

PB007

jsenko

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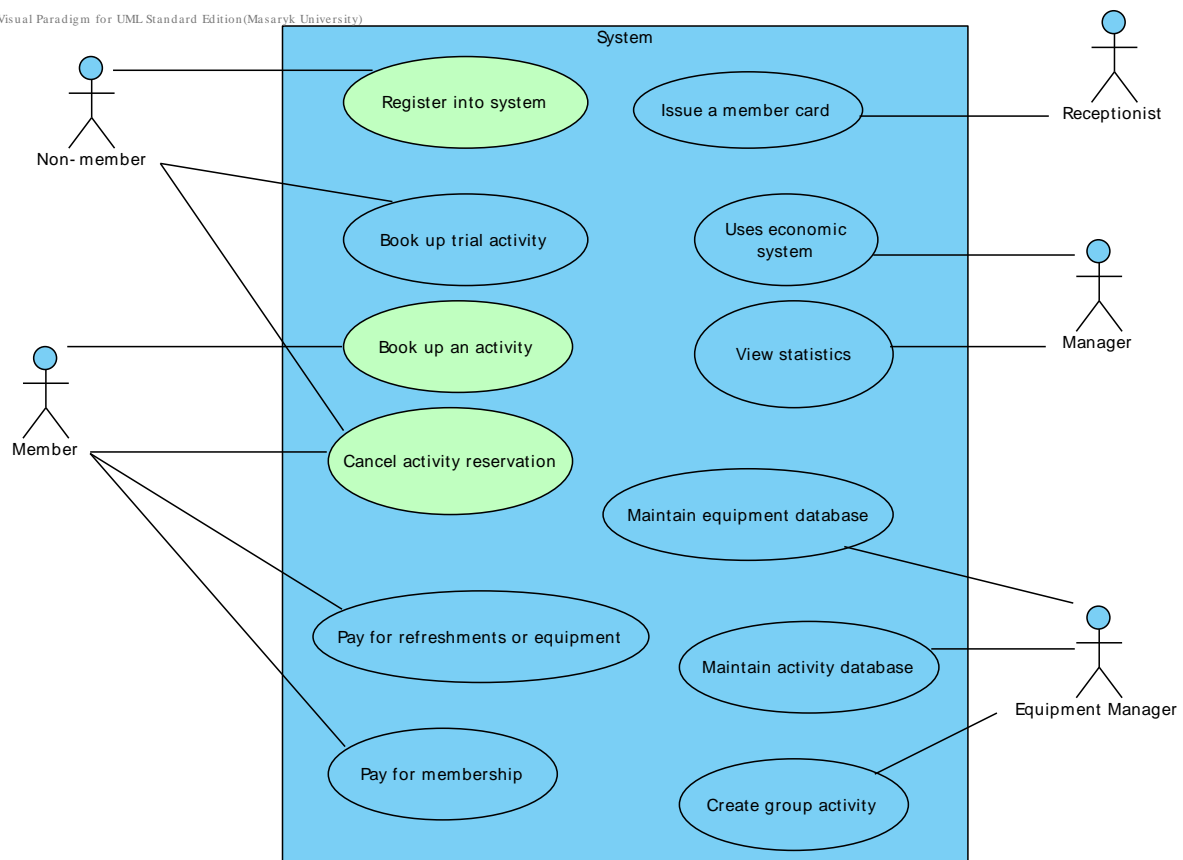
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Use Case Diagram

Use Case Diagram

Visual Paradigm for UML Standard Edition(Masaryk University)




Name	Value
Name	Use Case Diagram
Author	jsenko
Create Date Time	Sep 27, 2012 6:54:32 PM
Last Modified	Oct 20, 2012 8:05:06 AM
Show Extend Condition	false

Summary

Name	Documentation
Member	
Non-member	
Manager	
Equipment Manager	
Receptionist	
Uses economic system	
Issue a member card	
Book up trial activity	
Maintain activity database	
Maintain equipment database	

● Pay for refreshments or equipment	
● Cancel activity reservation	<p>Brief Description: User decide not to go to activity A from time T</p> <p>Preconditions: User must have activity A reserved</p> <p>Main Flow:</p> <ol style="list-style-type: none"> 1. User logs in 2. User goes to his activity list and finds the proper activity 3. User clicks the button "cancel reservation" 4. The Reservation is cancelled <p>Postcondition: User has not activity A reserved</p> <p>Alternative Flows:</p>
● View statistics	
● Pay for membership	
● Create group activity	
● Book up an activity	<p>Brief description: Member finds in ordering system appropriate activity and calendar inside it and book up the time that suits him</p> <p>Precondition: None</p> <p>Main Flow:</p> <ol style="list-style-type: none"> 1. Member selects an activity 2. The calendar of activity is displayed to him. 3. He chooses the time he wants 4. If the time he wants is already reserved, he can join the queue of activity. <ol style="list-style-type: none"> 4.1 If activity is not engaged, the user gets email or sms notification and he can join it 5. He can pay for it till 7 days after attending the activity 6. If he doesn't pay in time, he will receive penalty <p>Postcondition: None</p> <p>Alternative Flows: None</p>
● Register into system	<p>Brief description: The customer provides his credentials including nickname and password in order to verify his identity when signing into system</p> <p>Preconditions: None</p> <p>Main Flow:</p> <ol style="list-style-type: none"> 1. The use case starts when user clicks the button "Register" 2. User must type in his credentials into textfields(email and password twice) 3. All credentials must be filled in 4. Customer confirms his credentials 5. Customer must accept the terms of use 5. WHILE passwords or emails dont match <ol style="list-style-type: none"> 5.1 customer gets new form with filled credentials except those that dont match 5.2 customer confirms his credentials 5.3 credentials are validated

	6. User credentials are processed on the server
	Postcondition: None
	Alternative flow: 1. The user cancels registration form during the registration
 System	

Documentation

Functional requirements

- System must keep records of users in the database
- System must distinguish different types of membership (monthly, yearly, trial)
- System will assign an unique identifier (ICO) to each user
- System will identify the user utilizing contactless smart card
- System must keep track of users membership fee payments
- System will distinguish two types of activities - individual and group
- System must allow users to book an activity using a web interface
- System should include a mechanism for canceling reservations
- System must collect statistics on the use of individual activities that will be accessible to a manager
- System will be able to communicate with the economic system

