

Study IS - Analytical diagrams

BaraB

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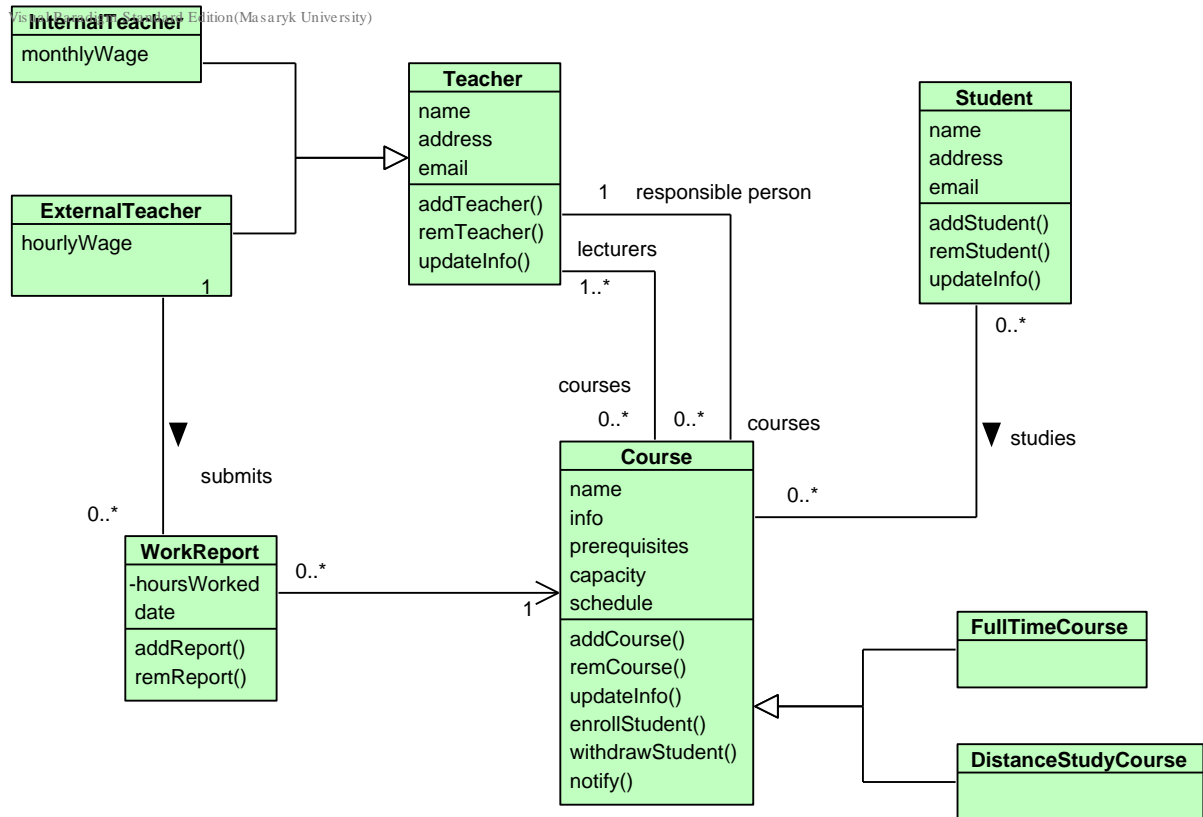
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Class Diagram

ClassDiagram1



Name	Value
Name	ClassDiagram1
Author	veronika.lovrantova
Create Date Time	29.11.2013 12:21:51
Last Modified	11.11.2014 23:59:21
Shape Presentation Option	0

Summary

Name	Documentation
InternalTeacher	
Teacher	
Student	
ExternalTeacher	
Course	
WorkReport	
FullTimeCourse	
DistanceStudyCourse	

Details


InternalTeacher

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Project Management	Name	Value
	Author	veronika.lovrantova
	Create Date Time	29.11.2013 12:25:09
	Last Modified	29.11.2013 12:32:17

Attributes

monthlyWage			
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Is ID	false		
Leaf	false		
Project Management	Name	Value	
	Author	veronika.lovrantova	
	Create Date Time	29.11.2013 12:25:22	
	Last Modified	29.11.2013 12:32:17	

Relationships

Unnamed Generalization		
From	 Teacher	
Substitutable	false	
Visibility	Unspecified	
Project Management	Name	Value
	Author	veronika.lovrantova
	Create Date Time	29.11.2013 12:29:42
	Last Modified	29.11.2013 12:32:17

Teacher

Name	Value
------	-------

Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Project Management	Name	Value
	Author	veronika.lovrantova
	Create Date Time	29.11.2013 12:26:57
	Last Modified	29.11.2013 12:47:28

Attributes

name			
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Is ID	false		
Leaf	false		
Project Management	Name	Value	
	Author	veronika.lovrantova	
	Create Date Time	29.11.2013 12:27:19	
	Last Modified	29.11.2013 12:32:17	

address			
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Is ID	false		
Leaf	false		
Project Management	Name	Value	
	Author	veronika.lovrantova	
	Create Date Time	29.11.2013 12:27:02	
	Last Modified	29.11.2013 12:32:17	

email			
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Is ID	false		
Leaf	false		
Project Management	Name		Value
	Author	veronika.lovrantova	
	Create Date Time	29.11.2013 12:27:11	
	Last Modified	29.11.2013 12:32:17	

Operations



addTeacher ()			
Leaf	false		
Ordered	false		
Unique	true		
Query	false		
Project Management	Name		Value
	Author	veronika.lovrantova	
	Create Date Time	29.11.2013 12:29:04	
	Last Modified	29.11.2013 12:32:17	

remTeacher ()			
Leaf	false		
Ordered	false		
Unique	true		
Query	false		
Project Management	Name		Value
	Author	veronika.lovrantova	
	Create Date Time	29.11.2013 12:29:13	
	Last Modified	29.11.2013 12:32:17	



updateInfo ()	
Leaf	false
Ordered	false
Unique	true
Query	false

Project Management	Name	Value
	Author	veronika.lovrantova
	Create Date Time	29.11.2013 12:29:17
	Last Modified	29.11.2013 12:32:17



Relationships

Unnamed Generalization		
To	 InternalTeacher	
Substitutable	false	
Visibility	Unspecified	
Project Management	Name	Value
	Author	veronika.lovrantova
	Create Date Time	29.11.2013 12:29:42
	Last Modified	29.11.2013 12:32:17
Unnamed Generalization		
To	 ExternalTeacher	
Substitutable	false	
Visibility	Unspecified	
Project Management	Name	Value
	Author	veronika.lovrantova
	Create Date Time	29.11.2013 12:29:44
	Last Modified	29.11.2013 12:32:17

Unnamed Association		
---------------------	--	--

To (courses)	Name		Value	
	End Model Element	 Course		
	Provide Property Getter Method	false		
	Provide Property Setter Method	false		
	Multiplicity	0..*		
	Visibility	Unspecified		
	Aggregation Kind	None		
	Navigable	Navigable		
	Derived	false		
	Derived Union	false		
	Read Only	false		
	Static	false		
	Leaf	false		
	Type	 Course		
	Project Management	Name		Value
Author		veronika.lovrantova		
Create Date Time		29.11.2013 12:40:17		
Abstract	false			
Leaf	false			
Visibility	Unspecified			
Derived	false			
Project Management	Name		Value	
	Author	veronika.lovrantova		
	Create Date Time	29.11.2013 12:40:17		
	Last Modified	24.6.2014 20:08:16		

responsible person : Association

From (courses)	Name	Value	
	End Model Element	 Course	
	Provide Property Getter Method	false	
	Provide Property Setter Method	false	
	Multiplicity	0..*	
	Visibility	Unspecified	
	Aggregation Kind	None	
	Navigable	Navigable	
	Derived	false	
	Derived Union	false	
	Read Only	false	
	Static	false	
	Leaf	false	
	Type	 Course	
	Project Management	Name	Value
Author		veronika.lovrantova	
Create Date Time		29.11.2013 12:40:52	
Abstract	false		
Leaf	false		
Visibility	Unspecified		
Derived	false		
Project Management	Name	Value	
	Author	veronika.lovrantova	
	Create Date Time	29.11.2013 12:40:52	
	Last Modified	29.11.2013 12:42:28	

Student

Name	Value		
Active	false		
Business Key Mutable	true		
Business Model	false		
Visibility	public		
Leaf	false		
Root	false		
Project Management	Name	Value	
	Author	veronika.lovrantova	
	Create Date Time	29.11.2013 12:41:50	
	Last Modified	29.11.2013 12:47:28	

Attributes

name			
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Is ID	false		
Leaf	false		
Project Management	Name		Value
	Author		veronika.lovrantova
	Create Date Time		29.11.2013 12:41:54
	Last Modified		29.11.2013 12:42:28

address			
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Is ID	false		
Leaf	false		
Project Management	Name		Value
	Author		veronika.lovrantova
	Create Date Time		29.11.2013 12:41:56
	Last Modified		29.11.2013 12:42:28

email			
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Is ID	false		
Leaf	false		

Project Management	Name	Value
	Author	veronika.lovrantova
	Create Date Time	29.11.2013 12:41:59
	Last Modified	29.11.2013 12:42:28

Operations



addStudent ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Author	veronika.lovrantova
	Create Date Time	29.11.2013 12:42:05
	Last Modified	29.11.2013 12:42:28

remStudent ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Author	veronika.lovrantova
	Create Date Time	29.11.2013 12:42:07
	Last Modified	29.11.2013 12:42:28

updateInfo ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Author	veronika.lovrantova
	Create Date Time	29.11.2013 12:42:10
	Last Modified	29.11.2013 12:42:28

Relationships

studies : Association

To	Name	Value	
	End Model Element	 Course	
	Provide Property Getter Method	false	
	Provide Property Setter Method	false	
	Multiplicity	0..*	
	Visibility	Unspecified	
	Aggregation Kind	None	
	Navigable	Navigable	
	Derived	false	
	Derived Union	false	
	Read Only	false	
	Static	false	
	Leaf	false	
	Type	 Course	
	Project Management	Name	Value
Author		veronika.lovrantova	
Create Date Time		29.11.2013 12:42:27	
Abstract	false		
Leaf	false		
Visibility	Unspecified		
Derived	false		
Project Management	Name	Value	
	Author	veronika.lovrantova	
	Create Date Time	29.11.2013 12:42:27	
	Last Modified	29.11.2013 12:47:28	



ExternalTeacher


Name	Value		
Active	false		
Business Key Mutable	true		
Business Model	false		
Visibility	public		
Leaf	false		
Root	false		
Project Management	Name	Value	
	Author	veronika.lovrantova	
	Create Date Time	29.11.2013 12:25:16	
	Last Modified	29.11.2013 12:42:28	

Attributes

hourlyWage			
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Is ID	false		
Leaf	false		
Project Management	Name		Value
	Author	veronika.lovrantova	
	Create Date Time	29.11.2013 12:25:33	
	Last Modified	29.11.2013 12:32:17	

Relationships

Unnamed Association			
To (submits)	Name		Value
	End Model Element	 WorkReport	
	Provide Property Getter Method	false	
	Provide Property Setter Method	false	
	Multiplicity	0..*	
	Visibility	Unspecified	
	Aggregation Kind	None	
	Navigable	Navigable	
	Derived	false	
	Derived Union	false	
	Read Only	false	
	Static	false	
	Leaf	false	
	Type	 WorkReport	
	Project Management	Name	
Author		veronika.lovrantova	
Create Date Time		29.11.2013 12:30:28	
Abstract	false		
Leaf	false		
Visibility	Unspecified		
Derived	false		

Project Management	Name	Value
	Author	veronika.lovrantova
	Create Date Time	29.11.2013 12:30:28
	Last Modified	29.11.2013 12:42:28
Unnamed Generalization		
From	 Teacher	
Substitutable	false	
Visibility	Unspecified	
Project Management	Name	Value
	Author	veronika.lovrantova
	Create Date Time	29.11.2013 12:29:44
	Last Modified	29.11.2013 12:32:17

Course

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Project Management	Name	Value
	Author	veronika.lovrantova
	Create Date Time	29.11.2013 12:36:10
	Last Modified	24.6.2014 20:08:16

