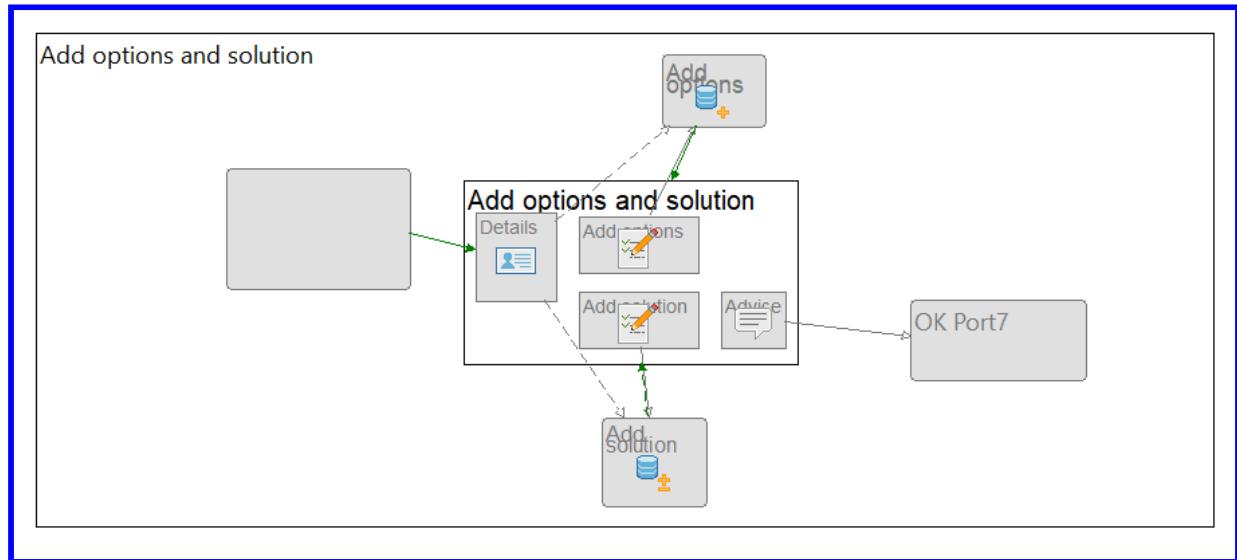
General properties	
Name	Save
Source	[EntryUnit] Add exercise
Target	+ Create exercise
Type	normal
Validate	true

[EntryUnit] Add lesson / → Save

General properties	
Name	Save
Source	[EntryUnit] Add lesson
Target	+ Create lesson
Type	normal
Validate	true

7.7. [HybridModule] Add options and solution

Project / Module Definitions / Add options and solution



7.7.1. Property Section

General properties	
Name	Add options and solution

7.7.2. Summary Section

7.7.2.1. Page Summary

[Add options and solution](#)

7.7.2.2. Component Summary

- + [CreateUnit] [Add options](#)
- + [ModifyUnit] [Add solution](#)
- [InputCollectorUnit] [Input Port](#)
- [OKCollectorUnit] [OK Port7](#)

7.7.2.3. Incoming Flow Summary

- [Add](#) from [Add options and solution](#) / [EntryUnit] [Add options](#) to [CreateUnit] [Add options](#)
- [Add](#) from [Add options and solution](#) / [EntryUnit] [Add solution](#) to [ModifyUnit] [Add solution](#)
- [Finish](#) from [Add options and solution](#) / [MultiMessageUnit] to [OKCollectorUnit] [OK Port7 Advice](#)

7.7.2.4. Outgoing Flow Summary

- [OKFlow60](#) from [InputCollectorUnit] [Input Port](#) to [Add options and solution](#) / [DataUnit] [Details](#)
- [OKFlow61](#) from [CreateUnit] [Add options](#) to [Add options and solution](#)
- [OKFlow62](#) from [ModifyUnit] [Add solution](#) to [Add options and solution](#)

7.7.3. Details Section

[CreateUnit] Add options

General properties			
Name	Add options		
Entity	Option		
Incoming Parameter			Outgoing Parameter
Exercise.oid(OptionsToExercise)	Exercisekey [InputCollectorUnit] Input Port .	→ OKFlow60 → Flow140	Option None
Option	Option Add options and solution / [EntryUnit] Add options.	→ Add	
Option Object	None		
oid	None		

[ModifyUnit] Add solution

General properties			
Name	Add solution		
Entity	Exercise		
Incoming Parameter			
Course.oid(ContentToCourse)	None		
Description	None		
Exercise Object	None		
KeyCondition32 [oid]	Exercisekey [InputCollectorUnit] Input Port .	→ OKFlow60 → Flow141	
Name	None		
Option.oid(ExerciseToOptions)	None		
Order	None		
Solution	Solution Add options and solution / [EntryUnit] Add solution.	→ Add	

SubUnit List

[ModifyUnit] [Add solution](#) / Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

⊕ [ModifyUnit] [Add solution](#) / ⊕ [Conditional Expression] [KeyCondition32](#)

General properties	
Name	KeyCondition32
Predicate	In
Required	True

→ [InputCollectorUnit] Input Port

Incoming Parameter		Outgoing Parameter	
Exercise key	None	Exercise key	Exercise.oid(OptionsToExercise) → OKFlow60 → Flow140 ⊕ [CreateUnit] Add options .
Name	None		KeyCondition24[oid] Add options and solution / [DataUnit] Details . → OKFlow60
Question	None		KeyCondition32[oid] ⊕ [ModifyUnit] Add solution . → OKFlow60 → Flow141
		Name	None
		Question	None

SubUnit List

→ [InputCollectorUnit] [Input Port](#) / ⊕ Exercise key

General properties	
Name	Exercise key

→ [InputCollectorUnit] [Input Port](#) / ⊕ Name

General properties	
Name	Name

→ [InputCollectorUnit] [Input Port](#) / ⊕ Question

General properties	
Name	Question

→ [OKCollectorUnit] OK Port7

General properties	
Name	OK Port7

7.3.1. Outgoing Link List

→ [InputCollectorUnit] [Input Port](#) / → OKFlow60

General properties	
Name	OKFlow60
Source	→ [InputCollectorUnit] Input Port
Target	Details

⊕ [CreateUnit] [Add options](#) / → OKFlow61

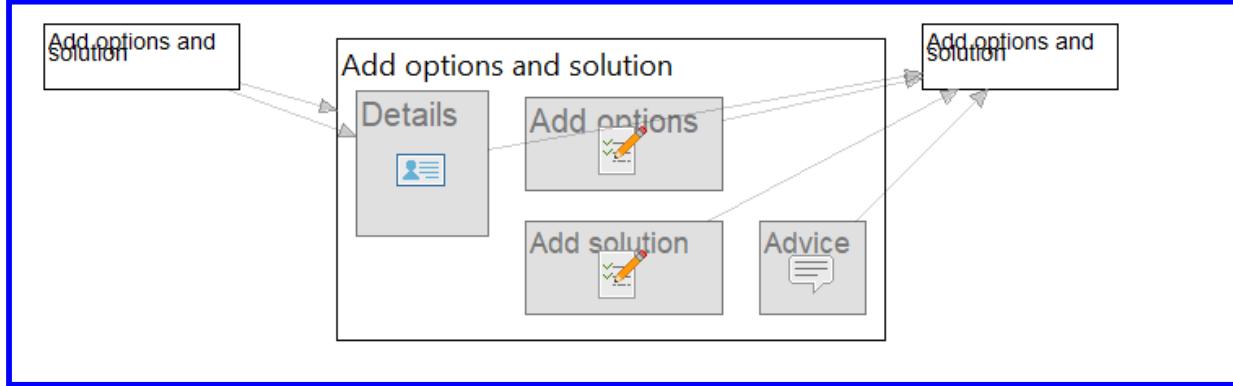
General properties	
Name	OKFlow61
Source	[CreateUnit] Add options
Target	Add options and solution
Automatic Binding	true

[ModifyUnit] [Add solution](#) / → OKFlow62

General properties	
Name	OKFlow62
Source	[ModifyUnit] Add solution
Target	Add options and solution

7.8. [Page] Add options and solution

[Project](#) / [Module Definitions](#) / [Add options and solution](#) / [Add options and solution](#)



7.8.1. Property Section

General properties	
Name	Add options and solution
URL Fragment	Value

7.8.2. Summary Section

7.8.2.1. ConditionExpression Summary

[ActivationExpression 9](#)

7.8.2.2. Component Summary

- [EntryUnit] [Add options](#)
- [EntryUnit] [Add solution](#)
- [MultiMessageUnit] [Advice](#)
- [DataUnit] [Details](#)

7.8.2.3. Variable Summary

[var9](#)

7.8.2.4. Incoming Flow Summary

→ [OKFlow60](#)

from [Add options and solution](#) / → [InputCollectorUnit]
Input Port to [DataUnit] [Details](#)

→ [OKFlow61](#)

from [Add options and solution](#) / [CreateUnit] [Add options](#) to [Add options and solution](#)

[→ OKFlow62](#)from [EntryUnit] [Add solution](#)to [ModifyUnit] [Add solution](#)

7.8.2.5. Outgoing Flow Summary

[→ Add](#)from [EntryUnit] [Add solution](#)to [ModifyUnit] [Add solution](#)[→ Add](#)from [EntryUnit] [Add options](#)to [CreateUnit] [Add options](#)[→ Finish](#)from [MultiMessageUnit] [Advice](#)to [OKCollectorUnit] [OK Port7](#)

7.8.3. Details Section

7.8.3.1. ConditionExpression List

ActivationExpression 9

General properties	
Name	ActivationExpression 9

[EntryUnit] Add options

General properties	
Name	Add options
Flow Order	→ Add
Outgoing Parameter	
Option	Option Add options and solution / [CreateUnit] Add options . → Add

SubUnit List

[EntryUnit] Add options / Option

General properties	
Name	Option
Type	string

ValidationRule List

[EntryUnit] Add options / Option / mandatory field

General properties	
Name	mandatory field
Predicate	

[EntryUnit] Add solution

General properties	
Name	Add solution
Flow Order	→ Add
Outgoing Parameter	
Solution	Solution Add options and solution / [ModifyUnit] Add solution . → Add

SubUnit List

[EntryUnit] Add solution / Solution

General properties	
Name	Solution
Type	string

ValidationRule List

[EntryUnit] Add solution / Solution / Mandatory field

General properties	
Name	Mandatory field
Predicate	

[MultiMessageUnit] Advice

General properties	
Name	Advice
Message Text	If you have finished, click on 'Finish'.
Flow Order	→ Finish
Incoming Parameter	
Shown Messages	None

[DataUnit] Details

General properties															
Name	Details														
Entity	Exercise														
Display Attributes	Name Description														
Incoming Parameter															
KeyCondition24 [oid]	Exercisekey Add options and solution / → [InputCollectorUnit] Input Port.														
Outgoing Parameter															
<table border="1"> <tr> <td>ContentTo</td><td>None</td></tr> <tr> <td>Course.oid</td><td></td></tr> <tr> <td>Description</td><td>None</td></tr> <tr> <td>Name</td><td>None</td></tr> <tr> <td>Order</td><td>None</td></tr> <tr> <td>Solution</td><td>None</td></tr> <tr> <td>oid</td><td>None</td></tr> </table>		ContentTo	None	Course.oid		Description	None	Name	None	Order	None	Solution	None	oid	None
ContentTo	None														
Course.oid															
Description	None														
Name	None														
Order	None														
Solution	None														
oid	None														

SubUnit List

[DataUnit] Details / Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

[DataUnit] Details / Conditional Expression / KeyCondition24

General properties	
Name	KeyCondition24
Predicate	In
Required	True

7.8.3.2. Variable List

var9

General properties	
Name	var9
Type	integer
Value	0

Incoming Parameter	
1	→ OKFlow62

7.8.3.3. Outgoing Link List

[EntryUnit] Add solution / → Add

General properties	
Name	Add
Source	[EntryUnit] Add solution
Target	Add solution
Type	normal
Validate	true

[EntryUnit] Add options / → Add

General properties	
Name	Add
Source	[EntryUnit] Add options
Target	Add options
Type	normal
Validate	true

[MultiMessageUnit] Advice / → Finish

General properties	
Name	Finish
Source	[MultiMessageUnit] Advice
Target	OK Port7
Type	normal
Automatic Binding	true
Validate	true

[DataUnit] Details / → Flow140

General properties	
Name	Flow140
Source	[DataUnit] Details
Target	Add options
Type	transport
Validate	true

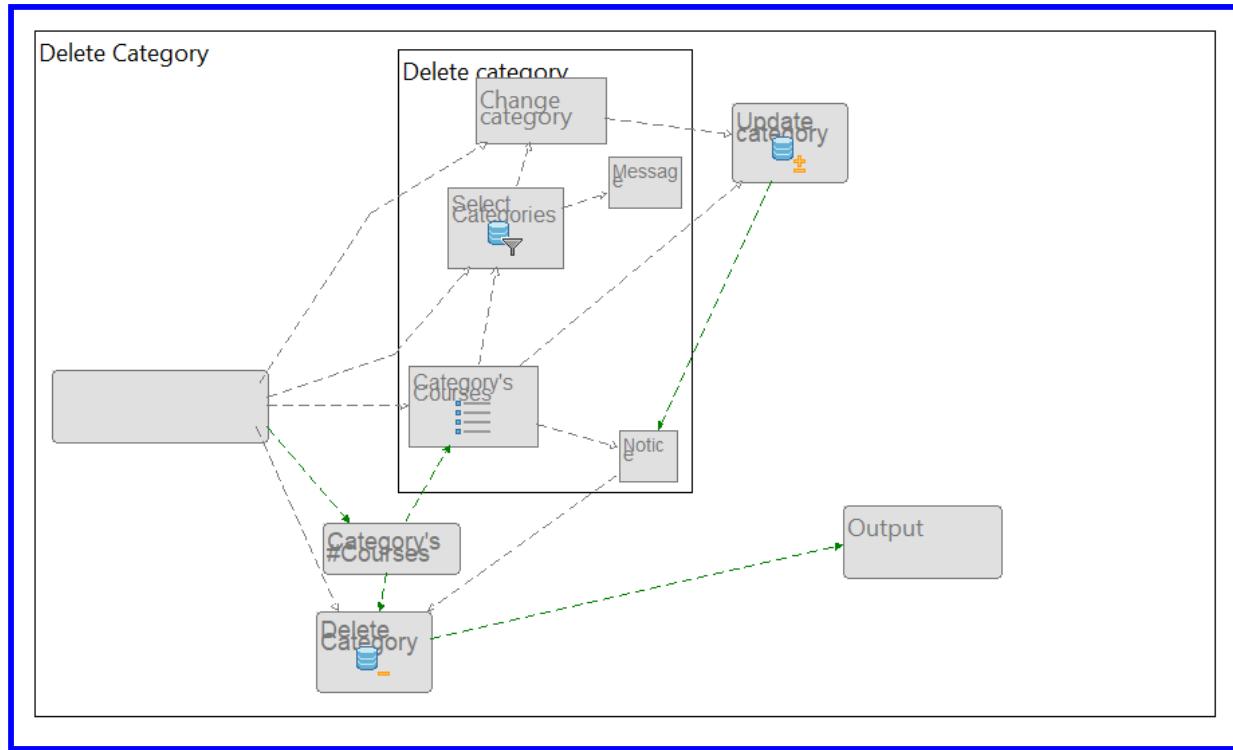
[DataUnit] Details / → Flow141

General properties	
Name	Flow141
Source	[DataUnit] Details
Target	Add solution
Type	transport
Validate	true

7.9. [HybridModule] Delete Category

Project / Module Definitions / Delete Category

Hybrid Module that implements the actions required to delete a Category.