Non-functional

- System will also be accessible for visually and hearing impaired users
- System is scalable, when deployed it must be able to serve 10,000 users simultaneously
- System must prevent single account from being used by multiple persons
- System should be optimized for all modern desktop and mobile browsers
- The system may be down for at most 1 hour a month


Details





Member


Name	Value	
Author	jsenko	
Create Date Time	Sep 27, 2012 6:55:39 PM	
Last Modified	Oct 4, 2012 7:22:34 PM	
ID	AC01	
Visibility	public	
Abstract	false	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary
Business Model	false	
Goals		

Relationships

Unnamed Association		
From	Name	Value
	End Model Element	 Pay for membership
	Author	jsenko
	Create Date Time	Oct 2, 2012 1:56:43 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 2, 2012 1:56:43 PM	
Last Modified	Oct 2, 2012 2:01:38 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Unnamed Association		
From	Name	Value
	End Model Element	 Pay for refreshments or equipment
	Author	jsenko
	Create Date Time	Oct 2, 2012 2:00:46 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 2, 2012 2:00:46 PM	
Last Modified	Oct 2, 2012 2:08:10 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Unnamed Association		
From	Name	Value
	End Model Element	 Book up an activity
	Author	jsenko
	Create Date Time	Oct 4, 2012 6:49:34 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 4, 2012 6:49:34 PM	
Last Modified	Oct 4, 2012 6:50:32 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	


Unnamed Association		
From	Name	Value
	End Model Element	 Cancel activity reservation
	Author	jsenko
	Create Date Time	Oct 4, 2012 7:19:46 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 4, 2012 7:19:46 PM	
Last Modified	Oct 4, 2012 7:32:11 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	





Non-member

Name	Value	
Author	jsenko	
Create Date Time	Sep 27, 2012 7:07:14 PM	
Last Modified	Oct 4, 2012 7:22:34 PM	
ID	AC04	
Visibility	public	
Abstract	false	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary
Business Model	false	
Goals		

Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 Register into system
	Author	jsenko
	Create Date Time	Oct 4, 2012 6:56:33 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 4, 2012 6:56:33 PM	
Last Modified	Oct 4, 2012 7:01:36 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Unnamed Association		
From	Name	Value
	End Model Element	 Book up trial activity
	Author	jsenko
	Create Date Time	Oct 4, 2012 7:06:53 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 4, 2012 7:06:53 PM	
Last Modified	Oct 9, 2012 10:35:00 AM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	


Unnamed Association		
From	Name	Value
	End Model Element	 Cancel activity reservation
	Author	jsenko
	Create Date Time	Oct 4, 2012 7:19:53 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 4, 2012 7:19:53 PM	
Last Modified	Oct 4, 2012 7:32:11 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	




Manager

Name	Value	
Author	jsenko	
Create Date Time	Sep 27, 2012 7:05:02 PM	
Last Modified	Oct 4, 2012 7:22:34 PM	
ID	AC03	
Visibility	public	
Abstract	false	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary
Business Model	false	
Goals		

Relationships

Unnamed Association		
From	Name	Value
	End Model Element	 View statistics
	Author	jsenko
	Create Date Time	Oct 2, 2012 1:57:23 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 2, 2012 1:57:23 PM	
Last Modified	Oct 2, 2012 2:01:38 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	


Unnamed Association		
From	Name	Value
	End Model Element	 Uses economic system
	Author	jsenko
	Create Date Time	Oct 4, 2012 7:18:40 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 4, 2012 7:18:40 PM	
Last Modified	Oct 4, 2012 7:22:34 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	





Equipment Manager

Name	Value	
Author	jsenko	
Create Date Time	Sep 27, 2012 7:10:13 PM	
Last Modified	Oct 4, 2012 7:22:34 PM	
ID	AC06	
Visibility	public	
Abstract	false	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary
Business Model	false	
Goals		

Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 Create group activity
	Author	jsenko
	Create Date Time	Oct 4, 2012 7:20:39 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 4, 2012 7:20:39 PM	
Last Modified	Oct 4, 2012 7:32:11 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Unnamed Association		
From	Name	Value
	End Model Element	 Maintain equipment database
	Author	jsenko
	Create Date Time	Oct 2, 2012 2:01:50 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 2, 2012 2:01:50 PM	
Last Modified	Oct 2, 2012 2:08:10 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	


Unnamed Association		
From	Name	Value
	End Model Element	 Maintain activity database
	Author	jsenko
	Create Date Time	Oct 2, 2012 2:02:12 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 2, 2012 2:02:12 PM	
Last Modified	Oct 2, 2012 2:08:10 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	



Receptionist

Name	Value	
Author	jsenko	
Create Date Time	Sep 27, 2012 7:04:43 PM	
Last Modified	Oct 4, 2012 7:22:34 PM	
ID	AC02	
Visibility	public	
Abstract	false	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary
Business Model	false	
Goals		


Relationships

Unnamed Association		
From	Name	Value
	End Model Element	 Issue a member card
	Author	jsenko
	Create Date Time	Oct 4, 2012 7:13:35 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 4, 2012 7:13:35 PM	
Last Modified	Oct 4, 2012 7:22:34 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Uses economic system

Name	Value	
Author	jsenko	
Create Date Time	Oct 4, 2012 7:17:01 PM	
Last Modified	Oct 4, 2012 7:22:34 PM	
ID	UC15	
Abstract	false	
Leaf	false	
Root	false	
Stereotypes	UseCase	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Business Model	false	


Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 Manager
	Author	jsenko
	Create Date Time	Oct 4, 2012 7:18:40 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 4, 2012 7:18:40 PM	
Last Modified	Oct 4, 2012 7:22:34 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Issue a member card

Name	Value	
Author	jsenko	
Create Date Time	Oct 4, 2012 7:12:48 PM	
Last Modified	Oct 4, 2012 7:22:34 PM	
ID	UC14	
Abstract	false	
Leaf	false	
Root	false	
Stereotypes	UseCase	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Business Model	false	


Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 Receptionist
	Author	jsenko
	Create Date Time	Oct 4, 2012 7:13:35 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 4, 2012 7:13:35 PM	
Last Modified	Oct 4, 2012 7:22:34 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Book up trial activity

Name	Value	
Author	jsenko	
Create Date Time	Oct 4, 2012 6:50:30 PM	
Last Modified	Oct 9, 2012 10:35:00 AM	
ID	UC13	
Abstract	false	
Leaf	false	
Root	false	
Stereotypes	UseCase	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Business Model	false	


Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 Non-member
	Author	jsenko
	Create Date Time	Oct 4, 2012 7:06:53 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 4, 2012 7:06:53 PM	
Last Modified	Oct 9, 2012 10:35:00 AM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Maintain activity database

Name	Value	
Author	jsenko	
Create Date Time	Oct 2, 2012 2:01:58 PM	
Last Modified	Oct 2, 2012 2:08:10 PM	
ID	UC11	
Abstract	false	
Leaf	false	
Root	false	
Stereotypes	UseCase	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Business Model	false	


Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 Equipment Manager
	Author	jsenko
	Create Date Time	Oct 2, 2012 2:02:12 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 2, 2012 2:02:12 PM	
Last Modified	Oct 2, 2012 2:08:10 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Maintain equipment database

Name	Value	
Author	jsenko	
Create Date Time	Oct 2, 2012 2:01:31 PM	
Last Modified	Oct 2, 2012 2:08:10 PM	
ID	UC10	
Abstract	false	
Leaf	false	
Root	false	
Stereotypes	UseCase	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Business Model	false	


Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 Equipment Manager
	Author	jsenko
	Create Date Time	Oct 2, 2012 2:01:50 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 2, 2012 2:01:50 PM	
Last Modified	Oct 2, 2012 2:08:10 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Pay for refreshments or equipment

Name	Value	
Author	jsenko	
Create Date Time	Oct 2, 2012 2:00:12 PM	
Last Modified	Oct 2, 2012 2:08:10 PM	
ID	UC09	
Abstract	false	
Leaf	false	
Root	false	
Stereotypes	UseCase	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Business Model	false	

Relationships


Unnamed Association		
To	Name	Value
	End Model Element	 Member
	Author	jsenko
	Create Date Time	Oct 2, 2012 2:00:46 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 2, 2012 2:00:46 PM	
Last Modified	Oct 2, 2012 2:08:10 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	


Cancel activity reservation

Name	Value
Documentation	Brief Description: User decide not to go to activity A from time T
	Preconditions: User must have activity A reserved
	Main Flow: 1. User logs in 2. User goes to his activity list and finds the proper activity 3. User clicks the button "cancel reservation" 4. The Reservation is cancelled
	Postcondition: User has not activity A reserved
	Alternative Flows:
Author	jsenko

Create Date Time	Oct 2, 2012 1:58:54 PM	
Last Modified	Oct 9, 2012 2:54:59 PM	
ID	UC08	
Abstract	false	
Leaf	false	
Root	false	
Stereotypes	UseCase	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Business Model	false	

Relationships


Unnamed Association		
To	Name	Value
	End Model Element	 Member
	Author	jsenko
	Create Date Time	Oct 4, 2012 7:19:46 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 4, 2012 7:19:46 PM	
Last Modified	Oct 4, 2012 7:32:11 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Unnamed Association		
To	Name	Value
	End Model Element	 Non-member
	Author	jsenko
	Create Date Time	Oct 4, 2012 7:19:53 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 4, 2012 7:19:53 PM	
Last Modified	Oct 4, 2012 7:32:11 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

View statistics

Name	Value	
Author	jsenko	
Create Date Time	Oct 2, 2012 1:57:07 PM	
Last Modified	Oct 2, 2012 2:01:38 PM	
ID	UC07	
Abstract	false	
Leaf	false	
Root	false	
Stereotypes	UseCase	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Business Model	false	


Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 Manager
	Author	jsenko
	Create Date Time	Oct 2, 2012 1:57:23 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 2, 2012 1:57:23 PM	
Last Modified	Oct 2, 2012 2:01:38 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Pay for membership

Name	Value	
Author	jsenko	
Create Date Time	Oct 2, 2012 1:56:27 PM	
Last Modified	Oct 2, 2012 2:01:38 PM	
ID	UC06	
Abstract	false	
Leaf	false	
Root	false	
Stereotypes	UseCase	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Business Model	false	


Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 Member
	Author	jsenko
	Create Date Time	Oct 2, 2012 1:56:43 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 2, 2012 1:56:43 PM	
Last Modified	Oct 2, 2012 2:01:38 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Create group activity

Name	Value	
Author	jsenko	
Create Date Time	Sep 27, 2012 7:21:02 PM	
Last Modified	Oct 4, 2012 7:22:34 PM	
ID	UC04	
Abstract	false	
Leaf	false	
Root	false	
Stereotypes	UseCase	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Business Model	false	

Relationships


Unnamed Association		
From	Name	Value
	End Model Element	 Equipment Manager
	Author	jsenko
	Create Date Time	Oct 4, 2012 7:20:39 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 4, 2012 7:20:39 PM	
Last Modified	Oct 4, 2012 7:32:11 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Book up an activity

Name	Value
Documentation	Brief description: Member finds in ordering system appropriate activity and calendar inside it and book up the time that suits him
	Precondition: None
	Main Flow:
	<ol style="list-style-type: none"> 1. Member selects an activity 2. The calendar of activity is displayed to him. 3. He chooses the time he wants 4. If the time he wants is already reserved, he can join the queue of activity. <ol style="list-style-type: none"> 4.1 If activity is not engaged, the user gets email or sms notification and he can join it

	5. He can pay for it till 7 days after attending the activity 6. If he doesn't pay in time, he will receive penalty Postcondition: None Alternative Flows: None	
Author	jsenko	
Create Date Time	Sep 27, 2012 7:18:23 PM	
Last Modified	Oct 11, 2012 7:16:59 PM	
ID	UC03	
Abstract	false	
Leaf	false	
Root	false	
Stereotypes	UseCase	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Business Model	false	

Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 Member
	Author	jsenko
	Create Date Time	Oct 4, 2012 6:49:34 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 4, 2012 6:49:34 PM	
Last Modified	Oct 4, 2012 6:50:32 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Sub Diagrams


Name	Documentation
 Book up an activity	

Register into system

Name	Value
Documentation	Brief description: The customer provides his credentials including nickname and password in order to verify his identity when signing into system
	Preconditions: None
	Main Flow: 1. The use case starts when user clicks the button "Register" 2. User must type in his credentials into textfields(email and password twice)

	3. All credentials must be filled in 4. Customer confirms his credentials 5. Customer must accept the terms of use 5. WHILE passwords or emails dont match 5.1 customer gets new form with filled credentials except those that dont match 5.2 customer confirms his credentials 5.3 credentials are validated 6. User credentials are processed on the server Postcondition: None Alternative flow: 1. The user cancels registration form during the registration	
Author	jsenko	
Create Date Time	Sep 27, 2012 7:13:29 PM	
Last Modified	Oct 16, 2012 2:12:57 PM	
ID	UC01	
Abstract	false	
Leaf	false	
Root	false	
Stereotypes	UseCase	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Business Model	false	

Relationships

Unnamed Association		
From	Name	Value
	End Model Element	 Non-member
	Author	jsenko
	Create Date Time	Oct 4, 2012 6:56:33 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 4, 2012 6:56:33 PM	
Last Modified	Oct 4, 2012 7:01:36 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	



Sub Diagrams

Name	Documentation
 Register into system	

System

Name	Value	
Author	jsenko	
Create Date Time	Sep 27, 2012 7:00:48 PM	
Last Modified	Oct 9, 2012 2:29:16 PM	
Abstract	false	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

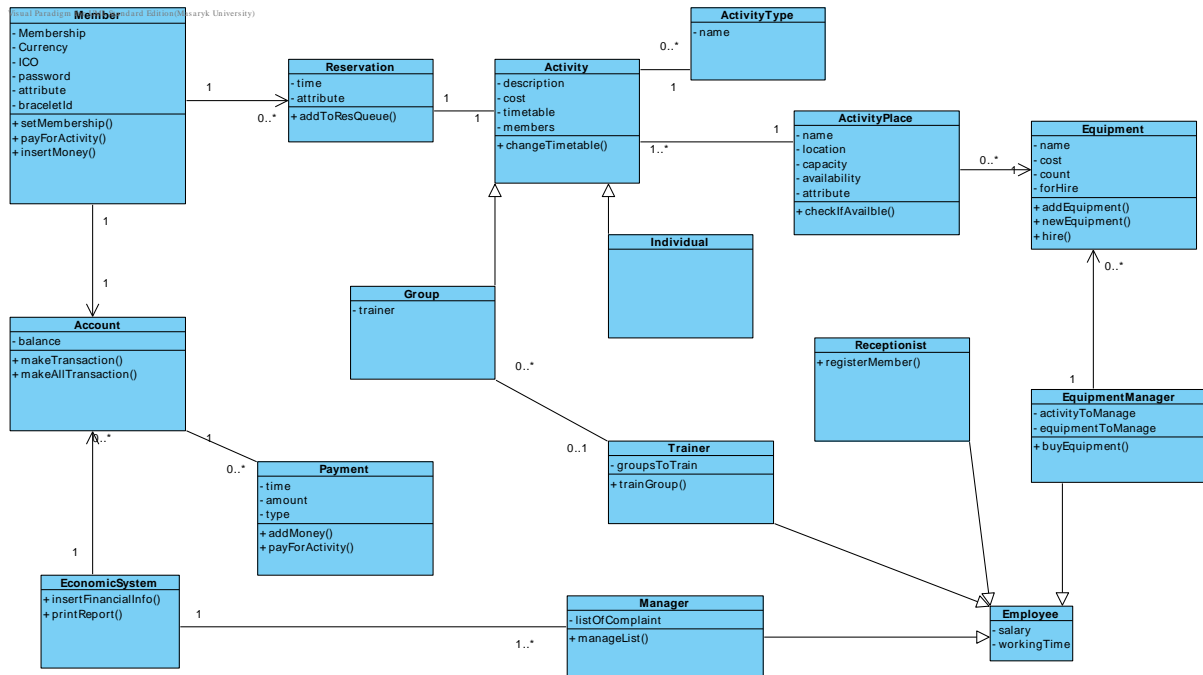
Children

Name	Documentation
 Register into system	<p>Brief description: The customer provides his credentials including nickname and password in order to verify his identity when signing into system</p> <p>Preconditions: None</p> <p>Main Flow:</p> <ol style="list-style-type: none"> 1. The use case starts when user clicks the button "Register" 2. User must type in his credentials into textfields(email and password twice) 3. All credentials must be filled in 4. Customer confirms his credentials 5. Customer must accept the terms of use 5. WHILE passwords or emails dont match <ol style="list-style-type: none"> 5.1 customer gets new form with filled credentials except those that dont match 5.2 customer confirms his credentials 5.3 credentials are validated 6. User credentials are processed on the server <p>Postcondition: None</p> <p>Alternative flow:</p> <ol style="list-style-type: none"> 1. The user cancels registration form during the registration
 Book up an activity	<p>Brief description: Member finds in ordering system appropriate activity and calendar inside it and book up the time that suits him</p> <p>Precondition: None</p> <p>Main Flow:</p> <ol style="list-style-type: none"> 1. Member selects an activity 2. The calendar of activity is displayed to him. 3. He chooses the time he wants 4. If the time he wants is already reserved, he can join the queue of activity.