Attributes

name			
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Is ID	false		
Leaf	false		
Project Management	Name	Value	
	Author	veronika.lovrantova	
	Create Date Time	29.11.2013 12:37:02	
	Last Modified	29.11.2013 12:42:28	

info			
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Is ID	false		
Leaf	false		
Project Management	Name		Value
	Author		veronika.lovrantova
	Create Date Time		29.11.2013 12:37:07
	Last Modified		29.11.2013 12:42:28

prerequisites			
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Is ID	false		
Leaf	false		
Project Management	Name		Value
	Author		veronika.lovrantova
	Create Date Time		29.11.2013 12:37:13
	Last Modified		29.11.2013 12:42:28

capacity			
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Is ID	false		
Leaf	false		

Project Management	Name	Value
	Author	veronika.lovrantova
	Create Date Time	29.11.2013 12:37:18
	Last Modified	29.11.2013 12:42:28

schedule			
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Is ID	false		
Leaf	false		
Project Management	Name	Value	
	Author	veronika.lovrantova	
	Create Date Time	29.11.2013 12:37:21	
	Last Modified	29.11.2013 12:42:28	

Operations

addCourse ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Author	veronika.lovrantova
	Create Date Time	29.11.2013 12:37:31
	Last Modified	29.11.2013 12:42:28

remCourse ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Author	veronika.lovrantova
	Create Date Time	29.11.2013 12:37:34
	Last Modified	29.11.2013 12:42:28

updateInfo ()		
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Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Author	veronika.lovrantova
	Create Date Time	29.11.2013 12:37:37
	Last Modified	29.11.2013 12:42:28





enrollStudent ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Author	veronika.lovrantova
	Create Date Time	29.11.2013 12:37:40
	Last Modified	29.11.2013 12:42:28

withdrawStudent ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Author	veronika.lovrantova
	Create Date Time	29.11.2013 12:37:45
	Last Modified	29.11.2013 12:42:28



notify ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Author	veronika.lovrantova
	Create Date Time	29.11.2013 12:37:50
	Last Modified	24.6.2014 20:08:16

Relationships

responsible person : Association



To	Name		Value	
	End Model Element	 Teacher		
	Provide Property Getter Method	false		
	Provide Property Setter Method	false		
	Multiplicity	1		
	Visibility	Unspecified		
	Aggregation Kind	None		
	Navigable	Navigable		
	Derived	false		
	Derived Union	false		
	Read Only	false		
	Static	false		
	Leaf	false		
	Type	 Teacher		
	Project Management	Name		Value
Author		veronika.lovrantova		
Create Date Time		29.11.2013 12:40:52		
Abstract	false			
Leaf	false			
Visibility	Unspecified			
Derived	false			
Project Management	Name		Value	
	Author	veronika.lovrantova		
	Create Date Time	29.11.2013 12:40:52		
	Last Modified	29.11.2013 12:42:28		
Unnamed Generalization				
To	 FullTimeCourse			
Substitutable	false			
Visibility	Unspecified			
Project Management	Name		Value	
	Author	veronika.lovrantova		
	Create Date Time	29.11.2013 12:43:35		
	Last Modified	29.11.2013 12:47:28		
Unnamed Generalization				
To	 DistanceStudyCourse			
Substitutable	false			
Visibility	Unspecified			

Project Management	Name	Value
	Author	veronika.lovrantova
	Create Date Time	29.11.2013 12:43:38
	Last Modified	29.11.2013 12:47:28

Unnamed Association										
From	Name	Value								
	End Model Element	 WorkReport								
	Provide Property Getter Method	false								
	Provide Property Setter Method	false								
	Multiplicity	0..*								
	Visibility	Unspecified								
	Aggregation Kind	None								
	Navigable	Unspecified								
	Derived	false								
	Derived Union	false								
	Read Only	false								
	Static	false								
	Leaf	false								
	Type	 WorkReport								
	Project Management	<table border="1"> <thead> <tr> <th>Name</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>Author</td> <td>veronika.lovrantova</td> </tr> <tr> <td>Create Date Time</td> <td>29.11.2013 12:38:24</td> </tr> </tbody> </table>	Name	Value	Author	veronika.lovrantova	Create Date Time	29.11.2013 12:38:24		
Name	Value									
Author	veronika.lovrantova									
Create Date Time	29.11.2013 12:38:24									
Abstract	false									
Leaf	false									
Visibility	Unspecified									
Derived	false									
Project Management	<table border="1"> <thead> <tr> <th>Name</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>Author</td> <td>veronika.lovrantova</td> </tr> <tr> <td>Create Date Time</td> <td>29.11.2013 12:38:24</td> </tr> <tr> <td>Last Modified</td> <td>29.11.2013 12:42:28</td> </tr> </tbody> </table>	Name	Value	Author	veronika.lovrantova	Create Date Time	29.11.2013 12:38:24	Last Modified	29.11.2013 12:42:28	
Name	Value									
Author	veronika.lovrantova									
Create Date Time	29.11.2013 12:38:24									
Last Modified	29.11.2013 12:42:28									
Unnamed Association										

From (lecturers)	Name		Value	
	End Model Element	Teacher		
	Provide Property Getter Method	false		
	Provide Property Setter Method	false		
	Multiplicity	1..*		
	Visibility	Unspecified		
	Aggregation Kind	None		
	Navigable	Navigable		
	Derived	false		
	Derived Union	false		
	Read Only	false		
	Static	false		
	Leaf	false		
	Type	Teacher		
	Project Management	Name		Value
Author		veronika.lovrantova		
Create Date Time		29.11.2013 12:40:17		
Abstract	false			
Leaf	false			
Visibility	Unspecified			
Derived	false			
Project Management	Name		Value	
	Author	veronika.lovrantova		
	Create Date Time	29.11.2013 12:40:17		
	Last Modified	24.6.2014 20:08:16		

studies : Association

From	Name	Value	
	End Model Element	 Student	
	Provide Property Getter Method	false	
	Provide Property Setter Method	false	
	Multiplicity	0..*	
	Visibility	Unspecified	
	Aggregation Kind	None	
	Navigable	Navigable	
	Derived	false	
	Derived Union	false	
	Read Only	false	
	Static	false	
	Leaf	false	
	Type	 Student	
	Project Management	Name	Value
Author		veronika.lovrantova	
Create Date Time		29.11.2013 12:42:27	
Abstract	false		
Leaf	false		
Visibility	Unspecified		
Derived	false		
Project Management	Name	Value	
	Author	veronika.lovrantova	
	Create Date Time	29.11.2013 12:42:27	
	Last Modified	29.11.2013 12:47:28	

WorkReport

Name	Value		
Active	false		
Business Key Mutable	true		
Business Model	false		
Visibility	public		
Leaf	false		
Root	false		
Project Management	Name	Value	
	Author	veronika.lovrantova	
	Create Date Time	29.11.2013 12:29:50	
	Last Modified	24.6.2014 20:08:16	

Attributes

private hoursWorked			
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Is ID	false		
Leaf	false		
Project Management	Name		Value
	Author	BaraB	
	Create Date Time	24.6.2014 20:06:19	
	Last Modified	24.6.2014 20:08:16	



date			
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Is ID	false		
Leaf	false		
Project Management	Name		Value
	Author	veronika.lovrantova	
	Create Date Time	29.11.2013 12:29:58	
	Last Modified	29.11.2013 12:32:17	



Operations

addReport ()			
Leaf	false		
Ordered	false		
Unique	true		
Query	false		
Project Management	Name		Value
	Author	veronika.lovrantova	
	Create Date Time	29.11.2013 12:30:12	
	Last Modified	29.11.2013 12:32:17	

remReport ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Author	veronika.lovrantova
	Create Date Time	29.11.2013 12:30:17
	Last Modified	29.11.2013 12:32:17

Relationships


Unnamed Association		
To	Name	Value
	End Model Element	 Course
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	1
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	Navigable
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
	Type	 Course
	Project Management	Name
Author		veronika.lovrantova
Create Date Time		29.11.2013 12:38:24
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Derived	false	
Project Management	Name	Value
	Author	veronika.lovrantova
	Create Date Time	29.11.2013 12:38:24
	Last Modified	29.11.2013 12:42:28
Unnamed Association		

From	Name	Value	
	End Model Element	 ExternalTeacher	
	Provide Property Getter Method	false	
	Provide Property Setter Method	false	
	Multiplicity	1	
	Visibility	Unspecified	
	Aggregation Kind	None	
	Navigable	Navigable	
	Derived	false	
	Derived Union	false	
	Read Only	false	
	Static	false	
	Leaf	false	
	Type	 ExternalTeacher	
	Project Management	Name	Value
Author		veronika.lovrantova	
Create Date Time		29.11.2013 12:30:28	
Abstract	false		
Leaf	false		
Visibility	Unspecified		
Derived	false		
Project Management	Name	Value	
	Author	veronika.lovrantova	
	Create Date Time	29.11.2013 12:30:28	
	Last Modified	29.11.2013 12:42:28	

FullTimeCourse

Name	Value		
Active	false		
Business Key Mutable	true		
Business Model	false		
Visibility	public		
Leaf	false		
Root	false		
Project Management	Name	Value	
	Author	veronika.lovrantova	
	Create Date Time	29.11.2013 12:43:06	
	Last Modified	29.11.2013 12:47:28	


Relationships

Unnamed Generalization		
From	 Course	
Substitutable	false	
Visibility	Unspecified	
Project Management	Name	Value
	Author	veronika.lovrantova
	Create Date Time	29.11.2013 12:43:35
	Last Modified	29.11.2013 12:47:28

DistanceStudyCourse

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Project Management	Name	Value
	Author	veronika.lovrantova
	Create Date Time	29.11.2013 12:43:21
	Last Modified	29.11.2013 12:47:28

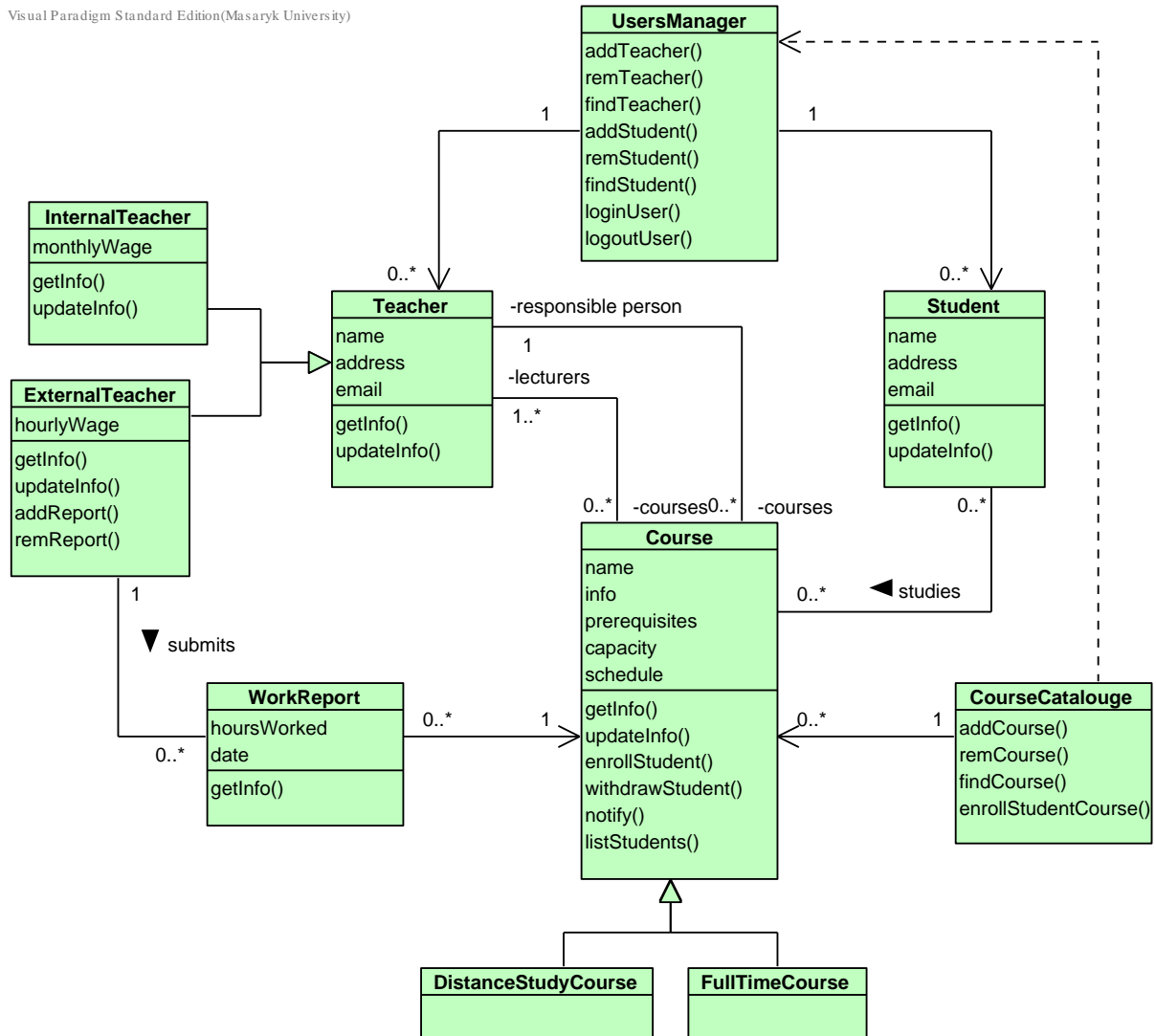
Relationships

Unnamed Generalization		
From	 Course	
Substitutable	false	
Visibility	Unspecified	
Project Management	Name	Value
	Author	veronika.lovrantova
	Create Date Time	29.11.2013 12:43:38
	Last Modified	29.11.2013 12:47:28