7.9.1. Property Section

General properties		Appearance	
Name	Delete Category	Icon	ModulesIcons/Delete.png

7.9.2. Summary Section

7.9.2.1. Page Summary

[Delete category](#)

7.9.2.2. Component Summary

- [SwitchUnit] [Category's #Courses](#)
- [DeleteUnit] [Delete Category](#)
- + [InputCollectorUnit] [Input Port](#)
- + [OKCollectorUnit] [Output](#)
- [ModifyUnit] [Update category](#)

7.9.2.3. Incoming Flow Summary

- | | | |
|-----------------------------------|---|--|
| → Delete category | from Delete category / [MultiMessageUnit] Notice | to [DeleteUnit] Delete Category |
| → Save | from Delete category / [EntryUnit] Change category | to [ModifyUnit] Update category |

7.9.2.4. Outgoing Flow Summary

- | | | |
|----------------------------|--|---|
| → OKFlow30 | from [SwitchUnit] Category's #Courses | to Delete category / [PowerIndexUnit] Category's Courses |
| → OKFlow37 | from [ModifyUnit] Update category | to Delete category / [MultiMessageUnit] Notice |

7.9.2.5. Internal Flow Summary



7.9.3. Details Section

↳ [SwitchUnit] Category's #Courses

General properties				
Name	Category's #Courses			
Case Values	0			
Incoming Parameter		Outgoing Parameter		
Switch	Category's#Courses → [InputCollectorUnit] Input Port.	→ OKLink208	Switch	None

↳ [DeleteUnit] Delete Category

General properties				
Name	Delete Category			
Entity	Category			
Incoming Parameter		Outgoing Parameter		
Category [oid]	CategoryKey → [InputCollectorUnit] Input Port.	→ Link228		... → Flow50 → Flow66 → Delete category
	CategoryKey → [InputCollectorUnit] Input Port.	... → Flow50 → Flow66 → Delete category		

SubUnit List

↳ [DeleteUnit] Delete Category / ↳ Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

↳ [DeleteUnit] Delete Category / ↳ Conditional Expression / ↳ Category

General properties	
Name	Category
Predicate	In
Required	True

→ [InputCollectorUnit] Input Port

Incoming Parameter		Outgoing Parameter	
Category Key	None	Category Key	Category[oid(notin)] Delete category / [SelectorUnit] Select Categories.
Category's #Courses		Category[oid] [DeleteUnit] Delete Category.	...> Link228
		Category[oid] [DeleteUnit] Delete Category.	...> Flow50 ...> Flow66 → Delete category
		Category[oid] Delete category / [PowerIndexUnit] Category's Courses.	...> Flow50
		KeyCondition[oid] Delete category / [EntryUnit] Change category.	...> Link231
		Category's #Courses	Switch [SwitchUnit] Category's #Courses.
			→ OKLink208

SubUnit List

→ [InputCollectorUnit] [Input Port](#) / Category Key

General properties	
Name	Category Key

→ [InputCollectorUnit] [Input Port](#) / Category's #Courses

General properties	
Name	Category's #Courses

→ [OKCollectorUnit] Output

General properties	
Name	Output

→ [ModifyUnit] Update category

General properties	
Name	Update category
Entity	Course

Incoming Parameter		Outgoing Parameter	
Category.oid(CourseToCategory)	Category Delete category / [EntryUnit] Change category .	→ Save	oid
Content.oid(CourseToContent)	None		None
Course Object	None		
Course followed.oid(CourseToCoursesFollowed)	None		
Feedback.oid(CourseToFeedback)	None		
Forum.oid(CourseToForum)	None		
KeyCondition4 [oid]	oid Delete category / [PowerIndexUnit] Category's Courses .	→ Flow21	
Name	None		
Private message.oid(CourseToPrivateMessage)	None		
User.oid(CourseToUser)	None		
description	None		

SubUnit List

[\[ModifyUnit\] Update category](#) / Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

[\[ModifyUnit\] Update category](#) / Conditional Expression / KeyCondition4

General properties	
Name	KeyCondition4
Predicate	In
Required	True

7.9.3.1. Outgoing Link List

→ [\[InputCollectorUnit\] Input Port](#) / → [Flow50](#)

General properties	
Name	Flow50
Source	[InputCollectorUnit] Input Port
Target	Category's Courses
Type	transport
Validate	true

[InputCollectorUnit] [Input Port](#) / Link230

General properties	
Name	Link230
Source	[InputCollectorUnit] Input Port
Target	Select Categories
Type	transport
Validate	true

[InputCollectorUnit] [Input Port](#) / Link231

General properties	
Name	Link231
Source	[InputCollectorUnit] Input Port
Target	Change category
Type	transport
Validate	true

[SwitchUnit] [Category's #Courses](#) / OKFlow30

General properties	
Name	OKFlow30
Source	[SwitchUnit] Category's #Courses
Target	Category's Courses

[ModifyUnit] [Update category](#) / OKFlow37

General properties	
Name	OKFlow37
Source	[ModifyUnit] Update category
Target	Notice

7.9.3.2. Internal Link List

[InputCollectorUnit] [Input Port](#) / Link228

General properties	
Name	Link228
Source	[InputCollectorUnit] Input Port
Target	Delete Category
Type	transport
Validate	true

« [SwitchUnit] Category's #Courses / → OKLink205

General properties	
Name	OKLink205
Source	« [SwitchUnit] Category's #Courses
Target	» Delete Category
Code	0

» Delete Category / → OKLink207

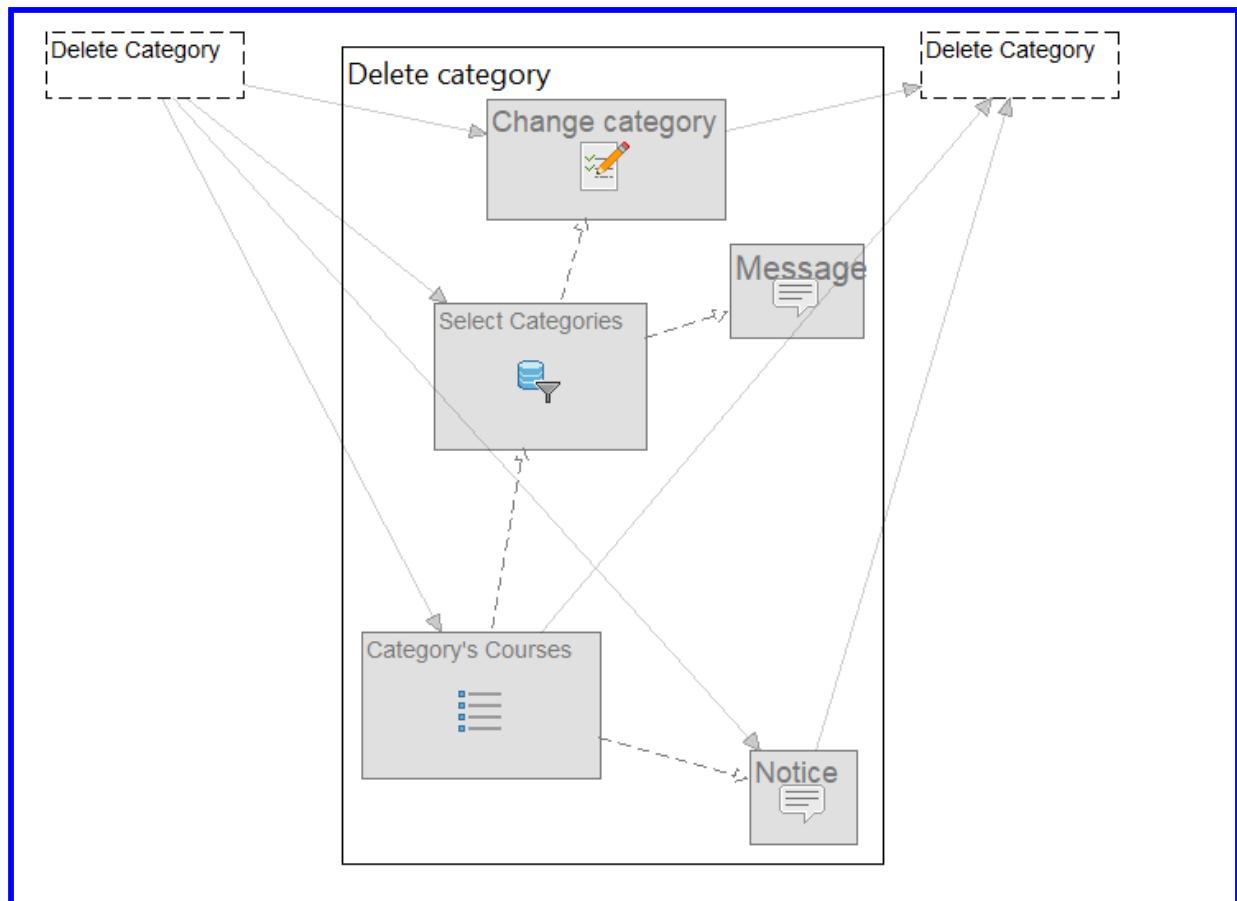
General properties	
Name	OKLink207
Source	» Delete Category
Target	» Output
Automatic Binding	true

→ [InputCollectorUnit] Input Port / → OKLink208

General properties	
Name	OKLink208
Source	→ [InputCollectorUnit] Input Port
Target	« Category's #Courses

7.10. [Page] Delete category

Project / Module Definitions / Delete Category / Delete category



7.10.1. Property Section

General properties	
Name	Delete category
URL Fragment	Value

7.10.2. Summary Section

7.10.2.1. ConditionExpression Summary

[ActivationExpression 2

[ActivationExpression 6

7.10.2.2. Component Summary

[[PowerIndexUnit] Category's Courses
[[EntryUnit] Change category
[[MultiMessageUnit] Message
[[MultiMessageUnit] Notice
[[SelectorUnit] Select Categories

7.10.2.3. Variable Summary

[var3

[var5

7.10.2.4. Incoming Flow Summary

→ OKFlow30	from [Delete Category / [[SwitchUnit] Category's Courses #Courses]	to [[PowerIndexUnit] Category's Courses
→ OKFlow37	from [Delete Category / [[ModifyUnit] Update category]	to [[MultiMessageUnit] Notice

7.10.2.5. Outgoing Flow Summary

→ Delete category	from [[MultiMessageUnit] Notice	to [Delete Category / [[DeleteUnit] Delete Category
→ Save	from [[EntryUnit] Change category	to [Delete Category / [[ModifyUnit] Update category]

7.10.2.6. Internal Flow Summary

→ Assign	from [[PowerIndexUnit] Category's Courses	to [[SelectorUnit] Select Categories
--------------------------	--	---------------------------------------

7.10.3. Details Section

7.10.3.1. ConditionExpression List

[ActivationExpression 2

General properties	
Name	ActivationExpression 2

[ActivationExpression 6

General properties	
Name	ActivationExpression 6

[[PowerIndexUnit] Category's Courses

General properties					
Name	Category's Courses				
Entity	Course				
Display Attributes	@ oid @ Name @ description				
Flow Order	→ Assign				
Incoming Parameter		Outgoing Parameter			
Block Factor	None				
Block Index	None				
Block Window	None				
Category [oid]	CategoryKey Delete Category / [InputCollectorUnit] Input Port.	Flow50 → Flow21			
Max Results	None				
current oid	None				

SubUnit List

[PowerIndexUnit] Category's Courses / Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

[PowerIndexUnit] Category's Courses / Conditional Expression / Category

General properties	
Name	Category
Role	CategoryToCourse
Predicate	In
Required	True

[EntryUnit] Change category

General properties	
Name	Change category
Entity	Category
Flow Order	→ Save
Incoming Parameter	
Category - Preselection	None
Category [label]	Category Select Categories.
Category [output]	oid Select Categories.
Key Condition [oid]	CategoryKey Delete Category / [InputCollectorUnit] Input Port.
Outgoing Parameter	
Category	Category.oid(CourseToCategory) Delete Category / [ModifyUnit] Update category. → Save
Category Object	None
Key [oid]	None

SubUnit List

[EntryUnit] Change category / Category

General properties

Name	Category
Type	string

ValidationRule List

[EntryUnit] Change category / Category / Mandatory field

General properties

Name	Mandatory field
Predicate	

✉ [MultiMessageUnit] Message

General properties

Name	Message
Message File	WEB-INF/descr/message5.template
Incoming Parameter	
Shown Messages	None
courseName	Name: [PowerIndexUnit] Category's Courses. → Assign → Flow86

✉ [MultiMessageUnit] Notice

General properties

Name	Notice
Message Text	These are the courses associated with the category you want to delete. Assign ALL of them to another category to proceed with the removal.
Flow Order	→ Delete category
Incoming Parameter	
Shown Messages	None

⬇ [SelectorUnit] Select Categories

General properties

Name	Select Categories
Entity	Category
Incoming Parameter	Outgoing Parameter
Category [oid (not in)]	CategoryKey Delete Category / → [InputCollectorUnit] Input Port.