	<p>4.1 If activity is not engaged, the user gets email or sms notification and he can join it</p> <p>5. He can pay for it till 7 days after attending the activity</p> <p>6. If he doesn't pay in time, he will receive penalty</p> <p>Postcondition: None</p> <p>Alternative Flows: None</p>
● Create group activity	
● Pay for membership	
● View statistics	
● Cancel activity reservation	<p>Brief Description: User decide not to go to activity A from time T</p> <p>Preconditions: User must have activity A reserved</p> <p>Main Flow:</p> <ol style="list-style-type: none"> 1. User logs in 2. User goes to his activity list and finds the proper activity 3. User clicks the button "cancel reservation" 4. The Reservation is cancelled <p>Postcondition: User has not activity A reserved</p> <p>Alternative Flows:</p>
● Pay for refreshments or equipment	
● Maintain equipment database	
● Maintain activity database	
● Book up trial activity	
● Issue a member card	
● Uses economic system	
● Register for trial	
● N/A	

Class Diagram


Analytical class diaram



Name	Value
Name	Analytical class diaram
Author	jsenko
Create Date Time	Oct 18, 2012 6:24:30 PM
Last Modified	Oct 23, 2012 2:22:08 PM

Summary

Name	Documentation
Member	
ActivityType	
Reservation	
Activity	
ActivityPlace	
Equipment	
Individual	
Group	
Account	
Receptionist	
EquipmentManager	
Trainer	
Payment	
EconomicSystem	
Manager	

 Employee	
--	--

Details

Member

Name	Value	
Author	jsenko	
Create Date Time	Oct 18, 2012 6:27:48 PM	
Last Modified	Oct 20, 2012 8:14:49 AM	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Attributes

private Membership			
Author	jsenko		
Create Date Time	Oct 18, 2012 6:32:30 PM		
Last Modified	Oct 18, 2012 6:35:53 PM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

private Currency			
Author	jsenko		
Create Date Time	Oct 18, 2012 6:32:36 PM		
Last Modified	Oct 18, 2012 6:35:53 PM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

private ICO			
Author	jsenko		
Create Date Time	Oct 18, 2012 6:33:48 PM		
Last Modified	Oct 18, 2012 6:35:53 PM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

private password			
Author	jsenko		
Create Date Time	Oct 18, 2012 6:33:57 PM		
Last Modified	Oct 18, 2012 6:35:53 PM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

private attribute			
Author	jsenko		
Create Date Time	Oct 18, 2012 6:34:05 PM		
Last Modified	Oct 18, 2012 6:35:53 PM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

private braceletId			
Author	jsenko		
Create Date Time	Oct 18, 2012 7:26:03 PM		
Last Modified	Oct 18, 2012 7:27:28 PM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


Operations


public setMembership ()	
Author	jsenko
Create Date Time	Oct 18, 2012 6:36:38 PM
Last Modified	Oct 18, 2012 6:45:54 PM
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

public payForActivity ()	
Author	jsenko
Create Date Time	Oct 18, 2012 6:37:07 PM
Last Modified	Oct 18, 2012 6:45:54 PM
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

public insertMoney ()	
Author	jsenko
Create Date Time	Oct 18, 2012 6:37:20 PM
Last Modified	Oct 18, 2012 6:45:54 PM
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 Account
	Author	jsenko
	Create Date Time	Oct 18, 2012 6:54:09 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	1
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 18, 2012 6:54:09 PM	
Last Modified	Oct 18, 2012 7:16:58 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Unnamed Association		
To	Name	Value
	End Model Element	 Reservation
	Author	jsenko
	Create Date Time	Oct 18, 2012 7:03:05 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	0..*
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 18, 2012 7:03:05 PM	
Last Modified	Oct 18, 2012 7:27:27 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	


ActivityType

Name	Value	
Author	jsenko	
Create Date Time	Oct 18, 2012 7:36:49 PM	
Last Modified	Oct 18, 2012 7:42:59 PM	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Attributes

private name			
Author	jsenko		
Create Date Time	Oct 18, 2012 7:38:34 PM		
Last Modified	Oct 18, 2012 7:42:59 PM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

Relationships

Unnamed Association		
From	Name	Value
	End Model Element	 Activity
	Author	jsenko
	Create Date Time	Oct 18, 2012 7:37:07 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	0..*
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 18, 2012 7:37:07 PM	
Last Modified	Oct 18, 2012 7:42:59 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Reservation

Name	Value	
Author	jsenko	
Create Date Time	Oct 18, 2012 6:38:46 PM	
Last Modified	Oct 20, 2012 8:34:51 AM	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Attributes


private time			
Author	jsenko		
Create Date Time	Oct 18, 2012 7:28:37 PM		
Last Modified	Oct 18, 2012 7:37:28 PM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


private attribute			
Author	jsenko		
Create Date Time	Oct 18, 2012 7:29:06 PM		
Last Modified	Oct 18, 2012 7:37:28 PM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

Operations

public addToResQueue ()	
Author	Peter
Create Date Time	Oct 20, 2012 8:23:33 AM
Last Modified	Oct 20, 2012 8:34:51 AM
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 Activity
	Author	jsenko
	Create Date Time	Oct 18, 2012 7:42:26 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	1
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 18, 2012 7:42:26 PM	
Last Modified	Oct 20, 2012 8:14:49 AM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Unnamed Association		
From	Name	Value
	End Model Element	 Member
	Author	jsenko
	Create Date Time	Oct 18, 2012 7:03:05 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	1
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	unspecified
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 18, 2012 7:03:05 PM	
Last Modified	Oct 18, 2012 7:27:27 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Activity

Name	Value	
Author	jsenko	
Create Date Time	Oct 18, 2012 6:38:36 PM	
Last Modified	Oct 23, 2012 1:04:13 PM	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Attributes

private description			
Author	jsenko		
Create Date Time	Oct 18, 2012 7:29:57 PM		
Last Modified	Oct 18, 2012 7:37:28 PM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

private cost			
Author	jsenko		
Create Date Time	Oct 18, 2012 7:30:01 PM		
Last Modified	Oct 18, 2012 7:37:28 PM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

private timetable			
Author	jsenko		
Create Date Time	Oct 18, 2012 7:30:04 PM		
Last Modified	Oct 18, 2012 7:37:28 PM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


private members			
Author	jsenko		
Create Date Time	Oct 23, 2012 1:02:41 PM		
Last Modified	Oct 23, 2012 1:04:13 PM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

Operations


public changeTimetable ()	
Author	Peter
Create Date Time	Oct 20, 2012 8:31:55 AM
Last Modified	Oct 20, 2012 8:34:51 AM
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false