Class Diagram

ClassDiagram2





Visual Paradigm Standard Edition (Masaryk University)



Name	Value
Name	ClassDiagram2
Last Modified	11.11.2014 23:59:21
Shape Presentation Option	0

Summary

Name	Documentation
UsersManager	
InternalTeacher	
Teacher	
Student	
ExternalTeacher	
Course	

 WorkReport	
 CourseCatalogue	
 DistanceStudyCourse	
 FullTimeCourse	

Details

UsersManager

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Project Management	Name	Value
	Last Modified	15.7.2014 13:50:50

Operations

public addTeacher ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

public remTeacher ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

public findTeacher ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	

Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 13:49:40
	Last Modified	15.7.2014 13:50:50

public addStudent ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

public remStudent ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23


public findStudent ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

public loginUser ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

public logoutUser ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	

Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 Teacher
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	0..*
	Visibility	private
	Aggregation Kind	None
	Navigable	Navigable
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
	Project Management	Name
	Last Modified	29.11.2013 11:49:47
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Derived	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23
Unnamed Association		

To	Name	Value	
	End Model Element	Student	
	Provide Property Getter Method	false	
	Provide Property Setter Method	false	
	Multiplicity	0..*	
	Visibility	private	
	Aggregation Kind	None	
	Navigable	Navigable	
	Derived	false	
	Derived Union	false	
	Read Only	false	
	Static	false	
	Leaf	false	
	Project Management	Name	Value
Last Modified		29.11.2013 11:49:47	
Abstract	false		
Leaf	false		
Visibility	Unspecified		
Derived	false		
Project Management	Name	Value	
	Last Modified	23.6.2014 19:22:23	

Unnamed Dependency			
From	CourseCatalogue		
Visibility	Unspecified		
Project Management	Name	Value	
	Last Modified	24.6.2014 20:12:59	

InternalTeacher

Name	Value		
Active	false		
Business Key Mutable	true		
Business Model	false		
Visibility	public		
Leaf	false		
Root	false		
Project Management	Name	Value	
	Last Modified	23.6.2014 19:22:23	

Attributes


private monthlyWage			
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Is ID	false		
Leaf	false		
Project Management	Name		Value
	Last Modified		23.6.2014 19:22:23

Operations

public getInfo ()			
Leaf	false		
Ordered	false		
Unique	true		
Query	false		
Project Management	Name		Value
	Last Modified		23.6.2014 19:22:23

public updateInfo ()			
Leaf	false		
Ordered	false		
Unique	true		
Query	false		
Project Management	Name		Value
	Last Modified		23.6.2014 19:22:23

Relationships

Unnamed Generalization			
From	 Teacher		
Substitutable	false		
Visibility	Unspecified		
Project Management	Name		Value
	Last Modified		23.6.2014 19:22:23

Teacher

Name	Value
Active	false
Business Key Mutable	true

Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

Attributes

private name			
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Is ID	false		
Leaf	false		
Project Management	Name	Value	
	Last Modified	23.6.2014 19:22:23	

private address			
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Is ID	false		
Leaf	false		
Project Management	Name	Value	
	Last Modified	23.6.2014 19:22:23	

private email			
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		


Is ID	false	
Leaf	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23


Operations

public getInfo ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23


public updateInfo ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23


Relationships

Unnamed Generalization		
To	 InternalTeacher	
Substitutable	false	
Visibility	Unspecified	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23


Unnamed Generalization		
To	 ExternalTeacher	
Substitutable	false	
Visibility	Unspecified	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

Unnamed Association		
---------------------	--	--

To (courses)	Name		Value	
	End Model Element	 Course		
	Provide Property Getter Method	false		
	Provide Property Setter Method	false		
	Multiplicity	0..*		
	Visibility	private		
	Aggregation Kind	None		
	Navigable	Navigable		
	Derived	false		
	Derived Union	false		
	Read Only	false		
	Static	false		
	Leaf	false		
	Project Management	Name		Value
	Last Modified		29.11.2013 11:49:47	
Abstract	false			
Leaf	false			
Visibility	Unspecified			
Derived	false			
Project Management	Name		Value	
	Last Modified		23.6.2014 19:22:23	

Unnamed Association				
To (courses)	Name		Value	
	End Model Element	 Course		
	Provide Property Getter Method	false		
	Provide Property Setter Method	false		
	Multiplicity	0..*		
	Visibility	private		
	Aggregation Kind	None		
	Navigable	Navigable		
	Derived	false		
	Derived Union	false		
	Read Only	false		
	Static	false		
	Leaf	false		
	Project Management	Name		Value
	Last Modified		29.11.2013 11:49:47	
Abstract	false			

Leaf	false	
Visibility	Unspecified	
Derived	false	
Project Management	Name	Value
	Last Modified	24.6.2014 20:08:16

Unnamed Association		
From	Name	Value
	End Model Element	 UsersManager
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	1
	Visibility	private
	Aggregation Kind	None
	Navigable	Unspecified
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
	Project Management	Name
Last Modified		29.11.2013 11:49:47
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Derived	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

Student

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

Attributes

private name			
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Is ID	false		
Leaf	false		
Project Management	Name		Value
	Last Modified		23.6.2014 19:22:23

private address			
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Is ID	false		
Leaf	false		
Project Management	Name		Value
	Last Modified		23.6.2014 19:22:23

private email			
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Is ID	false		
Leaf	false		
Project Management	Name		Value
	Last Modified		23.6.2014 19:22:23


Operations


public getInfo ()

Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

public updateInfo ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

Relationships

studies : Association		
To	Name	Value
	End Model Element	 Course
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	0..*
	Visibility	private
	Aggregation Kind	None
	Navigable	Navigable
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
	Project Management	Name
Last Modified		29.11.2013 11:49:47
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Derived	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23
Unnamed Association		

From	Name	Value	
	End Model Element	 UsersManager	
	Provide Property Getter Method	false	
	Provide Property Setter Method	false	
	Multiplicity	1	
	Visibility	private	
	Aggregation Kind	None	
	Navigable	Unspecified	
	Derived	false	
	Derived Union	false	
	Read Only	false	
	Static	false	
	Leaf	false	
	Project Management	Name	Value
Last Modified		29.11.2013 11:49:47	
Abstract	false		
Leaf	false		
Visibility	Unspecified		
Derived	false		
Project Management	Name	Value	
	Last Modified	23.6.2014 19:22:23	

ExternalTeacher

Name	Value		
Active	false		
Business Key Mutable	true		
Business Model	false		
Visibility	public		
Leaf	false		
Root	false		
Project Management	Name	Value	
	Last Modified	23.6.2014 19:22:23	

Attributes

private hourlyWage			
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		

Derived Union	false	
Read Only	false	
Is ID	false	
Leaf	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

Operations

public getInfo ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

public updateInfo ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

public addReport ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

public remReport ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

Relationships

submits : Association

To	Name	Value	
	End Model Element	WorkReport	
	Provide Property Getter Method	false	
	Provide Property Setter Method	false	
	Multiplicity	0..*	
	Visibility	private	
	Aggregation Kind	None	
	Navigable	Navigable	
	Derived	false	
	Derived Union	false	
	Read Only	false	
	Static	false	
	Leaf	false	
	Project Management	Name	Value
Last Modified		29.11.2013 11:49:47	
Abstract	false		
Leaf	false		
Visibility	Unspecified		
Derived	false		
Project Management	Name	Value	
	Last Modified	23.6.2014 19:22:23	
Unnamed Generalization			
From	Teacher		
Substitutable	false		
Visibility	Unspecified		
Project Management	Name	Value	
	Last Modified	23.6.2014 19:22:23	

Course

Name	Value		
Active	false		
Business Key Mutable	true		
Business Model	false		
Visibility	public		
Leaf	false		
Root	false		
Project Management	Name	Value	
	Last Modified	24.6.2014 20:08:16	

Attributes

private name			
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Is ID	false		
Leaf	false		
Project Management	Name		Value
	Last Modified		23.6.2014 19:22:23

private info			
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Is ID	false		
Leaf	false		
Project Management	Name		Value
	Last Modified		23.6.2014 19:22:23

private prerequisites			
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Is ID	false		
Leaf	false		
Project Management	Name		Value
	Last Modified		23.6.2014 19:22:23

private capacity			
Allow Empty Name	false		
Getter	false	Setter	false

Derived	false	
Multiplicity	Unspecified	
Aggregation	None	
Derived Union	false	
Read Only	false	
Is ID	false	
Leaf	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

private schedule			
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Is ID	false		
Leaf	false		
Project Management	Name	Value	
	Last Modified	23.6.2014 19:22:23	

Operations

public getInfo ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

public updateInfo ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

public enrollStudent ()	
Leaf	false


Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23


public withdrawStudent ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

public notify ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Last Modified	24.6.2014 20:08:16

public listStudents ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23


Relationships

Unnamed Generalization		
To	 FullTimeCourse	
Substitutable	false	
Visibility	Unspecified	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

Unnamed Generalization		
To	 DistanceStudyCourse	
Substitutable	false	
Visibility	Unspecified	

Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

studies : Association

From	Name	Value	
	End Model Element	 Student	
	Provide Property Getter Method	false	
	Provide Property Setter Method	false	
	Multiplicity	0..*	
	Visibility	private	
	Aggregation Kind	None	
	Navigable	Navigable	
	Derived	false	
	Derived Union	false	
	Read Only	false	
	Static	false	
	Leaf	false	
	Project Management	Name	Value
	Last Modified	29.11.2013 11:49:47	

Abstract	false
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Leaf	false
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Visibility	Unspecified
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Derived	false
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Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

Unnamed Association


From (responsible person)	Name		Value	
	End Model Element	 Teacher		
	Provide Property Getter Method	false		
	Provide Property Setter Method	false		
	Multiplicity	1		
	Visibility	private		
	Aggregation Kind	None		
	Navigable	Navigable		
	Derived	false		
	Derived Union	false		
	Read Only	false		
	Static	false		
	Leaf	false		
	Project Management	Name		Value
Last Modified		29.11.2013 11:49:47		
Abstract	false			
Leaf	false			
Visibility	Unspecified			
Derived	false			
Project Management	Name		Value	
	Last Modified		23.6.2014 19:22:23	

Unnamed Association				
From (lecturers)	Name		Value	
	End Model Element	 Teacher		
	Provide Property Getter Method	false		
	Provide Property Setter Method	false		
	Multiplicity	1..*		
	Visibility	private		
	Aggregation Kind	None		
	Navigable	Navigable		
	Derived	false		
	Derived Union	false		
	Read Only	false		
	Static	false		
	Leaf	false		
	Project Management	Name		Value
Last Modified		29.11.2013 11:49:47		
Abstract	false			

Leaf	false	
Visibility	Unspecified	
Derived	false	
Project Management	Name	Value
	Last Modified	24.6.2014 20:08:16

Unnamed Association		
From	Name	Value
	End Model Element	 WorkReport
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	0..*
	Visibility	private
	Aggregation Kind	None
	Navigable	Unspecified
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
	Project Management	Name
Last Modified		29.11.2013 11:49:47
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Derived	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

Unnamed Association

From	Name	Value	
	End Model Element	 CourseCatalogue	
	Provide Property Getter Method	false	
	Provide Property Setter Method	false	
	Multiplicity	1	
	Visibility	private	
	Aggregation Kind	None	
	Navigable	Unspecified	
	Derived	false	
	Derived Union	false	
	Read Only	false	
	Static	false	
	Leaf	false	
	Project Management	Name	Value
	Last Modified	29.11.2013 11:49:47	
Abstract	false		
Leaf	false		
Visibility	Unspecified		
Derived	false		
Project Management	Name	Value	
	Last Modified	23.6.2014 19:22:23	