Category	Category[label] [EntryUnit] Change category.
oid	Category[output] [EntryUnit] Change category.

SubUnit List

⬇ [SelectorUnit] Select Categories / Conditional Expression

General properties

Default Policy	Fill
Boolean Operator	And

⬇ [SelectorUnit] Select Categories / Conditional Expression / Category

General properties

Name	Category
Predicate	Not In
Required	True

7.10.3.2. Variable List

◆ var3

General properties	
Name	var3
Type	integer
Incoming Parameter	
1	→ Assign
0	→ OKFlow37

◆ var5

General properties	
Name	var5
Type	integer
Value	5
Incoming Parameter	
DataSize	[PowerIndexUnit] Category's Courses / → Flow21 → OKFlow37

7.10.3.3. Outgoing Link List

✉ [MultiMessageUnit] [Notice](#) / → Delete category

General properties	
Name	Delete category
Source	✉ [MultiMessageUnit] Notice
Target	⌚ Delete Category
Type	normal
Validate	true

☰ [PowerIndexUnit] [Category's Courses](#) / → [Flow21](#)

General properties	
Name	Flow21
Source	☰ [PowerIndexUnit] Category's Courses
Target	⌚ Update category
Type	transport
Validate	true

☒ [EntryUnit] [Change category](#) / → Save

General properties	
Name	Save
Source	☒ [EntryUnit] Change category
Target	⌚ Update category
Type	normal
Validate	true

7.10.3.4. Internal Link List

☰ [PowerIndexUnit] [Category's Courses](#) / → Assign

General properties	
Name	Assign
Source	[PowerIndexUnit] Category's Courses
Target	Select Categories
Type	normal
Validate	true

[PowerIndexUnit] Category's Courses / Flow66

General properties	
Name	Flow66
Source	[PowerIndexUnit] Category's Courses
Target	Notice
Type	transport
Validate	true

[SelectorUnit] Select Categories / Flow86

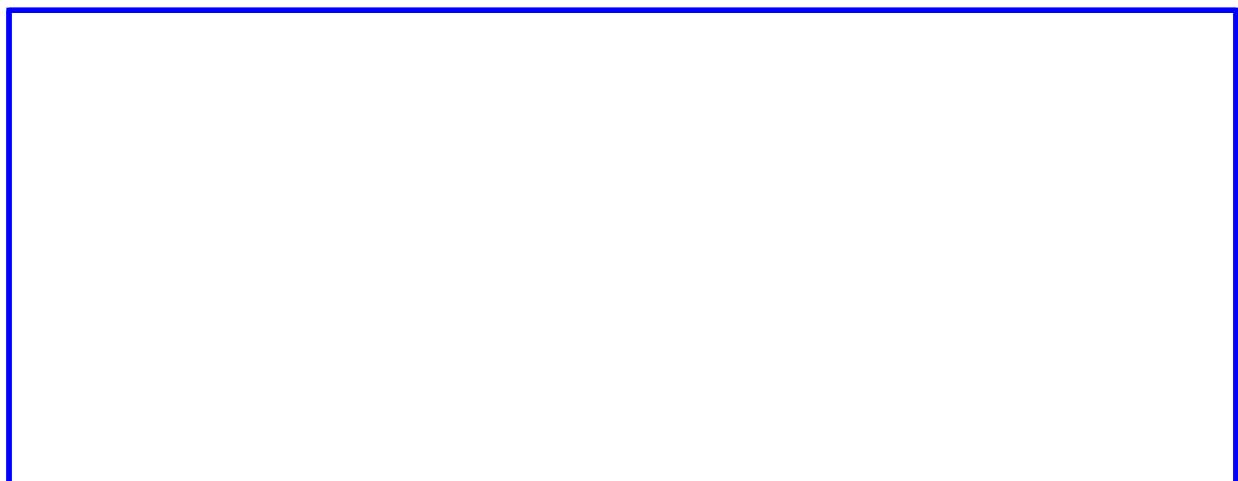
General properties	
Name	Flow86
Source	[SelectorUnit] Select Categories
Target	Message
Type	transport
Validate	true

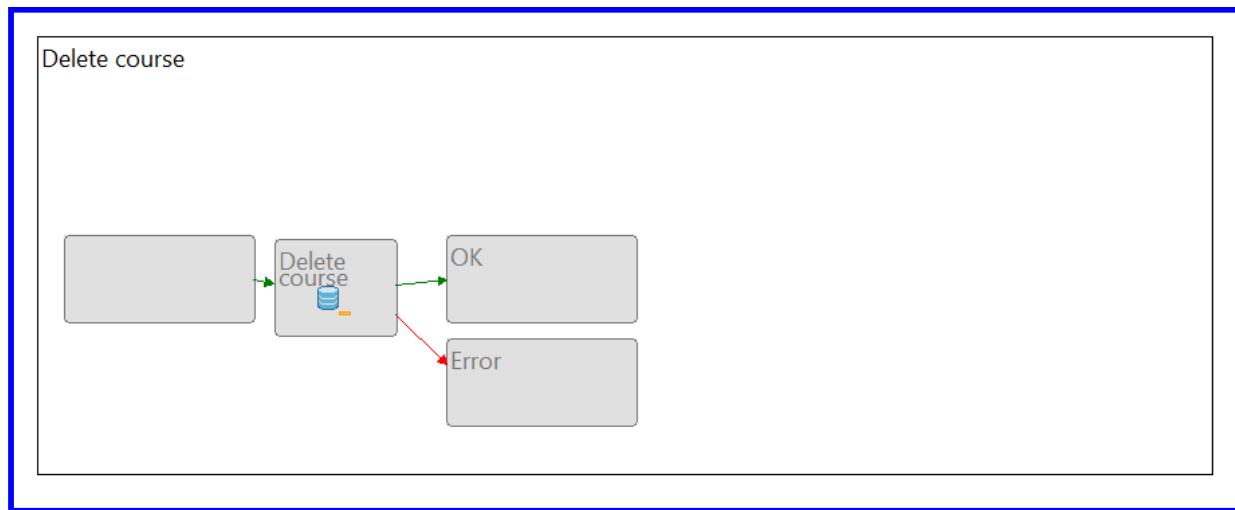
[SelectorUnit] Select Categories / Link233

General properties	
Name	Link233
Source	[SelectorUnit] Select Categories
Target	Change category
Type	transport
Validate	true

7.11. [OperationModule] Delete course

Project / Module Definitions / Delete course





7.11.1. Property Section

General properties	
Name	Delete course

7.11.2. Summary Section

7.11.2.1. Component Summary

- ⌚ [DeleteUnit] [Delete course](#)
- 🔴 [KOCollectorUnit] [Error](#)
- ↗ [InputCollectorUnit] [Input Port](#)
- 🟢 [OKCollectorUnit] [OK](#)

7.11.2.2. Internal Flow Summary



7.11.3. Details Section

⌚ [DeleteUnit] Delete course

General properties	
Name	Delete course
Entity	⌚ Course
Incoming Parameter	
KeyCondition22 [oid]	Coursekey ↗ [InputCollectorUnit] Input Port → OKFlow18

SubUnit List

⌚ [DeleteUnit] [Delete course](#) / ⌚ Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

⌚ [DeleteUnit] [Delete course](#) / ⌚ Conditional Expression / 🌐 KeyCondition22

General properties	
Name	KeyCondition22
Predicate	In
Required	True

☒ [KOCollectorUnit] Error

General properties

Name	Error
------	-------

→□ [InputCollectorUnit] Input Port

▢ Incoming Parameter		▢ Outgoing Parameter		
Course key	None	Course key	KeyCondition22[oid] [DeleteUnit]	Delete course. → OKFlow18

SubUnit List

→□ [InputCollectorUnit] [Input Port](#) / →▢ Course key

General properties

Name	Course key
------	------------

☒ [OKCollectorUnit] OK

General properties

Name	OK
------	----

7.11.3.1. Internal Link List

→□ [InputCollectorUnit] [Input Port](#) / → OKFlow18

General properties	
Name	OKFlow18
Source	→□ [InputCollectorUnit] Input Port
Target	➡ [DeleteUnit] Delete course

➡ [DeleteUnit] [Delete course](#) / → OKFlow45

General properties

Name	OKFlow45
Source	➡ [DeleteUnit] Delete course
Target	☒ OK
Automatic Binding	true

➡ [DeleteUnit] [Delete course](#) / → KOFlow1

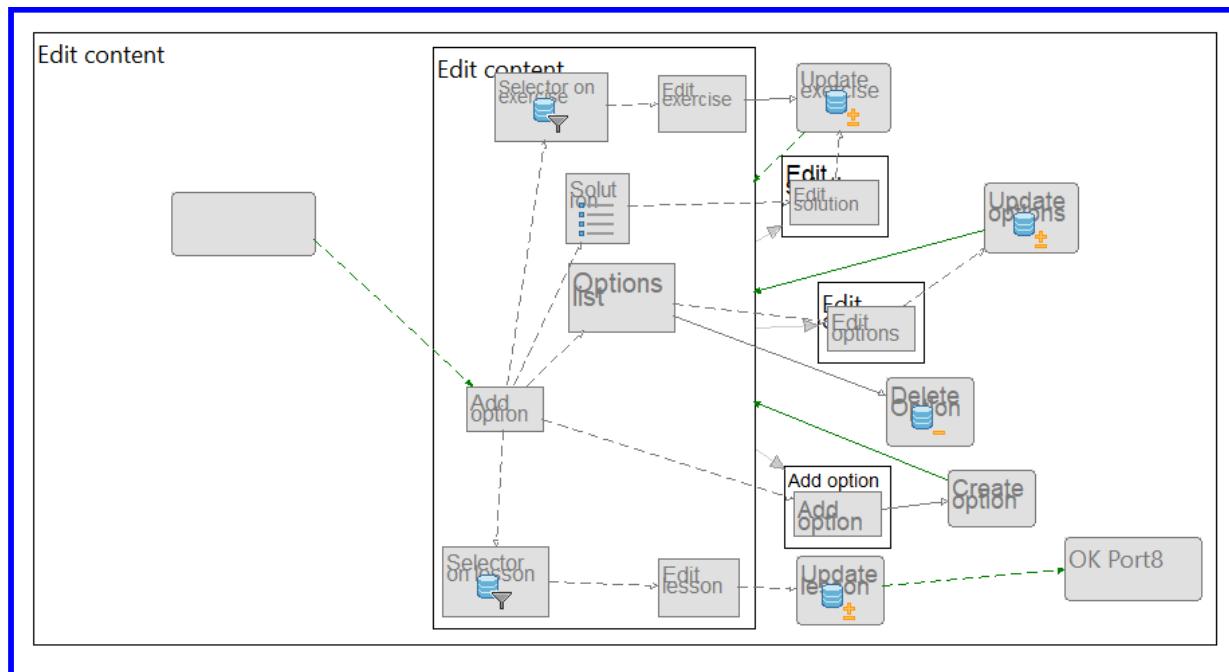
General properties

Name	KOFlow1
Source	➡ [DeleteUnit] Delete course
Target	☒ Error
Automatic Binding	true

7.12. [HybridModule] Edit content

Project / Module Definitions / Edit content





7.12.1. Property Section

General properties

Name	Edit content
------	--------------

7.12.2. Summary Section

7.12.2.1. Page Summary

- [Add option](#)
- [Edit content](#)
- [Edit option](#)
- [Edit solution](#)

7.12.2.2. Component Summary

- [+ \[CreateUnit\] Create option](#)
- [- \[DeleteUnit\] Delete Option](#)
- [+ \[InputCollectorUnit\] Input Port](#)
- [+ \[OKCollectorUnit\] OK Port8](#)
- [+ \[ModifyUnit\] Update exercise](#)
- [+ \[ModifyUnit\] Update lesson](#)
- [+ \[ModifyUnit\] Update options](#)

7.12.2.3. Incoming Flow Summary

→ Delete	from Edit content / [PowerIndexUnit] Options list	to - [DeleteUnit] <u>Delete Option</u>
→ Save	from Add option / [EntryUnit] Add option	to + [CreateUnit] <u>Create option</u>
→ Save	from Edit solution / [EntryUnit] Edit solution	to + [ModifyUnit] <u>Update exercise</u>
→ Save	from Edit content / [EntryUnit] Edit exercise	to + [ModifyUnit] <u>Update exercise</u>
→ Save	from Edit option / [EntryUnit] Edit options	to + [ModifyUnit] <u>Update options</u>
→ Save	from Edit content / [EntryUnit] Edit lesson	to + [ModifyUnit] <u>Update lesson</u>

7.12.2.4. Outgoing Flow Summary

→ OKFlow67	from + [ModifyUnit] <u>Update options</u>	to Edit content
→ OKFlow69	from + [InputCollectorUnit] <u>Input Port</u>	to Edit content / [MultiMessageUnit] <u>Add option</u>
→ OKFlow72	from + [ModifyUnit] <u>Update exercise</u>	to Edit content
→ OKFlow74	from + [CreateUnit] <u>Create option</u>	to Edit content

7.12.2.5. Internal Flow Summary

[OKFlow73](#)from  [ModifyUnit] [Update lesson](#)to  [OKCollectorUnit] [OK Port8](#)

7.12.3. Details Section

 [CreateUnit] Create option

General properties	
Name	Create option
Entity	 Option
Incoming Parameter	
Exercise.oid(OptionsT oExercise)	Contentkey  [InputCollectorUnit] Input Port.
Option	Option  Add option /  [EntryUnit] Add option.
Option Object	None
oid	None

 [DeleteUnit] Delete Option

General properties	
Name	Delete Option
Entity	 Option
Incoming Parameter	
KeyCondition44 [oid]	oid  Edit content /  [PowerIndexUnit] Options list.