Relationships

Unnamed Generalization	
To	 Individual
Author	jsenko
Create Date Time	Oct 18, 2012 6:45:18 PM
Last Modified	Oct 18, 2012 6:45:54 PM
Quality Score	Good
Substitutable	false
Visibility	Unspecified

Unnamed Association		
To	Name	Value
	End Model Element	 ActivityType
	Author	jsenko
	Create Date Time	Oct 18, 2012 7:37:07 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	1
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 18, 2012 7:37:07 PM	
Last Modified	Oct 18, 2012 7:42:59 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Unnamed Generalization	
To	 Group
Author	jsenko
Create Date Time	Oct 18, 2012 6:45:27 PM
Last Modified	Oct 23, 2012 1:01:43 PM
Quality Score	Good
Substitutable	false
Visibility	Unspecified

Unnamed Association		
From	Name	Value
	End Model Element	 ActivityPlace
	Author	jsenko
	Create Date Time	Oct 18, 2012 6:55:08 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	1
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 18, 2012 6:55:08 PM	
Last Modified	Oct 18, 2012 7:42:59 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Unnamed Association		
From	Name	Value
	End Model Element	 Reservation
	Author	jsenko
	Create Date Time	Oct 18, 2012 7:42:26 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	1
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 18, 2012 7:42:26 PM	
Last Modified	Oct 20, 2012 8:14:49 AM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

ActivityPlace

Name	Value	
Author	jsenko	
Create Date Time	Oct 18, 2012 6:39:40 PM	
Last Modified	Oct 20, 2012 8:34:51 AM	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Attributes

private name			
Author	jsenko		
Create Date Time	Oct 18, 2012 7:38:57 PM		
Last Modified	Oct 18, 2012 7:42:59 PM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

private location			
Author	jsenko		
Create Date Time	Oct 18, 2012 7:39:00 PM		
Last Modified	Oct 18, 2012 7:42:59 PM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

private capacity			
Author	jsenko		
Create Date Time	Oct 18, 2012 7:39:17 PM		
Last Modified	Oct 18, 2012 7:42:59 PM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


private availability			
Author	Peter		
Create Date Time	Oct 20, 2012 8:09:23 AM		
Last Modified	Oct 20, 2012 8:14:49 AM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


private attribute			
Author	Peter		
Create Date Time	Oct 20, 2012 8:29:19 AM		
Last Modified	Oct 20, 2012 8:34:51 AM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

Operations

public checkIfAvailble ()	
Author	Peter
Create Date Time	Oct 20, 2012 8:29:25 AM
Last Modified	Oct 20, 2012 8:34:51 AM
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 Activity
	Author	jsenko
	Create Date Time	Oct 18, 2012 6:55:08 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	1..*
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 18, 2012 6:55:08 PM	
Last Modified	Oct 18, 2012 7:42:59 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Unnamed Association		
From	Name	Value
	End Model Element	 Equipment
	Author	jsenko
	Create Date Time	Oct 18, 2012 7:01:40 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	1
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 18, 2012 7:01:40 PM	
Last Modified	Oct 18, 2012 7:27:27 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Equipment

Name	Value	
Author	jsenko	
Create Date Time	Oct 18, 2012 6:41:12 PM	
Last Modified	Oct 23, 2012 1:11:18 PM	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Attributes

private name			
Author	jsenko		
Create Date Time	Oct 18, 2012 7:39:31 PM		
Last Modified	Oct 18, 2012 7:42:59 PM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

private cost			
Author	jsenko		
Create Date Time	Oct 18, 2012 7:39:34 PM		
Last Modified	Oct 18, 2012 7:42:59 PM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

private count			
Author	jsenko		
Create Date Time	Oct 18, 2012 7:39:36 PM		
Last Modified	Oct 18, 2012 7:42:59 PM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

private forHire			
Author	jsenko		
Create Date Time	Oct 23, 2012 1:06:08 PM		
Last Modified	Oct 23, 2012 1:11:18 PM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


Operations


public addEquipment ()	
Author	Peter
Create Date Time	Oct 20, 2012 8:28:07 AM
Last Modified	Oct 20, 2012 8:34:51 AM
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

public newEquipment ()	
Author	Peter
Create Date Time	Oct 20, 2012 8:28:13 AM
Last Modified	Oct 20, 2012 8:34:51 AM
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

public hire ()	
Author	jsenko
Create Date Time	Oct 23, 2012 1:06:25 PM
Last Modified	Oct 23, 2012 1:11:18 PM
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

Relationships


Unnamed Association		
To	Name	Value
	End Model Element	 ActivityPlace
	Author	jsenko
	Create Date Time	Oct 18, 2012 7:01:40 PM
	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
Author	jsenko	
Create Date Time	Oct 18, 2012 7:01:40 PM	
Last Modified	Oct 18, 2012 7:27:27 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Unnamed Association		
To	Name	Value
	End Model Element	 EquipmentManager
	Author	jsenko
	Create Date Time	Oct 23, 2012 1:07:06 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	1
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	unspecified
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 23, 2012 1:07:06 PM	
Last Modified	Oct 23, 2012 1:11:18 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Derived	false	

Individual

Name	Value	
Author	jsenko	
Create Date Time	Oct 18, 2012 6:44:40 PM	
Last Modified	Oct 23, 2012 1:01:43 PM	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships

Unnamed Generalization	
From	 Activity
Author	jsenko
Create Date Time	Oct 18, 2012 6:45:18 PM
Last Modified	Oct 18, 2012 6:45:54 PM
Quality Score	Good
Substitutable	false
Visibility	Unspecified


Group


Name	Value	
Author	jsenko	
Create Date Time	Oct 18, 2012 6:44:49 PM	
Last Modified	Oct 23, 2012 1:01:43 PM	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Attributes

private trainer			
Author	Peter		
Create Date Time	Oct 20, 2012 8:10:39 AM		
Last Modified	Oct 23, 2012 1:01:43 PM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 Trainer
	Author	jsenko
	Create Date Time	Oct 23, 2012 1:01:24 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	0..1
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 23, 2012 1:01:24 PM	
Last Modified	Oct 23, 2012 1:04:13 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Derived	false	