WorkReport

Name	Value		
Active	false		
Business Key Mutable	true		
Business Model	false		
Visibility	public		
Leaf	false		
Root	false		
Project Management	Name	Value	
	Last Modified	23.6.2014 19:22:23	

Attributes

private hoursWorked			
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		

Aggregation	None	
Derived Union	false	
Read Only	false	
Is ID	false	
Leaf	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23



private date			
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Is ID	false		
Leaf	false		
Project Management	Name	Value	
	Last Modified	23.6.2014 19:22:23	

Operations

public getInfo ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

Relationships

Unnamed Association

To	Name	Value	
	End Model Element	 Course	
	Provide Property Getter Method	false	
	Provide Property Setter Method	false	
	Multiplicity	1	
	Visibility	private	
	Aggregation Kind	None	
	Navigable	Navigable	
	Derived	false	
	Derived Union	false	
	Read Only	false	
	Static	false	
	Leaf	false	
	Project Management	Name	Value
	Last Modified	29.11.2013 11:49:47	
Abstract	false		
Leaf	false		
Visibility	Unspecified		
Derived	false		
Project Management	Name	Value	
	Last Modified	23.6.2014 19:22:23	
submits : Association			
From	Name	Value	
	End Model Element	 ExternalTeacher	
	Provide Property Getter Method	false	
	Provide Property Setter Method	false	
	Multiplicity	1	
	Visibility	private	
	Aggregation Kind	None	
	Navigable	Navigable	
	Derived	false	
	Derived Union	false	
	Read Only	false	
	Static	false	
	Leaf	false	
	Project Management	Name	Value
	Last Modified	29.11.2013 11:49:47	
Abstract	false		

Leaf	false	
Visibility	Unspecified	
Derived	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

CourseCatalogue

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

Operations



public addCourse ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

public remCourse ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

public findCourse ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

public enrollStudentCourse ()		
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

Relationships


Unnamed Association		
To	Name	Value
	End Model Element	 Course
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	0..*
	Visibility	private
	Aggregation Kind	None
	Navigable	Navigable
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
	Project Management	Name
Last Modified		29.11.2013 11:49:47
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Derived	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23
Unnamed Dependency		
To	 UsersManager	
Visibility	Unspecified	
Project Management	Name	Value
	Last Modified	24.6.2014 20:12:59

DistanceStudyCourse

Name	Value
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Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23


Relationships

Unnamed Generalization		
From	 Course	
Substitutable	false	
Visibility	Unspecified	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

FullTimeCourse

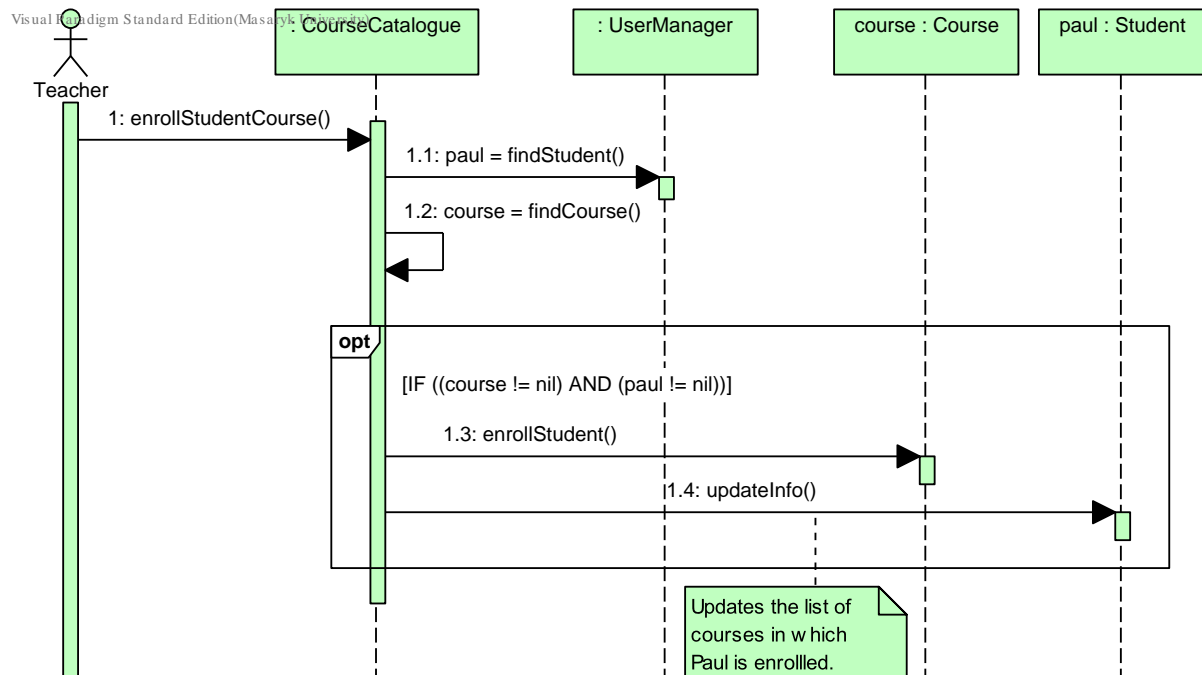
Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

Relationships

Unnamed Generalization		
From	 Course	
Substitutable	false	
Visibility	Unspecified	
Project Management	Name	Value
	Last Modified	23.6.2014 19:22:23

Sequence Diagram

enrollStudentCourse-1



Name	Value
Name	enrollStudentCourse-1
Author	BaraB
Create Date Time	15.7.2014 14:42:03
Last Modified	11.11.2014 23:59:21
Shape Presentation Option	0
Show Parameter Types In Message Operation Signature	true

Summary


Name	Documentation
Teacher	
: CourseCatalogue	
: UserManager	
course : Course	
paul : Student	
N/A	Updates the list of courses in which Paul is enrolled.
Operand5	
IF ((course != nil) AND (paul != nil))	

Details

Teacher

Name	Value	
Visibility	public	
Abstract	false	
Leaf	false	
Root	false	
Active	false	
Business Model	false	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:43:56
	Last Modified	15.7.2014 14:57:19

Relationships


enrollStudentCourse() : Message			
To	Name	Value	
	End Model Element	 N/A	
	Project Management	Name	Value
		Author	BaraB
Create Date Time		15.7.2014 14:44:06	
Type	Message		
Sequence Number	1		
Asynchronous	false		
Project Management	Name	Value	
	Author	BaraB	
	Create Date Time	15.7.2014 14:44:06	
	Last Modified	15.7.2014 14:57:19	

: CourseCatalogue

Name	Value	
Multiplicity	Unspecified	
Base Classifier	CourseCatalogue	
Active	false	
Stopped	false	
Multi Object	false	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:44:06
	Last Modified	15.7.2014 14:57:19

Relationships

course = findCourse() : Message

To	Name	Value	
	End Model Element	 N/A	
	Project Management	Name	Value
		Author	BaraB
Create Date Time		15.7.2014 14:45:32	


Type	Self Message
------	--------------

Sequence Number	1.2
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Asynchronous	false
--------------	-------

Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:45:32
	Last Modified	15.7.2014 14:57:19

updateInfo() : Message

To	Name	Value	
	End Model Element	 paul	
	Project Management	Name	Value
		Author	BaraB
Create Date Time		15.7.2014 14:46:48	


Type	Message
------	---------

Sequence Number	1.4
-----------------	-----

Asynchronous	false
--------------	-------

Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:46:48
	Last Modified	15.7.2014 14:57:19

paul = findStudent() : Message

To	Name	Value	
	End Model Element	 N/A	
	Project Management	Name	Value
		Author	BaraB
Create Date Time		15.7.2014 14:44:51	


Type	Message
------	---------


Sequence Number	1.1
-----------------	-----

Asynchronous	false
--------------	-------

Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:44:51
	Last Modified	15.7.2014 14:57:19

enrollStudent() : Message

To	Name		Value	
	End Model Element	 course		
	Project Management	Name		Value
		Author	BaraB	
Create Date Time		15.7.2014 14:46:02		
Type	Message			
Sequence Number	1.3			
Asynchronous	false			
Project Management	Name		Value	
	Author	BaraB		
	Create Date Time	15.7.2014 14:46:02		
	Last Modified	15.7.2014 14:57:19		

enrollStudentCourse() : Message				
From	Name		Value	
	End Model Element	 Teacher		
	Project Management	Name		Value
		Author	BaraB	
Create Date Time		15.7.2014 14:44:06		
Type	Message			
Sequence Number	1			
Asynchronous	false			
Project Management	Name		Value	
	Author	BaraB		
	Create Date Time	15.7.2014 14:44:06		
	Last Modified	15.7.2014 14:57:19		

: UserManager

Name		Value	
Multiplicity	Unspecified		
Base Classifier	UserManager		
Active	false		
Stopped	false		
Multi Object	false		
Project Management	Name		Value
	Author	BaraB	
	Create Date Time	15.7.2014 14:44:51	
	Last Modified	15.7.2014 14:57:19	

Relationships

paul = findStudent() : Message				
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From	Name		Value	
	End Model Element	N/A		
	Project Management	Name		Value
		Author	BaraB	
	Create Date Time	15.7.2014 14:44:51		
Type	Message			
Sequence Number	1.1			
Asynchronous	false			
Project Management	Name		Value	
	Author	BaraB		
	Create Date Time	15.7.2014 14:44:51		
	Last Modified	15.7.2014 14:57:19		


course : Course

Name		Value	
Multiplicity	Unspecified		
Base Classifier	Course		
Active	false		
Stopped	false		
Multi Object	false		
Project Management	Name		Value
	Author	BaraB	
	Create Date Time	15.7.2014 14:46:02	
	Last Modified	15.7.2014 14:57:19	


Relationships

enrollStudent() : Message				
From	Name		Value	
	End Model Element	N/A		
	Project Management	Name		Value
		Author	BaraB	
	Create Date Time	15.7.2014 14:46:02		
Type	Message			
Sequence Number	1.3			
Asynchronous	false			
Project Management	Name		Value	
	Author	BaraB		
	Create Date Time	15.7.2014 14:46:02		
	Last Modified	15.7.2014 14:57:19		

paul : Student

Name	Value	
Multiplicity	Unspecified	
Base Classifier	 Student	
Active	false	
Stopped	false	
Multi Object	false	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:46:48
	Last Modified	15.7.2014 14:57:19

Relationships

updateInfo() : Message			
From	Name	Value	
	End Model Element	 N/A	
	Project Management	Name	Value
		Author	BaraB
Create Date Time		15.7.2014 14:46:48	
Type	Message		
Sequence Number	1.4		
Asynchronous	false		
Project Management	Name	Value	
	Author	BaraB	
	Create Date Time	15.7.2014 14:46:48	
	Last Modified	15.7.2014 14:57:19	

N/A

Name	Value	
Documentation	Updates the list of courses in which Paul is enrolled.	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:52:49
	Last Modified	15.7.2014 14:57:19

Operand5

Name	Value
------	-------

Guard	Name	Value	
	Constraint	IF ((course != nil) AND (paul != nil))	
	Project Management	Name	Value
		Author	BaraB
	Create Date Time	15.7.2014 14:50:10	
Project Management	Name	Value	
	Author	BaraB	
	Create Date Time	15.7.2014 14:49:33	
	Last Modified	15.7.2014 14:57:19	





IF ((course != nil) AND (paul != nil))

Name	Value	
Operator Kind	opt	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:49:32
	Last Modified	15.7.2014 14:57:19