SubUnit List

 [DeleteUnit] [Delete Option](#) /  Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

 [DeleteUnit] [Delete Option](#) /  Conditional Expression /  KeyCondition44

General properties	
Name	KeyCondition44
Predicate	In
Required	True

 [InputCollectorUnit] Input Port

Incoming Parameter		Outgoing Parameter	
Content key	None	Content key	Exercise.oid(OptionsToExercise) [CreateUnit] Create option. → OKFlow69 → Add option → Save Exercise.oid(OptionsToExercise) [ModifyUnit] Update options. → OKFlow69 → Edit → Save KeyCondition25[oid] [SelectorUnit] Edit content / [SelectorUnit] Selector on lesson. → OKFlow69 → Flow178 KeyCondition26[oid] [SelectorUnit] Edit content / [SelectorUnit] Selector on exercise. → OKFlow69 → Flow175 KeyCondition37[oid] [ModifyUnit] Update exercise. → OKFlow69 → Edit → Save KeyCondition38[oid] [PowerIndexUnit] Edit content / [PowerIndexUnit] Solution. → OKFlow69 → Flow176 RoleCondition16[oid] [PowerIndexUnit] Edit content / [PowerIndexUnit] Options list. → OKFlow69 → Flow177

SubUnit List

 [InputCollectorUnit] [Input Port](#) / Content key

General properties	
Name	Content key

[OKCollectorUnit] OK Port8

General properties	
Name	OK Port8

[ModifyUnit] Update exercise

General properties	
Name	Update exercise
Entity	Exercise

Incoming Parameter		Outgoing Parameter	
Course.oid (ContentToCourse)	None	oid	None
Description	Question Edit content / [EntryUnit] Edit exercise.	→ Save	
Exercise Object	None		
KeyCondition37 [oid]	Contentkey [InputCollectorUnit] Input Port.	→ OKFlow69 → Flow176 → Edit → Save	
	oid [SelectorUnit] Selector on exercise.	→ Flow150 → Save	
Name	Name [EntryUnit] Edit exercise.	→ Save	
Option.oid (ExerciseToOptions)	None		
Order	Displayorder [EntryUnit] Edit exercise.	→ Save	
Solution	Solution [EntryUnit] Edit solution.	→ Save	

SubUnit List

[\[ModifyUnit\] Update exercise](#) /

General properties	
Default Policy	Fill
Boolean Operator	And

[\[ModifyUnit\] Update exercise](#) / KeyCondition37

General properties	
Name	KeyCondition37
Predicate	In
Required	True

[\[ModifyUnit\] Update lesson](#)

General properties		
Name	Update lesson	
Entity	Lesson	
Incoming Parameter		
Course.oid(ContentToCourse)	None	
Description	Description [EntryUnit] Edit lesson.	→ Save
KeyCondition27 [oid]	oid [SelectorUnit] Selector on lesson.	→ Flow149 → Save
Lesson Object	None	
Name	Name [EntryUnit] Edit lesson.	→ Save
Order	Displayorder [EntryUnit] Edit lesson.	→ Save
Video	Video [EntryUnit] Edit lesson.	→ Save
Video [file name]	Video [EntryUnit] Edit lesson.	→ Save

SubUnit List

[\[ModifyUnit\] Update lesson](#) /

General properties	
Default Policy	Fill
Boolean Operator	And

⊕ [ModifyUnit] Update lesson / ⊕ Conditional Expression / 🐾 KeyCondition27

General properties	
Name	KeyCondition27
Predicate	In
Required	True

⊕ [ModifyUnit] Update options

General properties	
Name	Update options
Entity	⊕ Option
Incoming Parameter	
Exercise.ofd(Options ToExercise)	Contentkey → [InputCollectorUnit] Input Port. → OKFlow69 → Flow177 → Edit → Save
KeyCondition42 [oid]	oid → Edit content / [PowerIndexUnit] Options list. → Edit → Save
Option	Option → Edit option / [EntryUnit] Edit options. → Save
Option Object	None
Outgoing Parameter	
	oid None

SubUnit List

⊕ [ModifyUnit] Update options / ⊕ Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

⊕ [ModifyUnit] Update options / ⊕ Conditional Expression / 🐾 KeyCondition42

General properties	
Name	KeyCondition42
Predicate	In
Required	True

7.12.3.1. Outgoing Link List

⊕ [ModifyUnit] Update options / → OKFlow67

General properties	
Name	OKFlow67
Source	⊕ [ModifyUnit] Update options
Target	Edit content
Automatic Binding	true

→ [InputCollectorUnit] Input Port / → OKFlow69

General properties	
Name	OKFlow69
Source	→ [InputCollectorUnit] Input Port
Target	✉ Add option

✉ + [ModifyUnit] [Update exercise](#) / → OKFlow72

General properties	
Name	OKFlow72
Source	✉ + [ModifyUnit] Update exercise
Target	📄 Edit content
Automatic Binding	true

✉ + [CreateUnit] [Create option](#) / → OKFlow74

General properties	
Name	OKFlow74
Source	✉ + [CreateUnit] Create option
Target	📄 Edit content
Automatic Binding	true

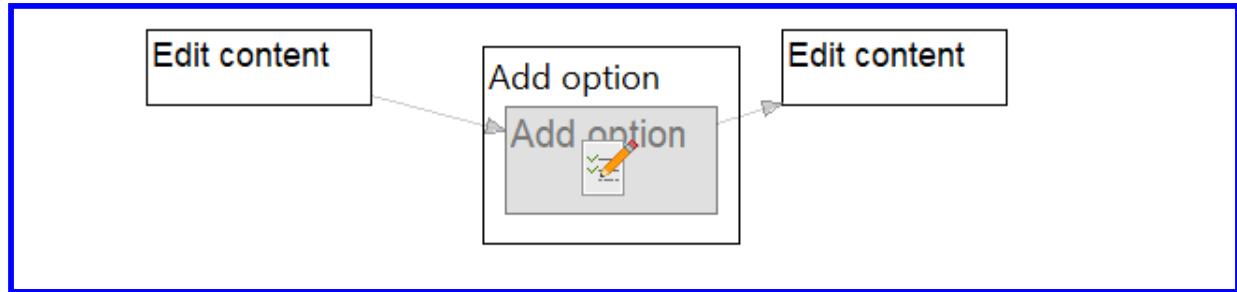
7.12.3.2. Internal Link List

✉ + [ModifyUnit] [Update lesson](#) / → OKFlow73

General properties	
Name	OKFlow73
Source	✉ + [ModifyUnit] Update lesson
Target	➡ OK Port8
Automatic Binding	true

7.13. [Page] Add option

Project / [Module Definitions](#) / [Edit content](#) / [Add option](#)



7.13.1. Property Section

General properties	
Name	Add option
URL Fragment	Value

7.13.2. Summary Section

7.13.2.1. ConditionExpression Summary

[[ActivationExpression 9](#)

7.13.2.2. Component Summary

[EntryUnit] [Add option](#)

7.13.2.3. Variable Summary

var9

7.13.2.4. Incoming Flow Summary

→ [Add option](#)

from [Edit content](#) / [MultiMessageUnit] [Add option](#)

to [EntryUnit] [Add option](#)

7.13.2.5. Outgoing Flow Summary

→ [Save](#)

from [EntryUnit] [Add option](#)

to [Edit content](#) / [CreateUnit] [Create option](#)

7.13.3. Details Section

7.13.3.1. ConditionExpression List

ActivationExpression 9

General properties	
Name	ActivationExpression 9

[EntryUnit] [Add option](#)

General properties	
Name	Add option
Flow Order	→ Save
Outgoing Parameter	
Option	Option Edit content / [CreateUnit] Create option . → Save

SubUnit List

[EntryUnit] [Add option](#) / Option

General properties	
Name	Option
Type	string

ValidationRule List

[EntryUnit] [Add option](#) / Option / Mandatory field

General properties	
Name	Mandatory field
Predicate	

7.13.3.2. Variable List

var9

General properties	
Name	var9
Type	integer
Value	0

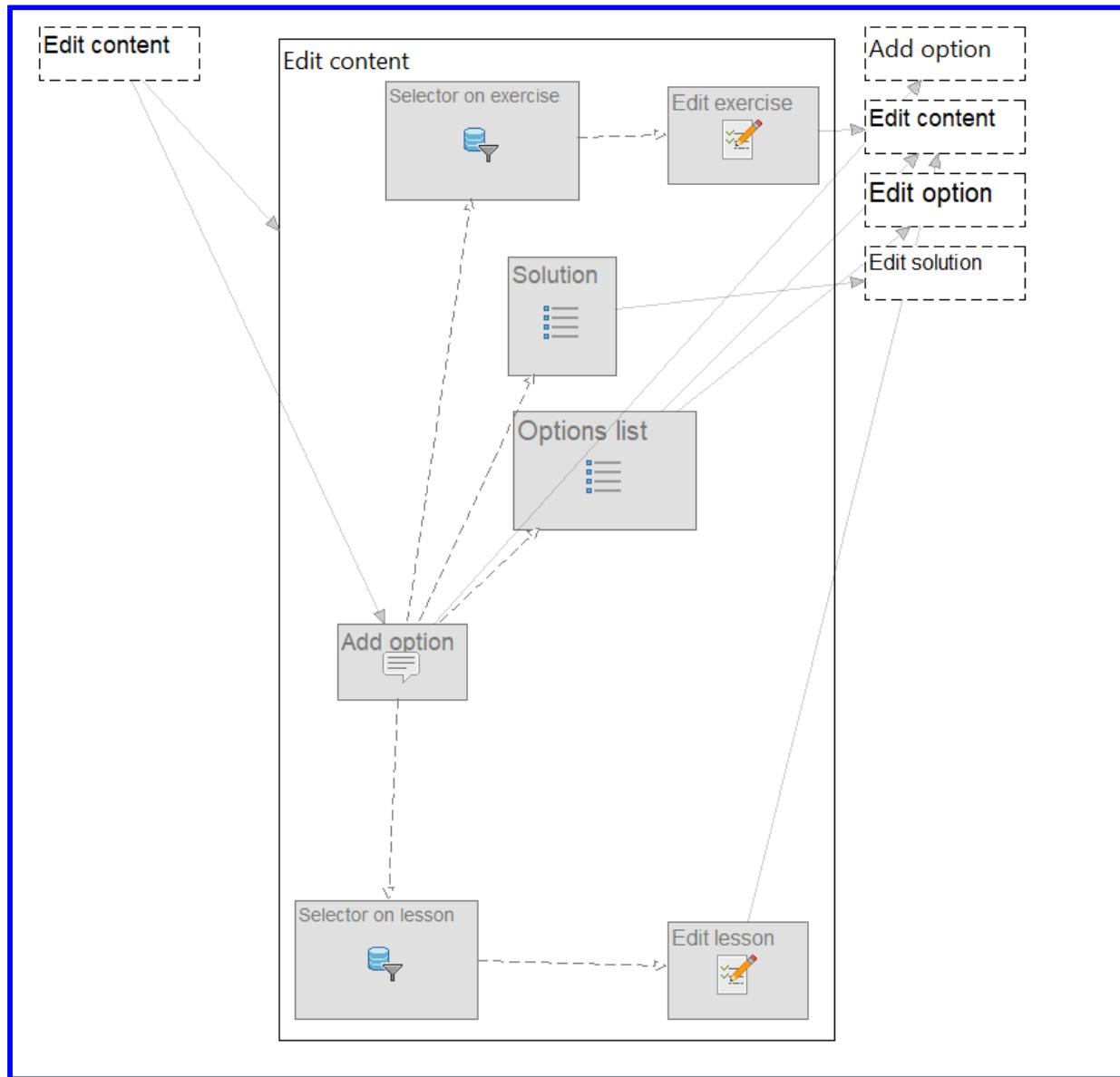
7.13.3.3. Outgoing Link List

[EntryUnit] [Add option](#) / → [Save](#)

General properties	
Name	Save
Source	[EntryUnit] Add option
Target	Create option
Type	normal
Validate	true

7.14. [Page] Edit content

[Project](#) / [Module Definitions](#) / [Edit content](#) / [Edit content](#)



7.14.1. Property Section

General properties	
Name	Edit content
URL Fragment	Value

7.14.2. Summary Section

7.14.2.1. ConditionExpression Summary

[ActivationExpression 7](#)