Unnamed Generalization	
From	 Activity
Author	jsenko
Create Date Time	Oct 18, 2012 6:45:27 PM
Last Modified	Oct 23, 2012 1:01:43 PM
Quality Score	Good
Substitutable	false
Visibility	Unspecified

Account

Name	Value	
Author	jsenko	
Create Date Time	Oct 18, 2012 6:39:24 PM	
Last Modified	Oct 23, 2012 12:55:42 PM	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Attributes


private balance			
Author	jsenko		
Create Date Time	Oct 18, 2012 7:27:28 PM		
Last Modified	Oct 18, 2012 7:37:28 PM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


Operations


public makeTransaction ()	
Author	Peter
Create Date Time	Oct 20, 2012 8:21:29 AM
Last Modified	Oct 20, 2012 8:24:50 AM
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

public makeAllTransaction ()	
Author	Peter
Create Date Time	Oct 20, 2012 8:21:41 AM
Last Modified	Oct 20, 2012 8:24:50 AM
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 EconomicSystem
	Author	jsenko
	Create Date Time	Oct 18, 2012 7:05:00 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	1
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	unspecified
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 18, 2012 7:05:00 PM	
Last Modified	Oct 18, 2012 7:16:58 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Unnamed Association		
To	Name	Value
	End Model Element	 Payment
	Author	jsenko
	Create Date Time	Oct 18, 2012 6:54:34 PM
	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
Author	jsenko	
Create Date Time	Oct 18, 2012 6:54:34 PM	
Last Modified	Oct 18, 2012 7:42:59 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Unnamed Association		
From	Name	Value
	End Model Element	 Member
	Author	jsenko
	Create Date Time	Oct 18, 2012 6:54:09 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	1
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	unspecified
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 18, 2012 6:54:09 PM	
Last Modified	Oct 18, 2012 7:16:58 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Receptionist

Name	Value	
Author	jsenko	
Create Date Time	Oct 18, 2012 6:46:49 PM	
Last Modified	Oct 23, 2012 1:11:18 PM	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Operations

public registerMember ()	
Author	Peter
Create Date Time	Oct 20, 2012 8:32:59 AM
Last Modified	Oct 20, 2012 8:34:51 AM
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

Relationships

Unnamed Generalization	
From	 Employee
Author	jsenko
Create Date Time	Oct 18, 2012 6:47:51 PM
Last Modified	Oct 18, 2012 6:56:31 PM
Quality Score	Good
Substitutable	false
Visibility	Unspecified

EquipmentManager

Name	Value	
Author	jsenko	
Create Date Time	Oct 18, 2012 6:47:10 PM	
Last Modified	Oct 23, 2012 1:11:18 PM	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Attributes

private activityToManage			
Author	Peter		
Create Date Time	Oct 20, 2012 8:34:36 AM		
Last Modified	Oct 20, 2012 8:41:46 AM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


private equipmentToManage			
Author	jsenko		
Create Date Time	Oct 23, 2012 1:06:47 PM		
Last Modified	Oct 23, 2012 1:11:18 PM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

Operations

public buyEquipment ()	
Author	Peter
Create Date Time	Oct 20, 2012 8:33:57 AM
Last Modified	Oct 20, 2012 8:34:51 AM
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

Relationships

Unnamed Generalization	
From	 Employee
Author	jsenko
Create Date Time	Oct 18, 2012 6:48:01 PM
Last Modified	Oct 18, 2012 6:56:31 PM
Quality Score	Good
Substitutable	false
Visibility	Unspecified

Unnamed Association		
From	Name	Value
	End Model Element	 Equipment
	Author	jsenko
	Create Date Time	Oct 23, 2012 1:07:06 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	0..*
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 23, 2012 1:07:06 PM	
Last Modified	Oct 23, 2012 1:11:18 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Derived	false	

Trainer

Name	Value	
Author	jsenko	
Create Date Time	Oct 18, 2012 6:46:18 PM	
Last Modified	Oct 23, 2012 1:11:18 PM	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


Attributes


private groupsToTrain			
Author	Peter		
Create Date Time	Oct 20, 2012 8:38:50 AM		
Last Modified	Oct 23, 2012 1:01:43 PM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

Operations

public trainGroup ()	
Author	jsenko
Create Date Time	Oct 23, 2012 1:04:44 PM
Last Modified	Oct 23, 2012 1:11:18 PM
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

Relationships

Unnamed Generalization	
From	 Employee
Author	jsenko
Create Date Time	Oct 18, 2012 6:47:47 PM
Last Modified	Oct 18, 2012 6:56:31 PM
Quality Score	Good
Substitutable	false
Visibility	Unspecified

Unnamed Association		
From	Name	Value
	End Model Element	 Group
	Author	jsenko
	Create Date Time	Oct 23, 2012 1:01:24 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	0..*
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 23, 2012 1:01:24 PM	
Last Modified	Oct 23, 2012 1:04:13 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Derived	false	

Payment

Name	Value	
Author	jsenko	
Create Date Time	Oct 18, 2012 6:39:13 PM	
Last Modified	Oct 20, 2012 8:24:50 AM	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Attributes

private time			
Author	jsenko		
Create Date Time	Oct 18, 2012 7:39:55 PM		
Last Modified	Oct 18, 2012 7:42:59 PM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

private amount			
Author	jsenko		
Create Date Time	Oct 18, 2012 7:40:00 PM		
Last Modified	Oct 18, 2012 7:42:59 PM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


private type			
Author	jsenko		
Create Date Time	Oct 18, 2012 7:40:05 PM		
Last Modified	Oct 18, 2012 7:42:59 PM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

Operations

public addMoney ()	
Author	Peter
Create Date Time	Oct 20, 2012 8:22:13 AM
Last Modified	Oct 20, 2012 8:24:50 AM
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

public payForActivity ()	
Author	Peter
Create Date Time	Oct 20, 2012 8:22:35 AM
Last Modified	Oct 20, 2012 8:24:50 AM
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

Relationships

Unnamed Association		
From	Name	Value
	End Model Element	 Account
	Author	jsenko
	Create Date Time	Oct 18, 2012 6:54:34 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	1
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	unspecified
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 18, 2012 6:54:34 PM	
Last Modified	Oct 18, 2012 7:42:59 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