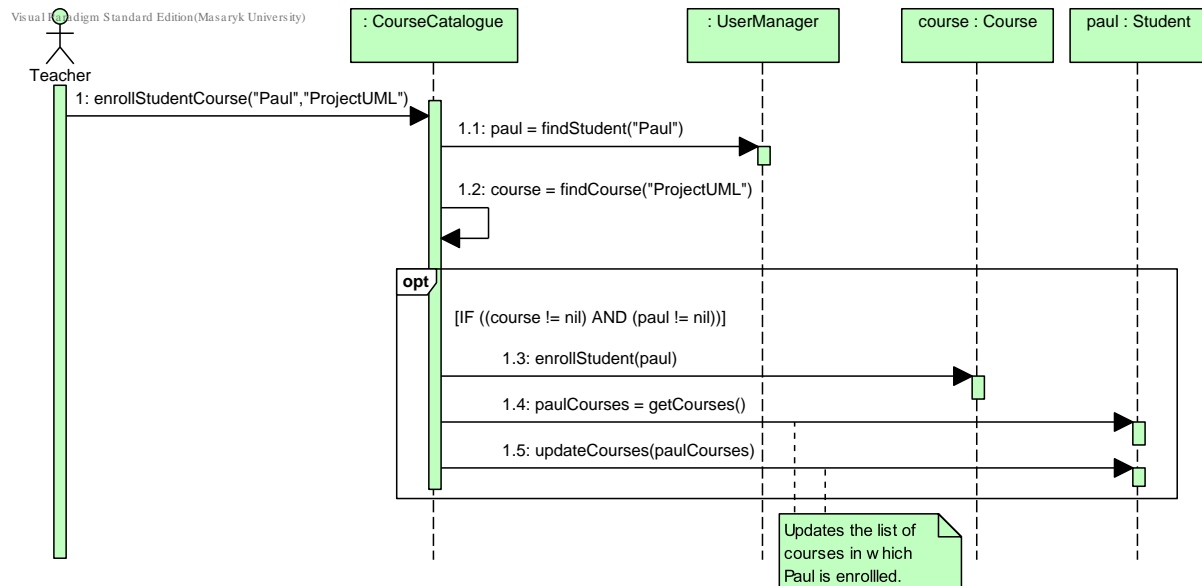
Interaction Operands

Value
Operand5

Covered LifeLines

Name	Documentation
 N/A	
 N/A	
 course	
 paul	

Sequence Diagram enrollStudentCourse-2



Name	Value
Name	enrollStudentCourse-2
Author	BaraB
Create Date Time	15.7.2014 14:42:29
Last Modified	11.11.2014 23:59:21
Shape Presentation Option	0
Show Parameter Types In Message Operation Signature	true

Summary

Name	Documentation
Teacher	
: CourseCatalogue	
: UserManager	
course : Course	
paul : Student	
Operand5	
N/A	Updates the list of courses in which Paul is enrolled.
IF ((course != nil) AND (paul != nil))	


Details

Teacher

Name	Value
Visibility	public

Abstract	false	
Leaf	false	
Root	false	
Active	false	
Business Model	false	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:43:56
	Last Modified	15.7.2014 15:07:57

Relationships


enrollStudentCourse("Paul", "ProjectUML") : Message			
To	Name	Value	
	End Model Element	 N/A	
	Project Management	Name	Value
		Author	BaraB
Create Date Time		15.7.2014 14:44:06	
Type	Message		
Sequence Number	1		
Asynchronous	false		
Project Management	Name	Value	
	Author	BaraB	
	Create Date Time	15.7.2014 14:44:06	
	Last Modified	15.7.2014 15:07:57	

: CourseCatalogue

Name	Value	
Multiplicity	Unspecified	
Base Classifier	CourseCatalogue	
Active	false	
Stopped	false	
Multi Object	false	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:44:06
	Last Modified	15.7.2014 15:07:57

Relationships

updateCourses(paulCourses) : Message

To	Name	Value	
	End Model Element	 paul	
	Project Management	Name	Value
		Author	BaraB
Create Date Time		15.7.2014 15:00:22	


Type	Message
------	---------

Sequence Number	1.5
-----------------	-----

Asynchronous	false
--------------	-------

Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 15:00:22
	Last Modified	15.7.2014 15:07:57

course = findCourse("ProjectUML") : Message

To	Name	Value	
	End Model Element	 N/A	
	Project Management	Name	Value
		Author	BaraB
Create Date Time		15.7.2014 14:45:32	


Type	Self Message
------	--------------

Sequence Number	1.2
-----------------	-----

Asynchronous	false
--------------	-------

Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:45:32
	Last Modified	15.7.2014 15:07:57

enrollStudent(paul) : Message

To	Name	Value	
	End Model Element	 course	
	Project Management	Name	Value
		Author	BaraB
Create Date Time		15.7.2014 14:46:02	


Type	Message
------	---------


Sequence Number	1.3
-----------------	-----


Asynchronous	false
--------------	-------

Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:46:02
	Last Modified	15.7.2014 15:07:57

paulCourses = getCourses() : Message

To	Name		Value	
	End Model Element	 paul		
	Project Management	Name		Value
		Author	BaraB	
Create Date Time		15.7.2014 14:46:48		
Type	Message			
Sequence Number	1.4			
Asynchronous	false			
Project Management	Name		Value	
	Author	BaraB		
	Create Date Time	15.7.2014 14:46:48		
	Last Modified	15.7.2014 15:07:57		


paul = findStudent("Paul") : Message				
To	Name		Value	
	End Model Element	 N/A		
	Project Management	Name		Value
		Author	BaraB	
Create Date Time		15.7.2014 14:44:51		
Type	Message			
Sequence Number	1.1			
Asynchronous	false			
Project Management	Name		Value	
	Author	BaraB		
	Create Date Time	15.7.2014 14:44:51		
	Last Modified	15.7.2014 15:07:57		

enrollStudentCourse("Paul","ProjectUML") : Message				
From	Name		Value	
	End Model Element	 Teacher		
	Project Management	Name		Value
		Author	BaraB	
Create Date Time		15.7.2014 14:44:06		
Type	Message			
Sequence Number	1			
Asynchronous	false			
Project Management	Name		Value	
	Author	BaraB		
	Create Date Time	15.7.2014 14:44:06		
	Last Modified	15.7.2014 15:07:57		


: UserManager

Name	Value	
Multiplicity	Unspecified	
Base Classifier	UserManager	
Active	false	
Stopped	false	
Multi Object	false	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:44:51
	Last Modified	15.7.2014 15:07:57

Relationships

paul = findStudent("Paul") : Message			
From	Name	Value	
	End Model Element	 N/A	
	Project Management	Name	Value
		Author	BaraB
Create Date Time		15.7.2014 14:44:51	
Type	Message		
Sequence Number	1.1		
Asynchronous	false		
Project Management	Name	Value	
	Author	BaraB	
	Create Date Time	15.7.2014 14:44:51	
	Last Modified	15.7.2014 15:07:57	

course : Course

Name	Value	
Multiplicity	Unspecified	
Base Classifier	 Course	
Active	false	
Stopped	false	
Multi Object	false	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:46:02
	Last Modified	15.7.2014 15:07:57

Relationships

enrollStudent(paul) : Message			
From	Name		Value
	End Model Element		N/A
	Project Management	Name	
		Author	BaraB
Create Date Time		15.7.2014 14:46:02	
Type	Message		
Sequence Number	1.3		
Asynchronous	false		
Project Management	Name		Value
	Author		BaraB
	Create Date Time		15.7.2014 14:46:02
	Last Modified		15.7.2014 15:07:57

paul : Student

Name	Value	
Multiplicity	Unspecified	
Base Classifier	Student	
Active	false	
Stopped	false	
Multi Object	false	
Project Management	Name	
	Author	
	Create Date Time	
	Last Modified	

Relationships

paulCourses = getCourses() : Message			
From	Name		Value
	End Model Element		N/A
	Project Management	Name	
		Author	BaraB
Create Date Time		15.7.2014 14:46:48	
Type	Message		
Sequence Number	1.4		
Asynchronous	false		
Project Management	Name		Value
	Author		BaraB
	Create Date Time		15.7.2014 14:46:48
	Last Modified		15.7.2014 15:07:57
updateCourses(paulCourses) : Message			

From	Name	Value		
	End Model Element	N/A		
	Project Management	Name	Value	
		Author	BaraB	
Create Date Time		15.7.2014 15:00:22		
Type	Message			
Sequence Number	1.5			
Asynchronous	false			
Project Management	Name	Value		
	Author	BaraB		
	Create Date Time	15.7.2014 15:00:22		
	Last Modified	15.7.2014 15:07:57		

Operand5

Name	Value			
Guard	Name	Value		
	Constraint	IF ((course != nil) AND (paul != nil))		
	Project Management	Name	Value	
		Author	BaraB	
Create Date Time		15.7.2014 14:50:10		
Project Management	Name	Value		
	Author	BaraB		
	Create Date Time	15.7.2014 14:49:33		
	Last Modified	15.7.2014 15:07:57		

N/A

Name	Value		
Documentation	Updates the list of courses in which Paul is enrolled.		
Project Management	Name	Value	
	Author	BaraB	
	Create Date Time	15.7.2014 14:52:49	
	Last Modified	15.7.2014 15:07:57	

IF ((course != nil) AND (paul != nil))





Name	Value		
Operator Kind	opt		

Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:49:32
	Last Modified	15.7.2014 15:07:57

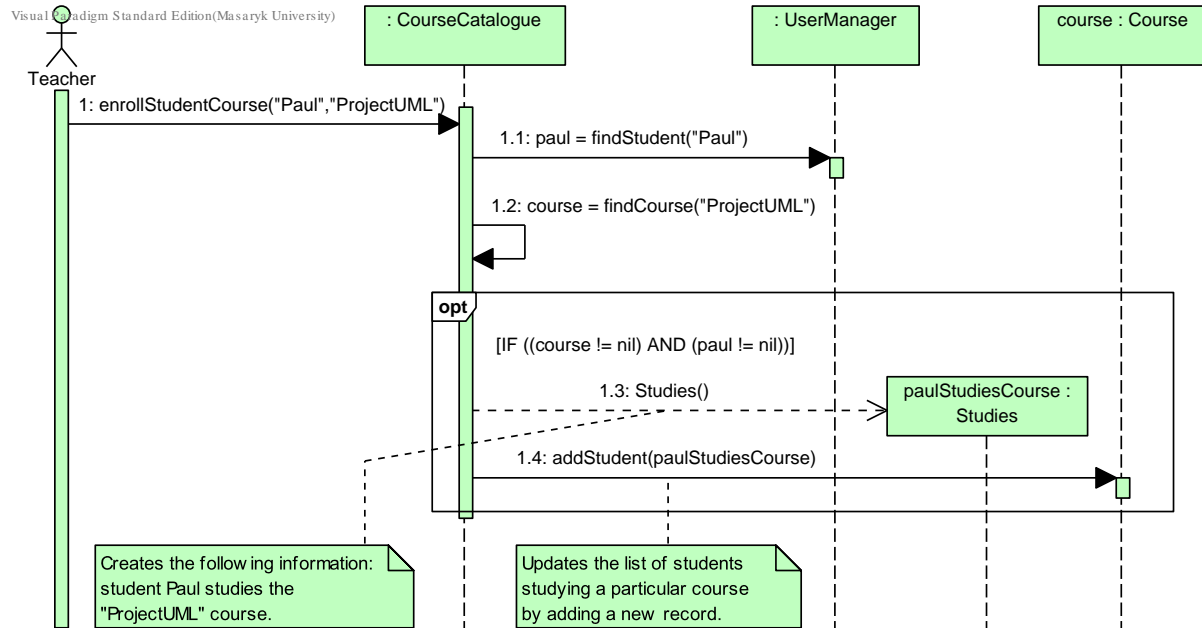
Interaction Operands

Value
Operand5

Covered LifeLines

Name	Documentation
 N/A	
 N/A	
 course	
 paul	

Sequence Diagram enrollStudentCourse-3



Name	Value
Name	enrollStudentCourse-3
Author	BaraB
Create Date Time	15.7.2014 14:42:39
Last Modified	11.11.2014 23:59:21
Shape Presentation Option	0
Show Parameter Types In Message Operation Signature	true

Summary


Name	Documentation
Teacher	
: CourseCatalogue	
: UserManager	
paulStudiesCourse : Studies	
course : Course	
N/A	Creates the following information: student Paul studies the "ProjectUML" course.
IF ((course != nil) AND (paul != nil))	
Operand5	
N/A	Updates the list of students studying a particular course by adding a new record.