7.14.2.2. Component Summary

	[MultiMessageUnit]	Add option
	[EntryUnit]	Edit exercise
	[EntryUnit]	Edit lesson
	[PowerIndexUnit]	Options list
	[SelectorUnit]	Selector on exercise
	[SelectorUnit]	Selector on lesson
	[PowerIndexUnit]	Solution

7.14.2.3. Variable Summary

◆ [var6](#)

7.14.2.4. Incoming Flow Summary

→ OKFlow67	from [MultiMessageUnit] Add option	/ [ModifyUnit] Update options
→ OKFlow69	from [MultiMessageUnit] Add option	/ [InputCollectorUnit] Input Port
→ OKFlow72	from [MultiMessageUnit] Add option	/ [ModifyUnit] Update exercise
→ OKFlow74	from [MultiMessageUnit] Add option	/ [CreateUnit] Create option

to Edit content
to
[MultiMessageUnit] Add option
to Edit content
to Edit content
to Edit content

7.14.2.5. Outgoing Flow Summary

→ Add option	from [MultiMessageUnit] Add option
→ Delete	from [PowerIndexUnit] Options list
→ Edit	from [PowerIndexUnit] Options list
→ Edit	from [PowerIndexUnit] Solution
→ Save	from [EntryUnit] Edit exercise
→ Save	from [EntryUnit] Edit lesson

to Add option	/ [EntryUnit] Add option
to Edit content	/ [DeleteUnit] Delete Option
to Edit option	/ [EntryUnit] Edit options
to Edit solution	/ [EntryUnit] Edit solution
to Edit content	/ [ModifyUnit] Update exercise
to Edit content	/ [ModifyUnit] Update lesson

7.14.3. Details Section

7.14.3.1. ConditionExpression List

ActivationExpression 7

General properties	
Name	ActivationExpression 7

[MultiMessageUnit] Add option

General properties	
Name	Add option
Message Text	If you want to add a new option click on "Add option".
Flow Order	→ Add option
Incoming Parameter	
Shown Messages	None

[EntryUnit] Edit exercise

General properties	
Name	Edit exercise
Entity	Exercise
Flow Order	→ Save

Incoming Parameter		Outgoing Parameter		
Display order	Order [SelectorUnit] Selector on exercise.	…> Flow150	Display order	Order [Edit content / [ModifyUnit] Update exercise.] → Save
Key Condition [oid]	oid [SelectorUnit] Selector on exercise.	…> Flow150	Exercise Object	None
Name	Name [SelectorUnit] Selector on exercise.	…> Flow150	Key [oid]	None
Question	Description [SelectorUnit] Selector on exercise.	…> Flow150	Name	Name [Edit content / [ModifyUnit] Update exercise.] → Save
			Question	Description [Edit content / [ModifyUnit] Update exercise.] → Save

SubUnit List

 [EntryUnit] Edit exercise / Name

General properties	
Name	Name
Type	string
Preloaded	true

 [EntryUnit] Edit exercise / Question

General properties	
Name	Question
Type	text
Preloaded	true

 [EntryUnit] Edit exercise / Display order

General properties	
Name	Display order
Type	integer
Preloaded	true

ValidationRule List

 [EntryUnit] Edit exercise / Name / ✓ mandatory field

General properties	
Name	mandatory field
Predicate	

 [EntryUnit] Edit exercise / Question / ✓ mandatory field

General properties	
Name	mandatory field
Predicate	

 [EntryUnit] Edit exercise / Display order / ✓ mandatory field

General properties	
Name	mandatory field
Predicate	

 [EntryUnit] Edit exercise / Display order / ✓ Type Validation1

General properties	
Name	Type Validation1
Type	integer

 [EntryUnit] Edit lesson

General properties					
Name	Edit lesson				
Entity	 Lesson				
Flow Order	→ Save				
Incoming Parameter			Outgoing Parameter		
Description	Description  [SelectorUnit] Selector on lesson.	…▸ Flow149	Description  Edit content /  [ModifyUnit] Update lesson.	→ Save	
Display order	Order  [SelectorUnit] Selector on lesson.	…▸ Flow149	Order  Edit content /  [ModifyUnit] Update lesson.	→ Save	
Key Condition [oid]	oid  [SelectorUnit] Selector on lesson.	…▸ Flow149	Key [oid]	None	
Name	Name  [SelectorUnit] Selector on lesson.	…▸ Flow149	Lesson Object	None	
Video	Video  [SelectorUnit] Selector on lesson.	…▸ Flow149	Name	Name  Edit content /  [ModifyUnit] Update lesson.	→ Save
			Video	Video  Edit content /  [ModifyUnit] Update lesson.	→ Save
				Video[filename]  Edit content /  [ModifyUnit] Update lesson.	→ Save

SubUnit List

 [\[EntryUnit\] Edit lesson](#) /  Name

General properties	
Name	Name
Attribute	 Name
Type	string
Preloaded	true

 [\[EntryUnit\] Edit lesson](#) /  Description

General properties	
Name	Description
Attribute	 Description
Type	text
Preloaded	true

 [\[EntryUnit\] Edit lesson](#) /  Video

General properties	
Name	Video
Attribute	 Video
Type	blob
Preloaded	true

 [\[EntryUnit\] Edit lesson](#) /  Display order

General properties	
Name	Display order
Attribute	 Order
Type	integer
Preloaded	true

ValidationRule List

 [\[EntryUnit\] Edit lesson](#) /  Name /  mandatory field

General properties

Name	mandatory field
Predicate	

[EntryUnit] [Edit lesson](#) / [Description](#) / ✓ mandatory field

General properties

Name	mandatory field
Predicate	

[EntryUnit] [Edit lesson](#) / [Video](#) / ✓ mandatory field

General properties

Name	mandatory field
Predicate	

[EntryUnit] [Edit lesson](#) / [Display order](#) / ✓ mandatory field

General properties

Name	mandatory field
Predicate	

[EntryUnit] [Edit lesson](#) / [Display order](#) / ✓ Type Validation1

General properties

Name	Type Validation1
Type	integer

[PowerIndexUnit] Options list

General properties

Name	Options list
Entity	Option
Display Attributes	Option
Flow Order	→ Edit → Delete

Incoming Parameter

Block Factor	None
Block Index	None

Block Window	None
Max Results	None

RoleCondition16 [oid]	Contentkey Edit content / Input Port. → OKFlow69 → Flow177
current oid	None

Outgoing Parameter

Option	Option Edit option / [EntryUnit] Edit options.
oid	

OptionsToExercise.oid	None
oid	

KeyCondition42[oid]	Edit content / [ModifyUnit] Update options.
oid (block)	

SubUnit List

[PowerIndexUnit] Options list / Conditional Expression

General properties

Default Policy	Fill
Boolean Operator	And

[PowerIndexUnit] Options list / Conditional Expression / RoleCondition16

General properties	
Name	RoleCondition16
Role	R ExerciseToOptions
Predicate	In
Required	True

⌚ [SelectorUnit] Selector on exercise

General properties																
Name	Selector on exercise															
Entity	E Exercise															
Incoming Parameter																
KeyCondition26 [oid]	Contentkey Edit content / + → OKFlow69 → Flow175 [InputCollectorUnit] Input Port.															
Outgoing Parameter																
Max Results	<table border="1"> <tr> <td>Data Size</td><td>var6</td><td>…> Flow150</td></tr> <tr> <td>Description</td><td>Question [EntryUnit] Edit exercise.</td><td>…> Flow150</td></tr> <tr> <td>Name</td><td>Name [EntryUnit] Edit exercise.</td><td>…> Flow150</td></tr> <tr> <td>Order</td><td>Displayorder [EntryUnit] Edit exercise.</td><td>…> Flow150</td></tr> <tr> <td>oid</td><td> KeyCondition[oid] [EntryUnit] Edit exercise. KeyCondition37[oid] [ModifyUnit] Update exercise. </td><td>…> Flow150</td></tr> </table>	Data Size	var6	…> Flow150	Description	Question [EntryUnit] Edit exercise.	…> Flow150	Name	Name [EntryUnit] Edit exercise.	…> Flow150	Order	Displayorder [EntryUnit] Edit exercise.	…> Flow150	oid	KeyCondition[oid] [EntryUnit] Edit exercise. KeyCondition37[oid] [ModifyUnit] Update exercise.	…> Flow150
Data Size	var6	…> Flow150														
Description	Question [EntryUnit] Edit exercise.	…> Flow150														
Name	Name [EntryUnit] Edit exercise.	…> Flow150														
Order	Displayorder [EntryUnit] Edit exercise.	…> Flow150														
oid	KeyCondition[oid] [EntryUnit] Edit exercise. KeyCondition37[oid] [ModifyUnit] Update exercise.	…> Flow150														

SubUnit List

⌚ [SelectorUnit] Selector on exercise / ⚡ Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

⌚ [SelectorUnit] Selector on exercise / ⚡ Conditional Expression / 🌐 KeyCondition26

General properties	
Name	KeyCondition26
Predicate	In
Required	True

⌚ [SelectorUnit] Selector on lesson

General properties	
Name	Selector on lesson
Entity	E Lesson

Incoming Parameter		Outgoing Parameter	
KeyCondition25 [oid] [InputCollectorUnit] Input Port.	Contentkey Edit content / → OKFlow69 → Flow178	Data Size	var6 Flow149
Max Results	None	Description	Description [EntryUnit] Edit lesson. Flow149
		Name	Name [EntryUnit] Edit lesson. Flow149
		Order	Displayorder [EntryUnit] Edit lesson. Flow149
		Video	Video [EntryUnit] Edit lesson. Flow149
		oid	KeyCondition[oid] [EntryUnit] Edit lesson. Flow149
			KeyCondition27[oid] Edit content / [ModifyUnit] Update lesson. Flow149 → Save

SubUnit List

[SelectorUnit] Selector on lesson / Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

[SelectorUnit] Selector on lesson / Conditional Expression / KeyCondition25

General properties	
Name	KeyCondition25
Predicate	In
Required	True

[PowerIndexUnit] Solution

General properties	
Name	Solution
Entity	Exercise
Display Attributes	Solution
Flow Order	→ Edit
Incoming Parameter	
Block Factor	None
Block Index	None
Block Window	None
KeyCondition38 [oid] [InputCollectorUnit] Input Port.	Contentkey Edit content / → OKFlow69 → Flow176
Max Results	None
current oid	None
Outgoing Parameter	
Description	None
Name	None
Order	None
Solution	Solution Edit solution / [EntryUnit] Edit solution. → Edit
oid	None

SubUnit List

[PowerIndexUnit] Solution / Conditional Expression

General properties	
Default Policy	Fill
Boolean Operator	And

[PowerIndexUnit] Solution / Conditional Expression / KeyCondition38

General properties	
Name	KeyCondition38
Predicate	In
Required	True

7.14.3.2. Variable List

◆ var6

General properties	
Name	var6
Type	integer
Value	5
Incoming Parameter	
DataSize [SelectorUnit] Selector on lesson.	… Flow149
DataSize [SelectorUnit] Selector on exercise.	… Flow150

7.14.3.3. Outgoing Link List

✉ [MultiMessageUnit] [Add option](#) / → Add option

General properties	
Name	Add option
Source	[MultiMessageUnit] Add option
Target	Add option
Type	normal
Validate	true

☰ [PowerIndexUnit] [Options list](#) / → Delete

General properties	
Name	Delete
Source	[PowerIndexUnit] Options list
Target	Delete Option
Type	normal
Automatic Binding	true
Validate	true

☰ [PowerIndexUnit] [Options list](#) / → Edit

General properties	
Name	Edit
Source	[PowerIndexUnit] Options list
Target	Edit options
Type	normal
Validate	true

☰ [PowerIndexUnit] [Solution](#) / → Edit

General properties	
Name	Edit
Source	[PowerIndexUnit] Solution
Target	Edit solution
Type	normal
Validate	true

[EntryUnit] Edit exercise / → Save

General properties	
Name	Save
Source	[EntryUnit] Edit exercise
Target	Update exercise
Type	normal
Validate	true

[EntryUnit] Edit lesson / → Save

General properties	
Name	Save
Source	[EntryUnit] Edit lesson
Target	Update lesson
Type	normal
Validate	true

7.14.3.4. Internal Link List

[SelectorUnit] Selector on lesson / → Flow149

General properties	
Name	Flow149
Source	[SelectorUnit] Selector on lesson
Target	Edit lesson
Type	transport
Validate	true

[SelectorUnit] Selector on exercise / → Flow150

General properties	
Name	Flow150
Source	[SelectorUnit] Selector on exercise
Target	Edit exercise
Type	transport
Validate	true

[MultiMessageUnit] Add option / → Flow175

General properties	
Name	Flow175
Source	[MultiMessageUnit] Add option
Target	Selector on exercise
Type	transport
Validate	true

[MultiMessageUnit] [Add option](#) / ... Flow176

General properties	
Name	Flow176
Source	[MultiMessageUnit] Add option
Target	Solution
Type	transport
Validate	true

[MultiMessageUnit] [Add option](#) / ... Flow177

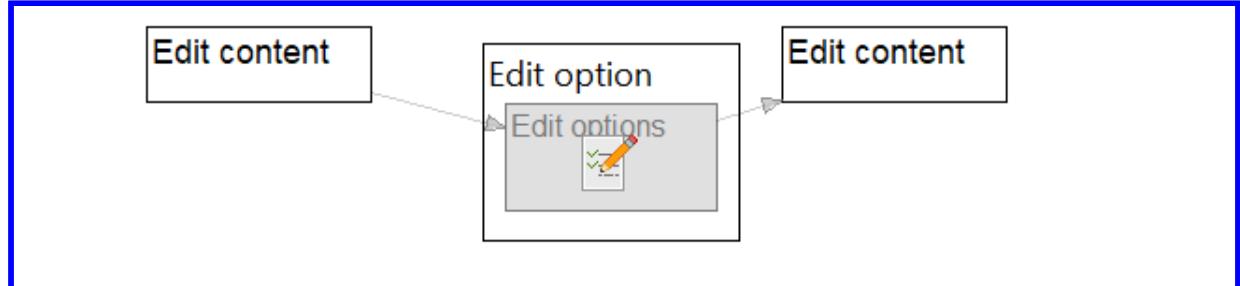
General properties	
Name	Flow177
Source	[MultiMessageUnit] Add option
Target	Options list
Type	transport
Validate	true