Details

Teacher

Name	Value	
Visibility	public	
Abstract	false	
Leaf	false	
Root	false	
Active	false	
Business Model	false	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:43:56
	Last Modified	15.7.2014 15:07:57

Relationships


enrollStudentCourse("Paul", "ProjectUML") : Message			
To	Name	Value	
	End Model Element	 N/A	
	Project Management	Name	Value
		Author	BaraB
Create Date Time		15.7.2014 14:44:06	
Type	Message		
Sequence Number	1		
Asynchronous	false		
Project Management	Name	Value	
	Author	BaraB	
	Create Date Time	15.7.2014 14:44:06	
	Last Modified	15.7.2014 15:07:57	


: CourseCatalogue

Name	Value	
Multiplicity	Unspecified	
Base Classifier	CourseCatalogue	
Active	false	
Stopped	false	
Multi Object	false	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:44:06
	Last Modified	15.7.2014 15:07:57

Relationships

addStudent(paulStudiesCourse) : Message				
To	Name		Value	
	End Model Element	course		
	Project Management	Name		Value
		Author	BaraB	
Create Date Time		15.7.2014 14:46:02		
Type	Message			
Sequence Number	1.4			
Asynchronous	false			
Project Management	Name		Value	
	Author	BaraB		
	Create Date Time	15.7.2014 14:46:02		
	Last Modified	15.7.2014 15:21:53		
paul = findStudent("Paul") : Message				
To	Name		Value	
	End Model Element	N/A		
	Project Management	Name		Value
		Author	BaraB	
Create Date Time		15.7.2014 14:44:51		
Type	Message			
Sequence Number	1.1			
Asynchronous	false			
Project Management	Name		Value	
	Author	BaraB		
	Create Date Time	15.7.2014 14:44:51		
	Last Modified	15.7.2014 15:07:57		
course = findCourse("ProjectUML") : Message				
To	Name		Value	
	End Model Element	N/A		
	Project Management	Name		Value
		Author	BaraB	
Create Date Time		15.7.2014 14:45:32		
Type	Self Message			
Sequence Number	1.2			
Asynchronous	false			
Project Management	Name		Value	
	Author	BaraB		
	Create Date Time	15.7.2014 14:45:32		
	Last Modified	15.7.2014 15:07:57		


Studies() : Message			
To	Name		Value
	End Model Element		 paulStudiesCourse
	Project Management		
	Name		Value
	Author	BaraB	
	Create Date Time	15.7.2014 15:05:00	
Type	Create Message		
Sequence Number	1.3		
Asynchronous	false		
Project Management	Name		Value
	Author		BaraB
	Create Date Time		15.7.2014 15:05:00
	Last Modified		15.7.2014 15:21:53

enrollStudentCourse("Paul", "ProjectUML") : Message			
From	Name		Value
	End Model Element		 Teacher
	Project Management		
	Name		Value
	Author	BaraB	
	Create Date Time	15.7.2014 14:44:06	
Type	Message		
Sequence Number	1		
Asynchronous	false		
Project Management	Name		Value
	Author		BaraB
	Create Date Time		15.7.2014 14:44:06
	Last Modified		15.7.2014 15:07:57

: UserManager

Name	Value		
Multiplicity	Unspecified		
Base Classifier	UserManager		
Active	false		
Stopped	false		
Multi Object	false		
Project Management	Name		Value
	Author		BaraB
	Create Date Time		15.7.2014 14:44:51
	Last Modified		15.7.2014 15:07:57


Relationships

paul = findStudent("Paul") : Message			
From	Name		Value
	End Model Element		 N/A
	Project Management		
	Name	Value	
	Author	BaraB	
	Create Date Time	15.7.2014 14:44:51	
Type	Message		
Sequence Number	1.1		
Asynchronous	false		
Project Management	Name		Value
	Author		BaraB
	Create Date Time		15.7.2014 14:44:51
	Last Modified		15.7.2014 15:07:57


paulStudiesCourse : Studies

Name	Value		
Multiplicity	Unspecified		
Base Classifier	Studies		
Active	false		
Stopped	false		
Multi Object	false		
Project Management	Name		Value
	Author		BaraB
	Create Date Time		15.7.2014 15:04:50
	Last Modified		15.7.2014 15:07:57


Relationships

Studies() : Message			
From	Name		Value
	End Model Element		 N/A
	Project Management		
	Name	Value	
	Author	BaraB	
	Create Date Time	15.7.2014 15:05:00	
Type	Create Message		
Sequence Number	1.3		
Asynchronous	false		
Project Management	Name		Value
	Author		BaraB
	Create Date Time		15.7.2014 15:05:00
	Last Modified		15.7.2014 15:21:53

course : Course

Name	Value	
Multiplicity	Unspecified	
Base Classifier	 Course	
Active	false	
Stopped	false	
Multi Object	false	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:46:02
	Last Modified	15.7.2014 15:07:57

Relationships

addStudent(paulStudiesCourse) : Message			
From	Name	Value	
	End Model Element	 N/A	
	Project Management	Name	Value
		Author	BaraB
Create Date Time		15.7.2014 14:46:02	
Type	Message		
Sequence Number	1.4		
Asynchronous	false		
Project Management	Name	Value	
	Author	BaraB	
	Create Date Time	15.7.2014 14:46:02	
	Last Modified	15.7.2014 15:21:53	

N/A

Name	Value	
Documentation	Creates the following information: student Paul studies the "ProjectUML" course.	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 15:15:17
	Last Modified	15.7.2014 15:21:53

IF ((course != nil) AND (paul != nil))





Name	Value
Operator Kind	opt

Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:49:32
	Last Modified	15.7.2014 15:07:57

Interaction Operands

Value
Operand5

Covered LifeLines

Name	Documentation
 N/A	
 N/A	
 course	
 paulStudiesCourse	

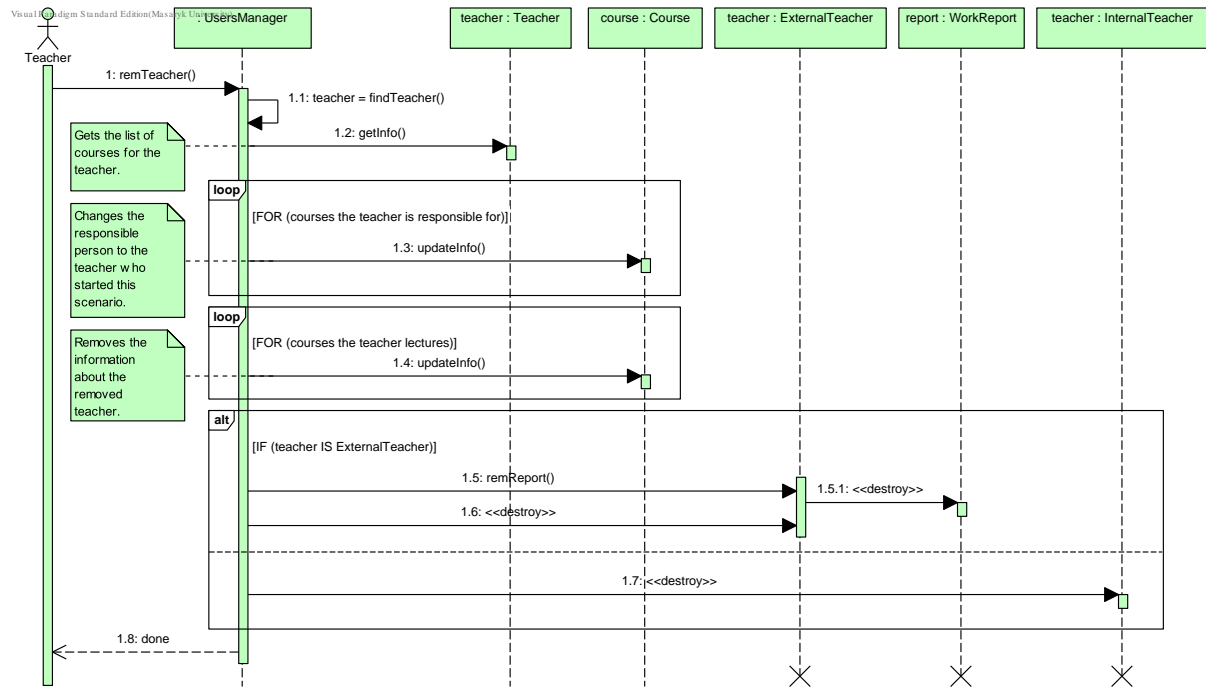
Operand5

Name	Value		
Guard	Name	Value	
	Constraint	IF ((course != nil) AND (paul != nil))	
	Project Management	Name	Value
		Author	BaraB
	Create Date Time	15.7.2014 14:50:10	
Project Management	Name	Value	
	Author	BaraB	
	Create Date Time	15.7.2014 14:49:33	
	Last Modified	15.7.2014 15:21:53	

N/A

Name	Value	
Documentation	Updates the list of students studying a particular course by adding a new record.	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:52:49
	Last Modified	15.7.2014 15:21:53

Sequence Diagram remTeacher



Name	Value
Name	remTeacher
Author	BaraB
Create Date Time	15.7.2014 13:52:17
Last Modified	11.11.2014 23:59:21
Shape Presentation Option	0
Show Parameter Types In Message Operation Signature	true

Summary

Name	Documentation
Teacher	
: UserManager	
teacher : Teacher	
course : Course	
teacher : ExternalTeacher	
report : WorkReport	
teacher : InternalTeacher	
IF (teacher IS ExternalTeacher)	
Operand4	
Operand3	
N/A	Removes the information about the removed teacher.

N/A	Changes the responsible person to the teacher who started this scenario.
Operand2	
FOR (courses the teacher lectures)	
Operand	
FOR (courses the teacher is responsible for)	
N/A	Gets the list of courses for the teacher.


Details

Teacher

Name	Value	
Visibility	public	
Abstract	false	
Leaf	false	
Root	false	
Active	false	
Business Model	false	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 13:53:22
	Last Modified	15.7.2014 14:35:24

Relationships


remTeacher() : Message			
To	Name	Value	
	End Model Element	N/A	
	Project Management	Name	Value
		Author	BaraB
Create Date Time		15.7.2014 14:09:13	
Return Message	→ done		
Type	Message		
Sequence Number	1		
Asynchronous	false		
Project Management	Name	Value	
	Author	BaraB	
	Create Date Time	15.7.2014 14:09:13	
	Last Modified	15.7.2014 14:35:24	
done : Message			


From	Name		Value	
	End Model Element	 N/A		
	Project Management	Name		Value
		Author	BaraB	
Create Date Time		15.7.2014 14:25:58		
Type	Message			
Sequence Number	1.8			
Action Type	Name		Value	
	Name	Return		
	Iteration	false		
	Asynchronous	false		
	Project Management	Name		Value
		Author	BaraB	
Create Date Time		15.7.2014 14:25:58		
Asynchronous	false			
Project Management	Name		Value	
	Author	BaraB		
	Create Date Time	15.7.2014 14:25:58		
	Last Modified	11.11.2014 23:47:18		


: UsersManager


Name		Value	
Multiplicity	Unspecified		
Base Classifier	UsersManager		
Active	false		
Stopped	false		
Multi Object	false		
Project Management	Name		Value
	Author	BaraB	
	Create Date Time	15.7.2014 14:09:13	
	Last Modified	11.11.2014 23:47:18	

Relationships


getInfo() : Message				
To	Name		Value	
	End Model Element	 teacher		
	Project Management	Name		Value
		Author	BaraB	
Create Date Time		11.11.2014 23:45:27		
Type	Message			
Sequence Number	1.2			


Asynchronous	false			
Project Management	Name		Value	
	Author	BaraB		
	Create Date Time	11.11.2014 23:45:27		
	Last Modified	11.11.2014 23:50:26		
updateInfo() : Message				
To	Name		Value	
	End Model Element	 course		
	Project Management	Name		Value
		Author	BaraB	
		Create Date Time	15.7.2014 14:12:50	
Type	Message			
Sequence Number	1.4			
Asynchronous	false			
Project Management	Name		Value	
	Author	BaraB		
	Create Date Time	15.7.2014 14:12:50		
	Last Modified	11.11.2014 23:47:18		

updateInfo() : Message				
To	Name		Value	
	End Model Element	 course		
	Project Management	Name		Value
		Author	BaraB	
		Create Date Time	15.7.2014 14:12:05	
Type	Message			
Sequence Number	1.3			
Asynchronous	false			
Project Management	Name		Value	
	Author	BaraB		
	Create Date Time	15.7.2014 14:12:05		
	Last Modified	11.11.2014 23:47:18		


<<destroy>> : Message				
To	Name		Value	
	End Model Element	 teacher		
	Project Management	Name		Value
		Author	BaraB	
		Create Date Time	15.7.2014 14:22:57	
Type	Message			
Sequence Number	1.7			


Asynchronous	false	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:22:57
	Last Modified	11.11.2014 23:47:18


done : Message			
To	Name	Value	
	End Model Element	 Teacher	
	Project Management	Name	Value
		Author	BaraB
		Create Date Time	15.7.2014 14:25:58
Type	Message		
Sequence Number	1.8		
Action Type	Name	Value	
	Name	Return	
	Iteration	false	
	Asynchronous	false	
	Project Management	Name	Value
		Author	BaraB
Create Date Time		15.7.2014 14:25:58	
Asynchronous	false		
Project Management	Name	Value	
	Author	BaraB	
	Create Date Time	15.7.2014 14:25:58	
	Last Modified	11.11.2014 23:47:18	

remReport() : Message			
To	Name	Value	
	End Model Element	 teacher	
	Project Management	Name	Value
		Author	BaraB
		Create Date Time	15.7.2014 14:20:43
Type	Message		
Sequence Number	1.5		
Asynchronous	false		
Project Management	Name	Value	
	Author	BaraB	
	Create Date Time	15.7.2014 14:20:43	
	Last Modified	11.11.2014 23:47:18	


<<destroy>> : Message		
-----------------------	--	--

To	Name		Value	
	End Model Element	 teacher		
	Project Management	Name		Value
		Author	BaraB	
Create Date Time		15.7.2014 14:21:44		
Type	Message			
Sequence Number	1.6			
Asynchronous	false			
Project Management	Name		Value	
	Author	BaraB		
	Create Date Time	15.7.2014 14:21:44		
	Last Modified	11.11.2014 23:47:18		


teacher = findTeacher() : Message				
To	Name		Value	
	End Model Element	 N/A		
	Project Management	Name		Value
		Author	BaraB	
Create Date Time		15.7.2014 14:11:07		
Type	Self Message			
Sequence Number	1.1			
Asynchronous	false			
Project Management	Name		Value	
	Author	BaraB		
	Create Date Time	15.7.2014 14:11:07		
	Last Modified	15.7.2014 14:35:24		

remTeacher() : Message				
From	Name		Value	
	End Model Element	 Teacher		
	Project Management	Name		Value
		Author	BaraB	
Create Date Time		15.7.2014 14:09:13		
Return Message	→ done			
Type	Message			
Sequence Number	1			
Asynchronous	false			
Project Management	Name		Value	
	Author	BaraB		
	Create Date Time	15.7.2014 14:09:13		
	Last Modified	15.7.2014 14:35:24		


teacher : Teacher

Name	Value	
Multiplicity	Unspecified	
Base Classifier	 Teacher	
Active	false	
Stopped	false	
Multi Object	false	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	11.11.2014 23:44:02
	Last Modified	11.11.2014 23:47:18



Relationships

getInfo() : Message			
From	Name	Value	
	End Model Element	 N/A	
	Project Management	Name	Value
		Author	BaraB
Create Date Time		11.11.2014 23:45:27	
Type	Message		
Sequence Number	1.2		
Asynchronous	false		
Project Management	Name	Value	
	Author	BaraB	
	Create Date Time	11.11.2014 23:45:27	
	Last Modified	11.11.2014 23:50:26	


course : Course

Name	Value	
Multiplicity	Unspecified	
Base Classifier	 Course	
Active	false	
Stopped	false	
Multi Object	false	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:12:05
	Last Modified	15.7.2014 14:35:24




Relationships

updateInfo() : Message			
From	Name		Value
	End Model Element		 N/A
	Project Management		
	Name	Value	
	Author	BaraB	
	Create Date Time	15.7.2014 14:12:50	
Type	Message		
Sequence Number	1.4		
Asynchronous	false		
Project Management	Name		Value
	Author		BaraB
	Create Date Time		15.7.2014 14:12:50
	Last Modified		11.11.2014 23:47:18
updateInfo() : Message			
From	Name		Value
	End Model Element		 N/A
	Project Management		
	Name	Value	
	Author	BaraB	
	Create Date Time	15.7.2014 14:12:05	
Type	Message		
Sequence Number	1.3		
Asynchronous	false		
Project Management	Name		Value
	Author		BaraB
	Create Date Time		15.7.2014 14:12:05
	Last Modified		11.11.2014 23:47:18


teacher : ExternalTeacher

Name	Value	
Multiplicity	Unspecified	
Base Classifier	 ExternalTeacher	
Active	false	
Stopped	true	
Multi Object	false	
Project Management	Name	
	Author	
	Create Date Time	
	Last Modified	
	Value	BaraB
		15.7.2014 14:20:43
		15.7.2014 14:35:24


Relationships

<<destroy>> : Message			
To	Name		Value
	End Model Element		 report
	Project Management		Name
			Value
	Author	BaraB	
	Create Date Time	15.7.2014 14:21:20	
Type	Message		
Sequence Number	1.5.1		
Asynchronous	false		
Project Management	Name		Value
	Author		BaraB
	Create Date Time		15.7.2014 14:21:20
	Last Modified		11.11.2014 23:47:18
remReport() : Message			
From	Name		Value
	End Model Element		 N/A
	Project Management		Name
			Value
	Author	BaraB	
	Create Date Time	15.7.2014 14:20:43	
Type	Message		
Sequence Number	1.5		
Asynchronous	false		
Project Management	Name		Value
	Author		BaraB
	Create Date Time		15.7.2014 14:20:43
	Last Modified		11.11.2014 23:47:18
<<destroy>> : Message			
From	Name		Value
	End Model Element		 N/A
	Project Management		Name
			Value
	Author	BaraB	
	Create Date Time	15.7.2014 14:21:44	
Type	Message		
Sequence Number	1.6		
Asynchronous	false		
Project Management	Name		Value
	Author		BaraB
	Create Date Time		15.7.2014 14:21:44
	Last Modified		11.11.2014 23:47:18


report : WorkReport

Name	Value	
Multiplicity	Unspecified	
Base Classifier	 WorkReport	
Active	false	
Stopped	true	
Multi Object	false	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:21:20
	Last Modified	15.7.2014 14:35:24

Relationships

<<destroy>> : Message			
From	Name	Value	
	End Model Element	 teacher	
	Project Management	Name	Value
		Author	BaraB
Create Date Time		15.7.2014 14:21:20	
Type	Message		
Sequence Number	1.5.1		
Asynchronous	false		
Project Management	Name	Value	
	Author	BaraB	
	Create Date Time	15.7.2014 14:21:20	
	Last Modified	11.11.2014 23:47:18	

teacher : InternalTeacher

Name	Value	
Multiplicity	Unspecified	
Base Classifier	 InternalTeacher	
Active	false	
Stopped	true	
Multi Object	false	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:22:57
	Last Modified	15.7.2014 14:35:24

Relationships

<<destroy>> : Message				
From	Name		Value	
	End Model Element		N/A	
	Project Management	Name		Value
		Author		BaraB
Create Date Time		15.7.2014 14:22:57		
Type	Message			
Sequence Number	1.7			
Asynchronous	false			
Project Management	Name		Value	
	Author		BaraB	
	Create Date Time		15.7.2014 14:22:57	
	Last Modified		11.11.2014 23:47:18	

IF (teacher IS ExternalTeacher)

Name	Value		
Operator Kind	alt		
Project Management	Name		Value
	Author		BaraB
	Create Date Time		15.7.2014 14:23:53
	Last Modified		11.11.2014 23:47:18

Interaction Operands

Value
Operand3
Operand4

Covered LifeLines

Name	Documentation
N/A	
course	
teacher	
report	
teacher	
teacher	

Operand4

Name	Value
------	-------

Guard	Name		Value	
	Project Management	Name		Value
		Author	BaraB	
		Create Date Time	15.7.2014 14:23:53	
Project Management	Name		Value	
	Author	BaraB		
	Create Date Time	15.7.2014 14:23:53		
	Last Modified	11.11.2014 23:47:18		

Operand3

Name		Value		
Guard	Name		Value	
	Constraint	IF (teacher IS ExternalTeacher)		
	Project Management	Name		Value
		Author	BaraB	
Create Date Time		15.7.2014 14:24:09		
Project Management	Name		Value	
	Author	BaraB		
	Create Date Time	15.7.2014 14:23:53		
	Last Modified	11.11.2014 23:47:18		

N/A

Name		Value	
Documentation	Removes the information about the removed teacher.		
Project Management	Name		Value
	Author	BaraB	
	Create Date Time	15.7.2014 14:16:43	
	Last Modified	15.7.2014 14:24:40	

N/A

Name		Value	
Documentation	Changes the responsible person to the teacher who started this scenario.		
Project Management	Name		Value
	Author	BaraB	
	Create Date Time	15.7.2014 14:16:40	
	Last Modified	11.11.2014 23:47:18	

Operand2

Name	Value
-------------	--------------

Guard	Name	Value		
	Constraint	FOR (courses the teacher lectures)		
	Project Management	Name	Value	
		Author	BaraB	
Create Date Time		15.7.2014 14:15:40		
Project Management	Name	Value		
	Author	BaraB		
	Create Date Time	15.7.2014 14:15:19		
	Last Modified	11.11.2014 23:47:18		




FOR (courses the teacher lectures)

Name	Value	
Operator Kind	loop	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:15:19
	Last Modified	11.11.2014 23:47:18

Interaction Operands

Value
Operand2

Covered LifeLines

Name	Documentation
 N/A	
 course	
 teacher	

Operand

Name	Value			
Guard	Name	Value		
	Constraint	FOR (courses the teacher is responsible for)		
	Project Management	Name	Value	
		Author	BaraB	
Create Date Time		15.7.2014 14:14:56		
Project Management	Name	Value		
	Author	BaraB		
	Create Date Time	15.7.2014 14:14:31		
	Last Modified	11.11.2014 23:47:18		




FOR (courses the teacher is responsible for)

Name	Value	
Operator Kind	loop	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:14:31
	Last Modified	11.11.2014 23:47:18

Interaction Operands

Value
Operand

Covered LifeLines

Name	Documentation
 N/A	
 course	
 teacher	

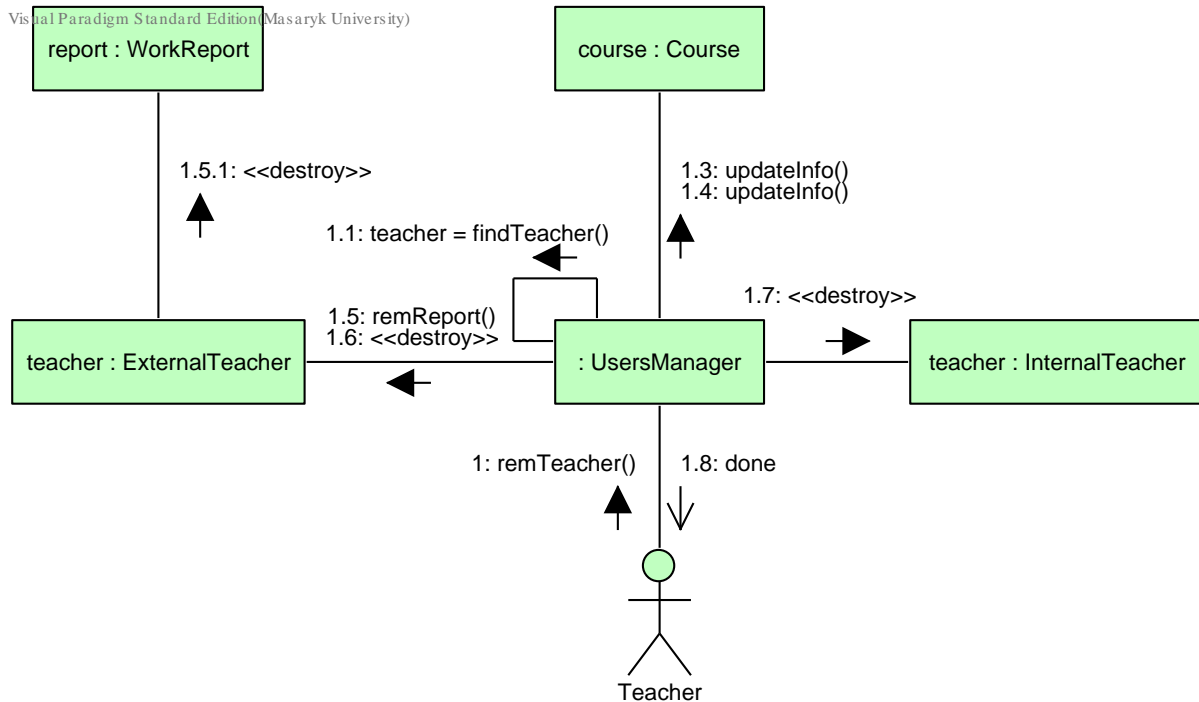
 **N/A**

Name	Value	
Documentation	Gets the list of courses for the teacher.	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:16:40
	Last Modified	11.11.2014 23:50:26

Communication Diagram

remTeacher - Communications

Visual Paradigm Standard Edition (Masaryk University)



Name	Value
Name	remTeacher - Communications
Author	BaraB
Create Date Time	15.7.2014 14:34:33
Last Modified	11.11.2014 23:59:21
Shape Presentation Option	0
Show Parameter Types In Message Operation Signature	true