[MultiMessageUnit] [Add option](#) / ... Flow178

General properties	
Name	Flow178
Source	[MultiMessageUnit] Add option
Target	Selector on lesson
Type	transport
Validate	true

7.15. [Page] Edit option

[Project](#) / [Module Definitions](#) / [Edit content](#) / [Edit option](#)



7.15.1. Property Section

General properties	
Name	Edit option
URL Fragment	Value

7.15.2. Summary Section

7.15.2.1. ConditionExpression Summary

[ActivationExpression 9

7.15.2.2. Component Summary

[[EntryUnit] [Edit options](#)

7.15.2.3. Variable Summary

[var9

7.15.2.4. Incoming Flow Summary

→ [Edit](#)

from [Edit content / [PowerIndexUnit] [Options list](#)

to [EntryUnit] [Edit options](#)

7.15.2.5. Outgoing Flow Summary

→ [Save](#)

from [ActivationExpression 9] [Edit options](#)

to [Edit content / [ModifyUnit] [Update options](#)

7.15.3. Details Section

7.15.3.1. ConditionExpression List

[ActivationExpression 9

General properties	
Name	ActivationExpression 9

[[EntryUnit] [Edit options](#)

General properties	
Name	Edit options
Flow Order	→ Save
Incoming Parameter	
Option	Option [Edit content / [PowerIndexUnit] Options list.] → Edit
Outgoing Parameter	
Option	Option [Edit content / [ModifyUnit] Update options.] → Save

SubUnit List

[[EntryUnit] [Edit options](#) / [Option

General properties	
Name	Option
Type	string
Preloaded	true

ValidationRule List

[[EntryUnit] [Edit options](#) / [Option] ✓ mandatory field

General properties	
Name	mandatory field
Predicate	

7.15.3.2. Variable List

[var9

General properties

Name	var9
Type	integer
Value	0

7.15.3.3. Outgoing Link List

[EntryUnit] [Edit options](#) / → Save

General properties

Name	Save
Source	[EntryUnit] Edit options
Target	[ModifyUnit] Update options
Type	normal
Validate	true

7.16. [Page] Edit solution

Project / Module Definitions / Edit content / Edit solution



7.16.1. Property Section

General properties

Name	Edit solution
URL Fragment	Value

7.16.2. Summary Section

7.16.2.1. ConditionExpression Summary

ActivationExpression 9

7.16.2.2. Component Summary

[EntryUnit] [Edit solution](#)

7.16.2.3. Variable Summary

var9

7.16.2.4. Incoming Flow Summary

→ [Edit](#) from [Edit content](#) / [PowerIndexUnit] [Solution](#) to [EntryUnit] [Edit solution](#)

7.16.2.5. Outgoing Flow Summary

→ [Save](#) from [EntryUnit] [Edit solution](#) to [Edit content](#) / [ModifyUnit] [Update exercise](#)

7.16.3. Details Section

7.16.3.1. ConditionExpression List

[ActivationExpression 9

General properties	
Name	ActivationExpression 9

[[EntryUnit] Edit solution

General properties	
Name	Edit solution
Flow Order	→ Save
Incoming Parameter	Outgoing Parameter
Solution	Solution Edit content / [PowerIndexUnit] Solution.
	→ Edit
	Solution Edit content / [ModifyUnit] Update exercise.
	→ Save
	XML Form
	None

SubUnit List

[[EntryUnit] Edit solution / [Solution]

General properties	
Name	Solution
Type	string
Preloaded	true

ValidationRule List

[[EntryUnit] Edit solution / [Solution] / Mandatory field

General properties	
Name	Mandatory field
Predicate	

7.16.3.2. Variable List

♦ var9

General properties	
Name	var9
Type	integer
Value	0

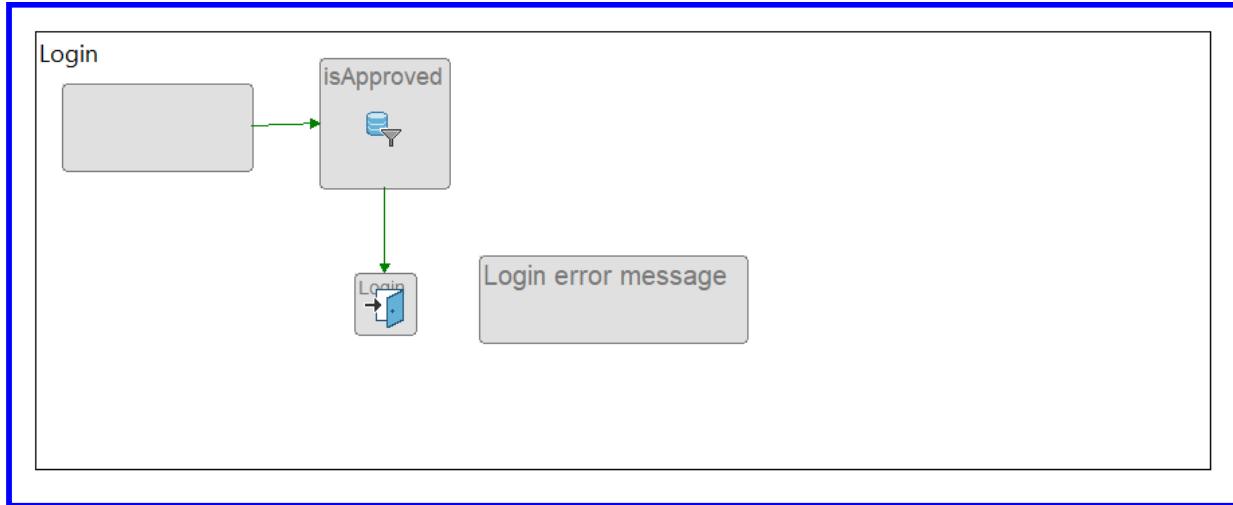
7.16.3.3. Outgoing Link List

[[EntryUnit] Edit solution / → Save

General properties	
Name	Save
Source	[[EntryUnit] Edit solution]
Target	Update exercise
Type	normal
Validate	true

7.17. [OperationModule] Login

Project / Module Definitions / Login



7.17.1. Property Section

General properties	
Name	Login

7.17.2. Summary Section

7.17.2.1. Component Summary

- [InputCollectorUnit] [Input Port](#)
- [SelectorUnit] [isApproved](#)
- [LoginUnit] [Login](#)
- [KOCollectorUnit] [Login error message](#)

7.17.2.2. Internal Flow Summary

→ OKFlow17	from → [InputCollectorUnit] Input Port	to → [SelectorUnit] isApproved
→ OKFlow19	from → [SelectorUnit] isApproved	to → [LoginUnit] Login

7.17.3. Details Section

→ [InputCollectorUnit] Input Port

Incoming Parameter		Outgoing Parameter	
Password	None	Password	passwordValidation [SelectorUnit] isApproved .
Username	None	Username	usernameValidation [SelectorUnit] isApproved .

SubUnit List

→ [InputCollectorUnit] [Input Port](#) / → Password

General properties	
Name	Password

→ [InputCollectorUnit] [Input Port](#) / → Username

General properties	
Name	Username

→ [SelectorUnit] [isApproved](#)

General properties	
Name	isApproved
Entity	User
Attributes	@ isApproved

Incoming Parameter		Outgoing Parameter		
Max Results	None	Password	Password [LoginUnit] Login.	→ OKFlow19
password Validation	Password [InputCollectorUnit] Input Port.	User Name	Username [LoginUnit] Login.	→ OKFlow19
username Validation	Username [InputCollectorUnit] Input Port.			

SubUnit List

[SelectorUnit] [isApproved](#) / [Conditional Expression](#)

General properties	
Default Policy	Fill
Boolean Operator	And

[SelectorUnit] [isApproved](#) / [Conditional Expression](#) / [approval](#)

General properties	
Name	approval
Attributes	@ isApproved
Predicate	Equal
Boolean Operator	And
Value	1
Required	True

[SelectorUnit] [isApproved](#) / [Conditional Expression](#) / [usernameValidation](#)

General properties	
Name	usernameValidation
Attributes	@ User Name
Predicate	Equal
Boolean Operator	And
Required	True

[SelectorUnit] [isApproved](#) / [Conditional Expression](#) / [passwordValidation](#)

General properties	
Name	passwordValidation
Attributes	@ Password
Predicate	Equal
Boolean Operator	And
Required	True

[LoginUnit] Login

General properties	
Name	Login

Incoming Parameter			Outgoing Parameter	
Password	Password [SelectorUnit] isApproved.	OKFlow19	Error Message	None
Remember Credentials (Persistent Cookie)	None		Exception	None
Username			Password	None
			Username	None

[KOCollectorUnit] Login error message

General properties	
Name	Login error message

7.17.3.1. Internal Link List

[InputCollectorUnit] [Input Port](#) / OKFlow17

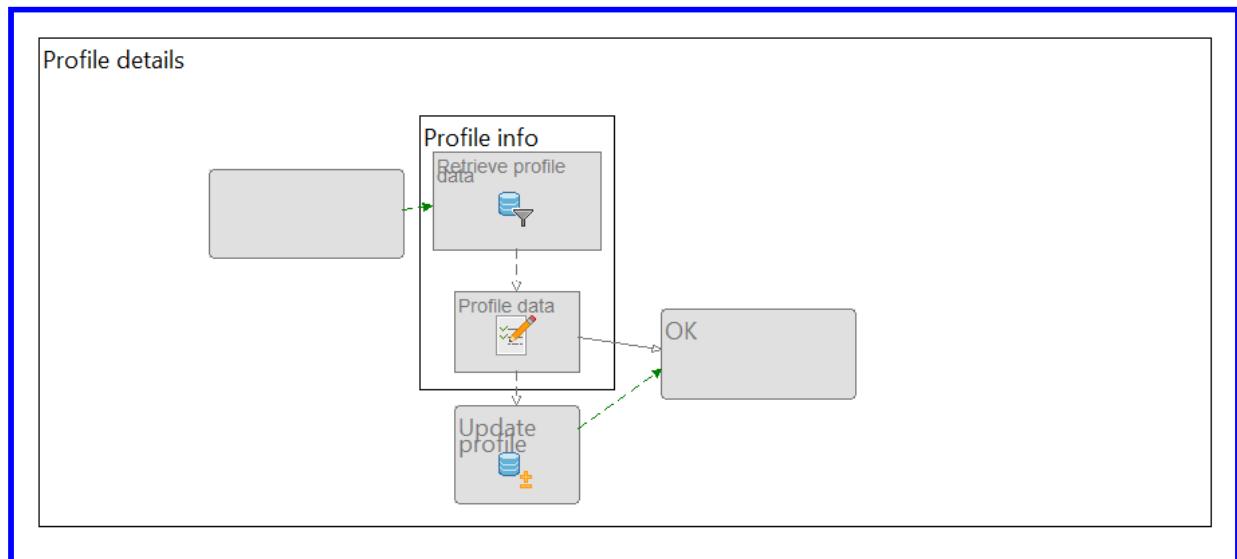
General properties	
Name	OKFlow17
Source	[InputCollectorUnit] Input Port
Target	isApproved

[SelectorUnit] [isApproved](#) / OKFlow19

General properties	
Name	OKFlow19
Source	[SelectorUnit] isApproved
Target	Login

7.18. [HybridModule] Profile details

Project / Module Definitions / Profile details



7.18.1. Property Section

General properties	
Name	Profile details

7.18.2. Summary Section

7.18.2.1. Page Summary

[Profile info](#)

7.18.2.2. Component Summary



7.18.2.3. Incoming Flow Summary

→ [Cancel](#)
→ [Save](#)

from [Profile info](#) / [EntryUnit] [Profile data](#)
from [Profile info](#) / [EntryUnit] [Profile data](#)

to [OKCollectorUnit] [OK](#)
to [ModifyUnit] [Update profile](#)

7.18.2.4. Outgoing Flow Summary

→ [OKFlow27](#)

from [InputCollectorUnit] [Input Port](#)

to [Profile info](#) / [SelectorUnit] [Retrieve profile data](#)

7.18.2.5. Internal Flow Summary

→ [OKFlow23](#)

from [ModifyUnit] [Update profile](#)

to [OKCollectorUnit] [OK](#)

7.18.3. Details Section

→ [InputCollectorUnit] Input Port

Incoming Parameter		Outgoing Parameter		
Profile key	None	Profile key	KeyCondition17[oid] Profile info / [SelectorUnit] Retrieve profile data .	→ OKFlow27

SubUnit List

→ [InputCollectorUnit] [Input Port](#) / → [Profile key](#)

General properties	
Name	Profile key

→ [OKCollectorUnit] OK

General properties	
Name	OK

→ [ModifyUnit] Update profile

General properties	
Name	Update profile
Entity	User

Incoming Parameter		
Comment.oid(UserToComment)	None	
Course followed.oid(UserToCourses followed)	None	
Course.oid(UserToCourse)	None	
Curriculum.oid(UserToCurriculum)	None	
Email	Email Profile info / [EntryUnit] Profile data.	→ Save
Feedback.oid(UserToFeedback)	None	
FirstName	Firstname Profile info / [EntryUnit] Profile data.	→ Save
Group.oid(defaultGroup)	None	
Group.oid(groups)	None	
KeyCondition8 [oid]	Key[oid] Profile info / [EntryUnit] Profile data.	→ Save
LastName	Lastname Profile info / [EntryUnit] Profile data.	→ Save
Password	None	
Post.oid(UserToPost)	None	
Private message.oid(UserToPrivate message)	None	
Support.oid(UserToSupport)	None	
User Name	Username Profile info / [EntryUnit] Profile data.	→ Save
User Object	None	
isApproved	None	

SubUnit List

[\[ModifyUnit\] Update profile](#) / [Conditional Expression](#)

General properties	
Default Policy	Fill
Boolean Operator	And

[\[ModifyUnit\] Update profile](#) / [Conditional Expression](#) / [KeyCondition8](#)

General properties	
Name	KeyCondition8
Predicate	In
Required	True

7.18.3.1. Outgoing Link List

→ [\[InputCollectorUnit\] Input Port](#) / → [OKFlow27](#)

General properties	
Name	OKFlow27
Source	→ [InputCollectorUnit] Input Port
Target	Retrieve profile data

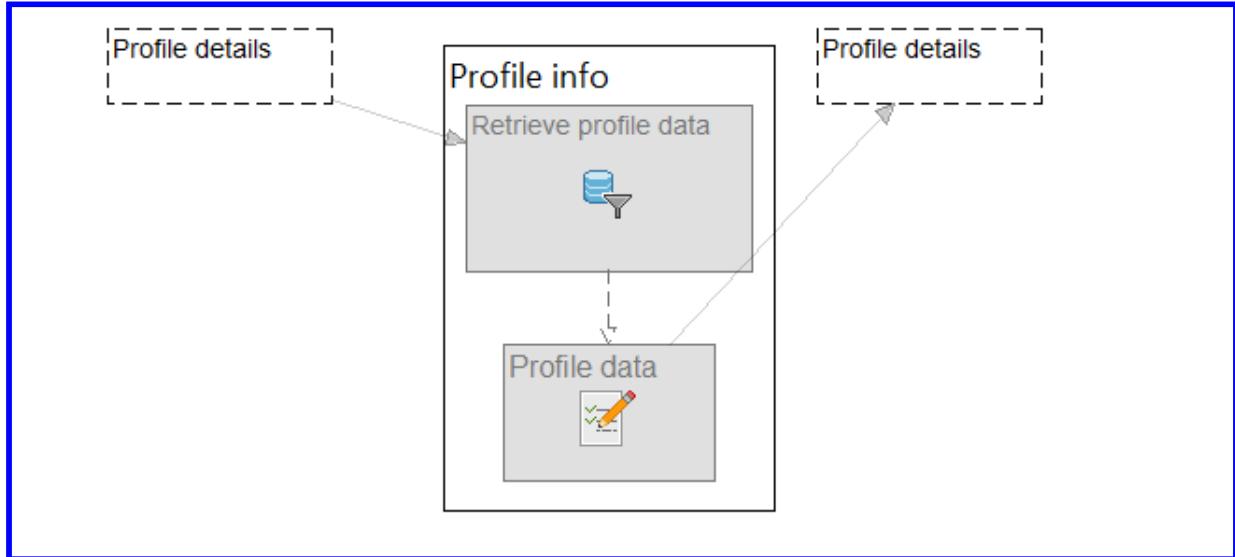
7.18.3.2. Internal Link List

 [ModifyUnit] [Update profile](#) /  OKFlow23

General properties	
Name	OKFlow23
Source	[ModifyUnit] Update profile
Target	 OK
Automatic Binding	true

7.19. [Page] Profile info

 [Project](#) /  [Module Definitions](#) /  [Profile details](#) /  [Profile info](#)



7.19.1. Property Section

General properties	
Name	Profile info
URL Fragment	Value

7.19.2. Summary Section

7.19.2.1. Component Summary

 [EntryUnit] [Profile data](#)
 [SelectorUnit] [Retrieve profile data](#)

7.19.2.2. Incoming Flow Summary

 [OKFlow27](#) from  [Profile details](#) /  [InputCollectorUnit] [Input Port](#) to  [SelectorUnit] [Retrieve profile data](#)

7.19.2.3. Outgoing Flow Summary

 Cancel	from  [EntryUnit] Profile data	to  Profile details /  [OKCollectorUnit] OK
 Save	from  [EntryUnit] Profile data	to  Profile details /  [ModifyUnit] Update profile

7.19.3. Details Section

 [EntryUnit] [Profile data](#)

General properties					
Name	Profile data				
Entity	User				
Field Order	Username Email First name Last name				
Flow Order	→ Save → Cancel				
Incoming Parameter			Outgoing Parameter		
Email	Email [SelectorUnit] Retrieve profile data.	…> Flow23	Email	Profile details / [ModifyUnit] Update profile.	→ Save
First name	FirstName [SelectorUnit] Retrieve profile data.	…> Flow23	First name	Profile details / [ModifyUnit] Update profile.	→ Save
Key Condition [oid]	oid [SelectorUnit] Retrieve profile data.	…> Flow23	Key [oid]	KeyCondition8[oid] Profile details / [ModifyUnit] Update profile.	→ Save
Last name	LastName [SelectorUnit] Retrieve profile data.	…> Flow23	Last name	Profile details / [ModifyUnit] Update profile.	→ Save
Username	UserName [SelectorUnit] Retrieve profile data.	…> Flow23	User Object	None	
			Username	Profile details / [ModifyUnit] Update profile.	→ Save

SubUnit List

[EntryUnit] Profile data / Username

General properties	
Name	Username
Attribute	User Name
Type	string
Preloaded	true

[EntryUnit] Profile data / Email

General properties	
Name	Email
Attribute	Email
Type	string
Preloaded	true

[EntryUnit] Profile data / First name

General properties	
Name	First name
Attribute	FirstName
Type	string
Preloaded	true

[EntryUnit] Profile data / Last name

General properties	
Name	Last name
Attribute	LastName
Type	string
Preloaded	true

ValidationRule List

[EntryUnit] Profile data / Username / ✓ mandatory field

General properties	
--------------------	--

Name	mandatory field
------	-----------------

Predicate	
-----------	--

[EntryUnit] Profile data / Email / Email validation

General properties	
--------------------	--

Name	Email validation
------	------------------

Error Message	Invalid Email
---------------	---------------

[EntryUnit] Profile data / Email / mandatory field

General properties	
--------------------	--

Name	mandatory field
------	-----------------

Predicate	
-----------	--

[EntryUnit] Profile data / First name / mandatory field

General properties	
--------------------	--

Name	mandatory field
------	-----------------

Predicate	
-----------	--

[EntryUnit] Profile data / Last name / mandatory field

General properties	
--------------------	--

Name	mandatory field
------	-----------------

Predicate	
-----------	--

[SelectorUnit] Retrieve profile data

General properties	
--------------------	--

Name	Retrieve profile data
------	-----------------------

Entity	User
--------	------

Attributes	@ User Name @ Email @ FirstName @ LastName @ oid
------------	--

Incoming Parameter	
--------------------	--

KeyCondition17 [oid]	Profilekey OKFlow27 [InputCollectorUnit] Input Port.
----------------------	---

Max Results	None
-------------	------

Outgoing Parameter	
--------------------	--

Email	Email [EntryUnit] Profile data.	Flow23
FirstName	Firstname [EntryUnit] Profile data.	Flow23
LastName	Lastname [EntryUnit] Profile data.	Flow23
Password	None	
User Name	Username [EntryUnit] Profile data.	Flow23
UserToCurriculum.oid	None	
defaultGroup.oid	None	
isApproved	None	
oid	KeyCondition[oid] [EntryUnit] Profile data.	Flow23

SubUnit List

[SelectorUnit] Retrieve profile data /

General properties	
--------------------	--

Default Policy	Fill
----------------	------

Boolean Operator	And
------------------	-----

[SelectorUnit] [Retrieve profile data](#) / [Conditional Expression](#) / [KeyCondition17](#)

General properties	
Name	KeyCondition17
Predicate	In
Required	True

7.19.3.1. Outgoing Link List

[EntryUnit] [Profile data](#) / → Cancel

General properties	
Name	Cancel
Source	[EntryUnit] Profile data
Target	OK
Type	normal
Automatic Binding	true
Validate	true

[EntryUnit] [Profile data](#) / → Save

General properties	
Name	Save
Source	[EntryUnit] Profile data
Target	Update profile
Type	normal
Validate	true

7.19.3.2. Internal Link List

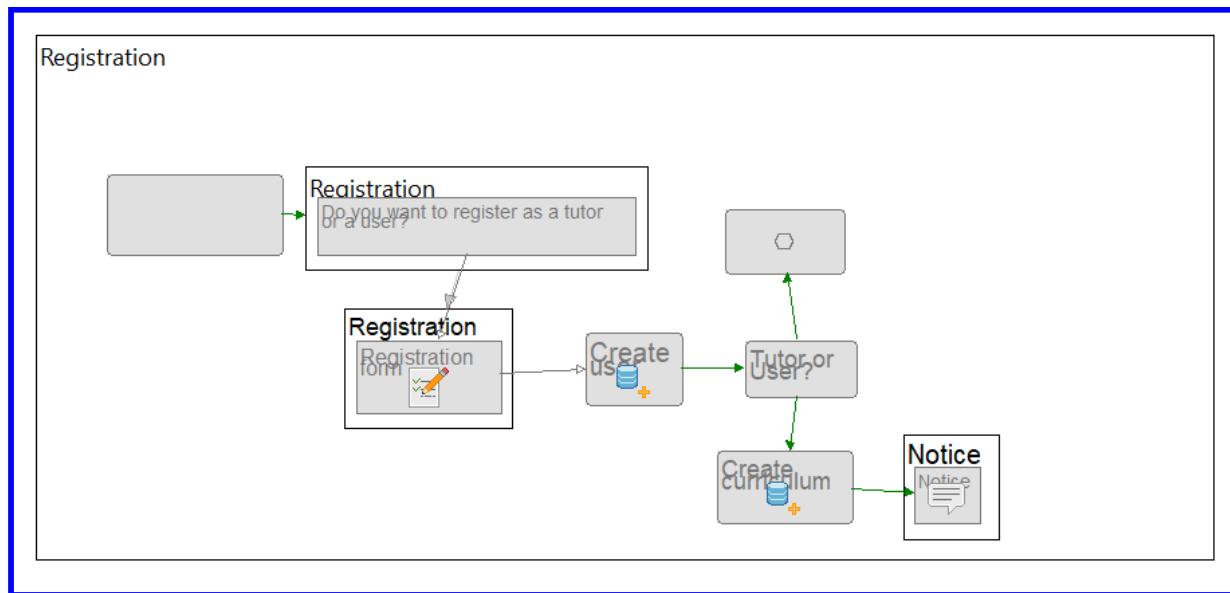
[SelectorUnit] [Retrieve profile data](#) / → Flow23

General properties	
Name	Flow23
Source	[SelectorUnit] Retrieve profile data
Target	Profile data
Type	transport
Validate	true

7.20. [HybridModule] Registration

[Project](#) / [Module Definitions](#) / [Registration](#)





7.20.1. Property Section

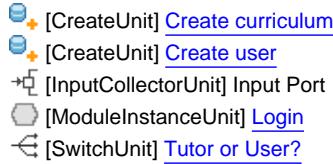
General properties	
Name	Registration

7.20.2. Summary Section

7.20.2.1. Page Summary



7.20.2.2. Component Summary



7.20.2.3. Incoming Flow Summary

→ [Confirm](#) from [Registration](#) / [EntryUnit] [Registration form](#) to [CreateUnit] [Create user](#)

7.20.2.4. Outgoing Flow Summary

→ OKFlow42	from [CreateUnit] Create curriculum	to Notice / [MultiMessageUnit] Notice
→ OKFlow7	from [InputPort] Input Port	to Registration

7.20.2.5. Internal Flow Summary

→ OKFlow38	from [CreateUnit] Create user	to [SwitchUnit] Tutor or User?
→ OKFlow39	from [SwitchUnit] Tutor or User?	to [ModuleInstanceUnit] Login
→ OKFlow41	from [SwitchUnit] Tutor or User?	to [CreateUnit] Create curriculum

7.20.3. Details Section

[CreateUnit] Create curriculum

General properties	
Name	Create curriculum
Entity	Curriculum

○ Incoming Parameter		○ Outgoing Parameter	
Curriculum	Curriculum Registration / [EntryUnit] Registration form.	→ Confirm → OKFlow38 → OKFlow41	Curriculum None
Curriculum Object	Curriculum Registration / [EntryUnit] Registration form.	→ Confirm → OKFlow38 → OKFlow41	oid None
Curriculum [file name]	Curriculum Registration / [EntryUnit] Registration form.	→ Confirm → OKFlow38 → OKFlow41	
User.oid(CurriculumToUser)	oid + [CreateUnit] Create user	→ OKFlow38 → OKFlow41	
oid	None		

✉ [CreateUnit] Create user

General properties	
Name	Create user
Entity	User

Incoming Parameter		Outgoing Parameter	
Comment.oid(UserToComment)	None	Email	None
Course.followed.oid(UserToCourses.followed)	None	FirstName	None
Course.oid(UserToCourse)	None	LastName	None
Curriculum.oid(UserToCurriculum)	None	Password	Password [ModuleInstanceUnit] Login. → OKFlow38 → OKFlow39
Email	Email Registration / [EntryUnit] Registration form.	User Name	Username [ModuleInstanceUnit] Login. → OKFlow38 → OKFlow39
Feedback.oid(UserToFeedback)	None	isApproved	None
FirstName	Firstname Registration / [EntryUnit] Registration form.	oid	User.oid(CurriculumToUser) [CreateUnit] Create curriculum. → OKFlow38 → OKFlow41
Group.oid(defaultGroup)	Group[Groupid] Registration / [EntryUnit] Do you want to register as a tutor or a user?.		→ Continue → Confirm
Group.oid(groups)	Group[Groupid] Registration / [EntryUnit] Do you want to register as a tutor or a user?.		→ Continue → Confirm
LastName	Lastname Registration / [EntryUnit] Registration form.		→ Confirm
Password	Password Registration / [EntryUnit] Registration form.		→ Confirm
Post.oid(UserToPost)	None		
Private message.oid(UserToPrivate message)	None		
Support.oid(UserToSupport)	None		
User Name	Username Registration / [EntryUnit] Registration form.		→ Confirm
User Object	UserObject Registration / [EntryUnit] Registration form.		→ Confirm
isApproved	Group[Approved] Registration / [EntryUnit] Do you want to register as a tutor or a user?.		→ Continue → Confirm
oid	None		

⌚ [ModuleInstanceUnit] Login

General properties	
Module	⌚ Login
Incoming Parameter	
Password	Password 📡 [CreateUnit] Create user.
Username	UserName 📡 [CreateUnit] Create user.
	→ OKFlow38 → OKFlow39
	→ OKFlow38 → OKFlow39

⇄ [SwitchUnit] Tutor or User?