Summary

Name	Documentation
: UsersManager	
done	
Teacher	
<<destroy>>	
teacher : InternalTeacher	
<<destroy>>	
teacher : ExternalTeacher	
<<destroy>>	
report : WorkReport	
remReport()	



→ updateInfo()	
→ course : Course	
→ updateInfo()	
→ teacher = findTeacher()	
→ remTeacher()	

Details

: UsersManager


Name	Value	
Multiplicity	Unspecified	
Base Classifier	UsersManager	
Active	false	
Stopped	false	
Multi Object	false	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:09:13
	Last Modified	11.11.2014 23:47:18

Relationships

Unnamed Link		
To	Name	Value
	End Model Element	 N/A
	Multiplicity	Unspecified
	Project Management	Name
Author		BaraB
Create Date Time		15.7.2014 14:34:34
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:34:34
	Last Modified	15.7.2014 14:35:24
Unnamed Link		
To	Name	Value
	End Model Element	 course
	Multiplicity	Unspecified
	Project Management	Name
Author		BaraB
Create Date Time		15.7.2014 14:34:34


Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:34:34
	Last Modified	15.7.2014 14:35:24

Unnamed Link

To	Name	Value		
	End Model Element	 teacher		
	Multiplicity	Unspecified		
	Project Management	Name	Value	
		Author	BaraB	
Create Date Time		15.7.2014 14:34:34		


Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:34:34
	Last Modified	15.7.2014 14:35:24

Unnamed Link

To	Name	Value		
	End Model Element	 teacher		
	Multiplicity	Unspecified		
	Project Management	Name	Value	
		Author	BaraB	
Create Date Time		15.7.2014 14:34:34		




Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:34:34
	Last Modified	15.7.2014 14:35:24

Unnamed Link

From	Name	Value		
	End Model Element	 Teacher		
	Multiplicity	Unspecified		
	Project Management	Name	Value	
		Author	BaraB	
Create Date Time		15.7.2014 14:34:34		

Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:34:34
	Last Modified	15.7.2014 14:35:24

→ done


Name	Value		
End Relationship From Meta Model Element	 N/A		
End Relationship To Meta Model Element	 Teacher		
From Activation	 Activation		
Type	Message		
Sequence Number	1.8		
Action Type	Name	Value	
	Name	Return	
	Iteration	false	
	Asynchronous	false	
	Project Management	Name	Value
		Author	BaraB
Create Date Time		15.7.2014 14:25:58	
Asynchronous	false		
Project Management	Name	Value	
	Author	BaraB	
	Create Date Time	15.7.2014 14:25:58	
	Last Modified	11.11.2014 23:47:18	

Teacher





Name	Value	
Visibility	public	
Abstract	false	
Leaf	false	
Root	false	
Active	false	
Business Model	false	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 13:53:22
	Last Modified	15.7.2014 14:35:24

Relationships


Unnamed Link

To	Name	Value		
	End Model Element	 N/A		
	Multiplicity	Unspecified		
	Project Management	Name	Value	
		Author	BaraB	
Create Date Time		15.7.2014 14:34:34		
Project Management	Name	Value		
	Author	BaraB		
	Create Date Time	15.7.2014 14:34:34		
	Last Modified	15.7.2014 14:35:24		

→ <<destroy>>

Name	Value	
End Relationship From Meta Model Element	 N/A	
End Relationship To Meta Model Element	 teacher	
From Activation	 Activation	
To Activation	 Activation	
Type	Message	
Sequence Number	1.7	
Asynchronous	false	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:22:57
	Last Modified	11.11.2014 23:47:18

 **teacher : InternalTeacher**

Name	Value	
Multiplicity	Unspecified	
Base Classifier	 InternalTeacher	
Active	false	
Stopped	true	
Multi Object	false	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:22:57
	Last Modified	15.7.2014 14:35:24

Relationships

Unnamed Link

From	Name	Value		
	End Model Element	N/A		
	Multiplicity	Unspecified		
	Project Management	Name	Value	
		Author	BaraB	
Create Date Time		15.7.2014 14:34:34		
Project Management	Name	Value		
	Author	BaraB		
	Create Date Time	15.7.2014 14:34:34		
	Last Modified	15.7.2014 14:35:24		

→ <<destroy>>



Name	Value	
End Relationship From Meta Model Element	N/A	
End Relationship To Meta Model Element	teacher	
From Activation	Activation	
To Activation	Activation	
Type	Message	
Sequence Number	1.6	
Asynchronous	false	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:21:44
	Last Modified	11.11.2014 23:47:18

 **teacher : ExternalTeacher**





Name	Value	
Multiplicity	Unspecified	
Base Classifier	ExternalTeacher	
Active	false	
Stopped	true	
Multi Object	false	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:20:43
	Last Modified	15.7.2014 14:35:24

Relationships

Unnamed Link


To	Name	Value		
	End Model Element	 report		
	Multiplicity	Unspecified		
	Project Management	Name	Value	
		Author	BaraB	
Create Date Time		15.7.2014 14:34:34		
Project Management	Name	Value		
	Author	BaraB		
	Create Date Time	15.7.2014 14:34:34		
	Last Modified	15.7.2014 14:35:24		
Unnamed Link				
From	Name	Value		
	End Model Element	 N/A		
	Multiplicity	Unspecified		
	Project Management	Name	Value	
		Author	BaraB	
Create Date Time		15.7.2014 14:34:34		
Project Management	Name	Value		
	Author	BaraB		
	Create Date Time	15.7.2014 14:34:34		
	Last Modified	15.7.2014 14:35:24		

→ <<destroy>>


Name	Value		
End Relationship From Meta Model Element	 teacher		
End Relationship To Meta Model Element	 report		
From Activation	 Activation		
To Activation	 Activation		
Type	Message		
Sequence Number	1.5.1		
Asynchronous	false		
Project Management	Name	Value	
	Author	BaraB	
	Create Date Time	15.7.2014 14:21:20	
	Last Modified	11.11.2014 23:47:18	

 **report : WorkReport**





Name	Value
Multiplicity	Unspecified

Base Classifier	 WorkReport	
Active	false	
Stopped	true	
Multi Object	false	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:21:20
	Last Modified	15.7.2014 14:35:24

Relationships




Unnamed Link			
From	Name	Value	
	End Model Element	 teacher	
	Multiplicity	Unspecified	
	Project Management	Name	Value
		Author	BaraB
Create Date Time		15.7.2014 14:34:34	
Project Management	Name	Value	
	Author	BaraB	
	Create Date Time	15.7.2014 14:34:34	
	Last Modified	15.7.2014 14:35:24	

→ remReport()


Name	Value	
End Relationship From Meta Model Element	 N/A	
End Relationship To Meta Model Element	 teacher	
From Activation	 Activation	
To Activation	 Activation	
Type	Message	
Sequence Number	1.5	
Asynchronous	false	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:20:43
	Last Modified	11.11.2014 23:47:18

→ updateInfo()


Name	Value
End Relationship From Meta Model Element	 N/A

End Relationship To Meta Model Element	 course	
From Activation	 Activation	
To Activation	 Activation	
Type	Message	
Sequence Number	1.4	
Asynchronous	false	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:12:50
	Last Modified	11.11.2014 23:47:18

course : Course




Name	Value	
Multiplicity	Unspecified	
Base Classifier	 Course	
Active	false	
Stopped	false	
Multi Object	false	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:12:05
	Last Modified	15.7.2014 14:35:24

Relationships





Unnamed Link		
From	Name	Value
	End Model Element	 N/A
	Multiplicity	Unspecified
	Project Management	Name
Author		BaraB
Create Date Time		15.7.2014 14:34:34
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:34:34
	Last Modified	15.7.2014 14:35:24

→ updateInfo()




Name	Value
End Relationship From Meta Model Element	 N/A

End Relationship To Meta Model Element	 course	
From Activation	 Activation	
To Activation	 Activation	
Type	Message	
Sequence Number	1.3	
Asynchronous	false	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:12:05
	Last Modified	11.11.2014 23:47:18

→ teacher = findTeacher()

Name	Value	
End Relationship From Meta Model Element	 N/A	
End Relationship To Meta Model Element	 N/A	
From Activation	 Activation	
To Activation	 Activation	
Type	Self Message	
Sequence Number	1.1	
Asynchronous	false	
Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:11:07
	Last Modified	15.7.2014 14:35:24

→ remTeacher()

Name	Value
End Relationship From Meta Model Element	 Teacher
End Relationship To Meta Model Element	 N/A
Return Message	→ done
To Activation	 Activation
Type	Message
Sequence Number	1
Asynchronous	false

Project Management	Name	Value
	Author	BaraB
	Create Date Time	15.7.2014 14:09:13
	Last Modified	15.7.2014 14:35:24

Stereotypes

Include			
Extend			
appliedProfile			
UseCase			
Tagged Value Definitions	Level		
	Type	Enumeration	
	Enumeration Values	Summary, User, Subfunction	
	Project Management	Name	Value
		Author	veronika.lovrantova
		Create Date Time	29.11.2013 11:49:43
		Last Modified	29.11.2013 11:49:47
	Complexity		
	Type	Enumeration	
	Enumeration Values	Low, Medium, High	
	Project Management	Name	Value
		Author	veronika.lovrantova
		Create Date Time	29.11.2013 11:49:43
		Last Modified	29.11.2013 11:49:47
	Use Case Status		
	Type	Enumeration	
	Enumeration Values	Name Only, Initial, Base, Complete, Deferred	
	Project Management	Name	Value
		Author	veronika.lovrantova
		Create Date Time	29.11.2013 11:49:43
		Last Modified	29.11.2013 11:49:47
	Implementation Status		
	Type	Enumeration	
	Enumeration Values	Scheduled, Started, Partially Complete, Complete, Partially Deferred	
	Project Management	Name	Value
		Author	veronika.lovrantova
		Create Date Time	29.11.2013 11:49:43
Last Modified		29.11.2013 11:49:47	
Preconditions			
Type	Multi-line Text		

Project Management	Name		Value	
	Author	veronika.lovrantova		
	Create Date Time	29.11.2013 11:49:43		
	Last Modified	29.11.2013 11:49:47		
Post-conditions				
Type	Multi-line Text			
Project Management	Name		Value	
	Author	veronika.lovrantova		
	Create Date Time	29.11.2013 11:49:43		
	Last Modified	29.11.2013 11:49:47		
Author				
Type	Text			
Project Management	Name		Value	
	Author	veronika.lovrantova		
	Create Date Time	29.11.2013 11:49:43		
	Last Modified	29.11.2013 11:49:47		
Assumptions				
Type	Multi-line Text			
Project Management	Name		Value	
	Author	veronika.lovrantova		
	Create Date Time	29.11.2013 11:49:43		
	Last Modified	29.11.2013 11:49:47		

requirement					
Tagged Value Definitions	Text				
	Type	HTML			
	Project Management	Name		Value	
		Author	veronika.lovrantova		
		Create Date Time	29.11.2013 11:49:47		
		Last Modified	29.11.2013 11:49:47		
	ID				
	Type	Text			
	Project Management	Name		Value	
		Author	veronika.lovrantova		
Create Date Time		29.11.2013 11:49:47			
Last Modified		29.11.2013 11:49:47			
source					
Type	Text				

Project Management	Name	Value
	Author	veronika.lovrantova
	Create Date Time	29.11.2013 11:49:47
	Last Modified	29.11.2013 11:49:47
kind		
Type	Enumeration	
Enumeration Values	Functional, Performance, Interface	
Project Management	Name	Value
	Author	veronika.lovrantova
	Create Date Time	29.11.2013 11:49:47
	Last Modified	29.11.2013 11:49:47
verifyMethod		
Type	Enumeration	
Enumeration Values	Analysis, Demonstration, Inspection, Test	
Project Management	Name	Value
	Author	veronika.lovrantova
	Create Date Time	29.11.2013 11:49:47
	Last Modified	29.11.2013 11:49:47
risk		
Type	Enumeration	
Enumeration Values	High, Medium, Low	
Project Management	Name	Value
	Author	veronika.lovrantova
	Create Date Time	29.11.2013 11:49:47
	Last Modified	29.11.2013 11:49:47
status		
Type	Enumeration	
Enumeration Values	Proposed, Approved, Rejected, Deferred, Implemented, Mandatory, Obsolete	
Project Management	Name	Value
	Author	veronika.lovrantova
	Create Date Time	29.11.2013 11:49:47
	Last Modified	29.11.2013 11:49:47