General properties	
Name	Tutor or User?
Case Values	1
	2
Incoming Parameter	
Switch	Group[Groupid] 📄 Registration / 📋 [EntryUnit] Do you want to register as a tutor or a user?.
	→ Continue → Confirm → OKFlow38

7.20.3.1. Outgoing Link List

⌚ [CreateUnit] [Create curriculum](#) / → OKFlow42

General properties	
Name	OKFlow42
Source	⌚ [CreateUnit] Create curriculum
Target	✉️ Notice

→ ↗ [InputCollectorUnit] Input Port / → OKFlow7

General properties	
Name	OKFlow7
Source	→ ↗ [InputCollectorUnit] Input Port
Target	📄 Registration
Automatic Binding	true

7.20.3.2. Internal Link List

⌚ [CreateUnit] [Create user](#) / → OKFlow38

General properties	
Name	OKFlow38
Source	⌚ [CreateUnit] Create user
Target	⇄ Tutor or User?

⇄ [SwitchUnit] [Tutor or User?](#) / → OKFlow39

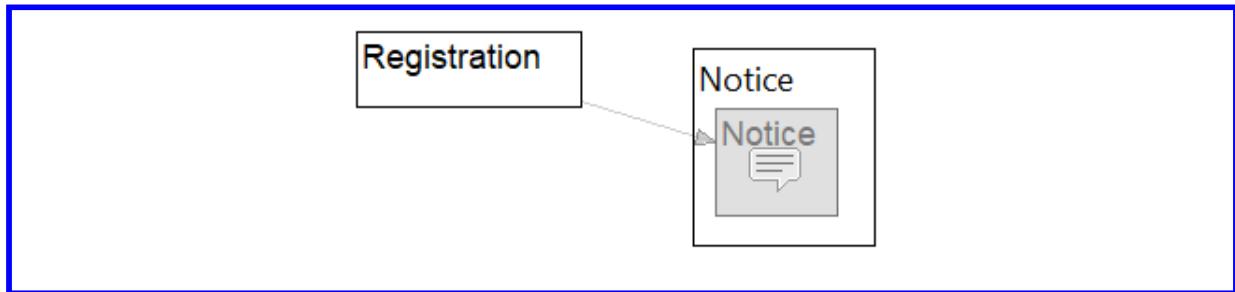
General properties	
Name	OKFlow39
Source	⇄ [SwitchUnit] Tutor or User?
Target	⌚ Login
Code	1

« [SwitchUnit] [Tutor or User?](#) / [OKFlow41](#)

General properties	
Name	OKFlow41
Source	[SwitchUnit] Tutor or User?
Target	Create curriculum
Code	2

7.21. [Page] Notice

[Project](#) / [Module Definitions](#) / [Registration](#) / [Notice](#)



7.21.1. Property Section

General properties	
Name	Notice
URL Fragment	Value

7.21.2. Summary Section

7.21.2.1. Component Summary

[\[MultiMessageUnit\] Notice](#)

7.21.2.2. Incoming Flow Summary

[OKFlow42](#) from [Registration](#) / [Create curriculum](#) to [\[MultiMessageUnit\] Notice](#)

7.21.3. Details Section

[\[MultiMessageUnit\] Notice](#)

General properties	
Name	Notice
Incoming Parameter	
Shown Messages	The administrator must approve your request. Once your request has been evaluated, you will receive an email sent to the address used for registration. User / Email

7.22. [Page] Registration

[Project](#) / [Module Definitions](#) / [Registration](#) / [Registration](#)





7.22.1. Property Section

General properties	
Name	Registration
URL Fragment	Value

7.22.2. Summary Section

7.22.2.1. Component Summary

[EntryUnit] [Do you want to register as a tutor or a user?](#)

7.22.2.2. Incoming Flow Summary

→ [OKFlow7](#) from [Registration](#) / [InputCollectorUnit] Input Port to [Registration](#)

7.22.2.3. Outgoing Flow Summary

→ [Continue](#) from [EntryUnit] [Do you want to register as a tutor or a user?](#) to [Registration](#) / [EntryUnit] [Registration form](#)

7.22.3. Details Section

[EntryUnit] [Do you want to register as a tutor or a user?](#)

General properties	
Name	Do you want to register as a tutor or a user?
Flow Order	→ Continue
Incoming Parameter	
Group[App rooved]	None
Group[App rooved] - Preselecti on	None
Group[Gro up id]	None
Group[Gro up id] - Preselecti on	None
Group[User or Tutor]	None
Outgoing Parameter	
	Group[App rooved] isApproved Registration / [CreateUnit] Create user. → Continue → Confirm
	Group[Gro up id] Group.oid(defaultGroup) Registration / [CreateUnit] Create user. → Continue → Confirm
	Group.oid(groups) Registration / [CreateUnit] Create user. → Continue → Confirm
	Switch Registration / [SwitchUnit] Tutor or User?. → Continue → Confirm → OKFlow38
	Registration / isTutor → Continue

SubUnit List

[EntryUnit] [Do you want to register as a tutor or a user?](#) / Group

General properties	
Name	Group
Type	string
Split Output	true

[EntryUnit] Do you want to register as a tutor or a user? /  Group /  User or Tutor

 General properties

Name	User or Tutor
Value	User Tutor
Output	false

[EntryUnit] Do you want to register as a tutor or a user? /  Group /  Group id

 General properties

Name	Group id
Value	1 2
Label	false

[EntryUnit] Do you want to register as a tutor or a user? /  Group /  Approved

 General properties

Name	Approved
Value	1 0
Label	false

ValidationRule List

[EntryUnit] Do you want to register as a tutor or a user? /  Group /  Mandatory group

 General properties

Name	Mandatory group
Predicate	
Error Message	Obbligatory field

7.22.3.1. Outgoing Link List

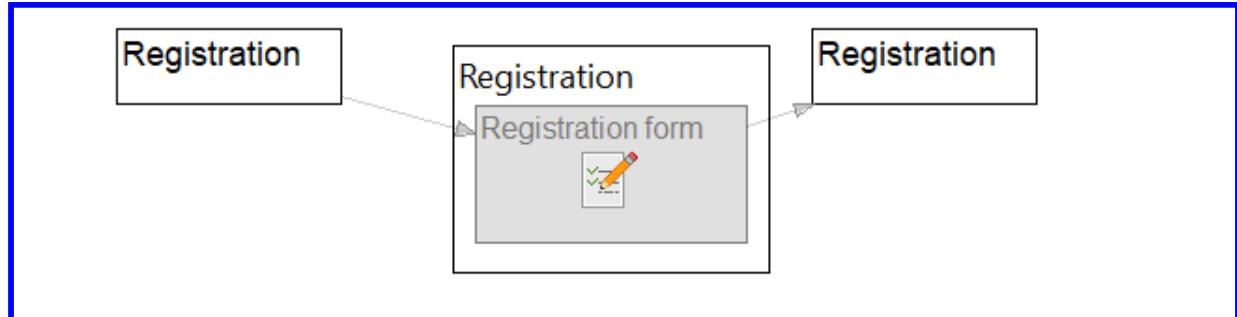
[EntryUnit] Do you want to register as a tutor or a user? / → Continue

 General properties

Name	Continue
Source	<input checked="" type="checkbox"/> [EntryUnit] Do you want to register as a tutor or a user?
Target	<input checked="" type="checkbox"/> Registration form
Type	normal
Validate	true

7.23. [Page] Registration

 Project /  Module Definitions /  Registration /  Registration



7.23.1. Property Section

 General properties

Name	Registration
URL Fragment	Value

7.23.2. Summary Section

7.23.2.1. ConditionExpression Summary

[[TutorOrUser](#)

7.23.2.2. Component Summary

[EntryUnit] [Registration form](#)

7.23.2.3. Variable Summary

[isTutor](#)

7.23.2.4. Incoming Flow Summary

→ [Continue](#)

from [Registration](#) / [EntryUnit] [Do you want to register](#) to [EntryUnit] [Registration form](#) as a tutor or a user?

7.23.2.5. Outgoing Flow Summary

→ [Confirm](#)

from [EntryUnit] [Registration form](#)

to [Registration](#) / [CreateUnit] [Create user](#)

7.23.3. Details Section

7.23.3.1. ConditionExpression List

[[TutorOrUser](#)

General properties	
Name	TutorOrUser

[EntryUnit] Registration form

General properties	
Name	Registration form
Entity	User
Field Order	Username Password Confirm password Email First name Last name Curriculum Terms and Conditions
Flow Order	→ Confirm

Incoming Parameter		Outgoing Parameter	
Key Condition [oid]	None	Confirm password	None
Terms and Conditions	None	Curriculum	Curriculum[Registration / [CreateUnit] Create curriculum. → Confirm → OKFlow38 → OKFlow41]
Terms and Conditions - Preselection	None	CurriculumObject	CurriculumObject[Registration / [CreateUnit] Create curriculum. → Confirm → OKFlow38 → OKFlow41]
		Curriculum[filename]	Curriculum[filename][Registration / [CreateUnit] Create curriculum. → Confirm → OKFlow38 → OKFlow41]
		Email	Email[Registration / [CreateUnit] Create user. → Confirm]
		First name	FirstName[Registration / [CreateUnit] Create user. → Confirm]
		Last name	LastName[Registration / [CreateUnit] Create user. → Confirm]
		Password	Password[Registration / [CreateUnit] Create user. → Confirm]
		Terms and Conditions	None
		User Object	UserObject[Registration / [CreateUnit] Create user. → Confirm]
		Username	UserName[Registration / [CreateUnit] Create user. → Confirm]

SubUnit List

[EntryUnit] Registration form /  Username

General properties	
Name	Username
Type	string

[EntryUnit] Registration form /  Password

General properties	
Name	Password
Type	password

[EntryUnit] Registration form /  Confirm password

General properties	
Name	Confirm password
Type	password
Content Type	text/plain

[EntryUnit] Registration form /  Email

General properties	
Name	Email
Type	string

[EntryUnit] Registration form /  First name

General properties	
Name	First name
Type	string

[EntryUnit] Registration form /  Last name

General properties	
Name	Last name
Type	string

[EntryUnit] Registration form / Curriculum

General properties	
Name	Curriculum
Type	blob
Content Type	application/pdf

[EntryUnit] Registration form / Terms and Conditions

General properties	
Name	Terms and Conditions
Type	string

[EntryUnit] Registration form / Terms and Conditions / Accept Terms and Conditions

General properties	
Name	Accept Terms and Conditions
Value	Accept Terms and Conditions

ValidationRule List

[EntryUnit] Registration form / Username / Mandatory username

General properties	
Name	Mandatory username
Predicate	
Error Message	Obbligatory field

[EntryUnit] Registration form / Password / Mandatory password

General properties	
Name	Mandatory password
Predicate	
Error Message	Obbligatory field

[EntryUnit] Registration form / Confirm password / Require Same Password

General properties	
Name	Require Same Password
Predicate	Equal
Value Field	Password
Error Message	This field and password have to be equal!

[EntryUnit] Registration form / Confirm password / Mandatory password

General properties	
Name	Mandatory password
Predicate	
Error Message	Obbligatory field

[EntryUnit] Registration form / Email / Mandatory email

General properties	
Name	Mandatory email
Predicate	
Error Message	Obbligatory field

[EntryUnit] Registration form / Email / Email validation

General properties	
Name	Email validation
Error Message	Invalid Email

[EntryUnit] Registration form / First name / Mandatory first name

General properties	
Name	Mandatory first name
Predicate	
Error Message	Obbligatory field

[EntryUnit] Registration form / Last name / Mandatory last name

General properties	
Name	Mandatory last name
Predicate	
Error Message	Obbligatory field

[EntryUnit] Registration form / Curriculum / Mandatory curriculum

General properties	
Name	Mandatory curriculum
Predicate	
Error Message	Obbligatory field

[EntryUnit] Registration form / Terms and Conditions / Mandatory terms and conditions

General properties	
Name	Mandatory terms and conditions
Predicate	
Error Message	Obbligatory field

7.23.3.2. Variable List

◆ isTutor

General properties	
Name	isTutor
Type	integer
Incoming Parameter	
Group[Groupid]	Registration / [EntryUnit] Do you want to register as a tutor or a user?.
	→ Continue

7.23.3.3. Outgoing Link List

[EntryUnit] Registration form / → Confirm

General properties	
Name	Confirm
Source	[EntryUnit] Registration form
Target	+ Create user
Type	normal
Validate	true