EconomicSystem


Name	Value	
Author	jsenko	
Create Date Time	Oct 18, 2012 6:42:40 PM	
Last Modified	Oct 23, 2012 1:11:18 PM	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


Operations

public insertFinancialInfo ()	
Author	jsenko
Create Date Time	Oct 23, 2012 1:08:21 PM
Last Modified	Oct 23, 2012 1:11:18 PM
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

public printReport ()	
Author	jsenko
Create Date Time	Oct 23, 2012 1:09:24 PM
Last Modified	Oct 23, 2012 1:11:18 PM
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

Relationships

Unnamed Association		
To	Name	Value
	End Model Element	 Manager
	Author	jsenko
	Create Date Time	Oct 23, 2012 1:08:15 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	1..*
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 23, 2012 1:08:15 PM	
Last Modified	Oct 23, 2012 1:11:18 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Derived	false	

Unnamed Association		
From	Name	Value
	End Model Element	 Account
	Author	jsenko
	Create Date Time	Oct 18, 2012 7:05:00 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	0..*
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 18, 2012 7:05:00 PM	
Last Modified	Oct 18, 2012 7:16:58 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Derived	false	

Manager

Name	Value	
Author	jsenko	
Create Date Time	Oct 18, 2012 6:42:15 PM	
Last Modified	Oct 23, 2012 1:11:18 PM	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Attributes


private listOfComplaint			
Author	Peter		
Create Date Time	Oct 20, 2012 8:40:31 AM		
Last Modified	Oct 20, 2012 8:41:46 AM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

Operations

public manageList ()	
Author	Peter
Create Date Time	Oct 20, 2012 8:41:17 AM
Last Modified	Oct 20, 2012 8:41:46 AM
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

Relationships

Unnamed Generalization	
From	 Employee
Author	jsenko
Create Date Time	Oct 18, 2012 6:47:32 PM
Last Modified	Oct 18, 2012 6:56:31 PM
Quality Score	Good
Substitutable	false
Visibility	Unspecified

Unnamed Association		
From	Name	Value
	End Model Element	 EconomicSystem
	Author	jsenko
	Create Date Time	Oct 23, 2012 1:08:15 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	1
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Author	jsenko	
Create Date Time	Oct 23, 2012 1:08:15 PM	
Last Modified	Oct 23, 2012 1:11:18 PM	
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Derived	false	

Employee

Name	Value	
Author	jsenko	
Create Date Time	Oct 18, 2012 6:42:53 PM	
Last Modified	Oct 20, 2012 8:34:51 AM	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Attributes

private salary			
Author	Peter		
Create Date Time	Oct 20, 2012 8:32:25 AM		
Last Modified	Oct 20, 2012 8:34:51 AM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

private workingTime			
Author	Peter		
Create Date Time	Oct 20, 2012 8:32:29 AM		
Last Modified	Oct 20, 2012 8:34:51 AM		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

Relationships

Unnamed Generalization	
To	 Manager
Author	jsenko
Create Date Time	Oct 18, 2012 6:47:32 PM
Last Modified	Oct 18, 2012 6:56:31 PM
Quality Score	Good
Substitutable	false
Visibility	Unspecified

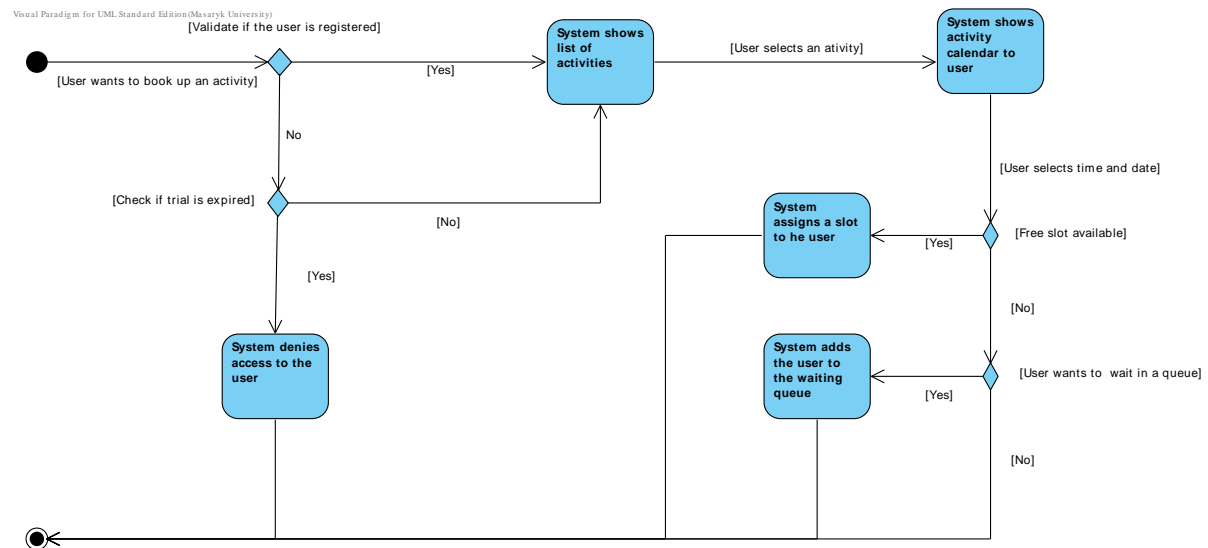
Unnamed Generalization	
To	 Trainer
Author	jsenko
Create Date Time	Oct 18, 2012 6:47:47 PM
Last Modified	Oct 18, 2012 6:56:31 PM
Quality Score	Good
Substitutable	false
Visibility	Unspecified

Unnamed Generalization	
To	 Receptionist
Author	jsenko
Create Date Time	Oct 18, 2012 6:47:51 PM
Last Modified	Oct 18, 2012 6:56:31 PM
Quality Score	Good
Substitutable	false
Visibility	Unspecified

Unnamed Generalization	
To	 EquipmentManager
Author	jsenko
Create Date Time	Oct 18, 2012 6:48:01 PM
Last Modified	Oct 18, 2012 6:56:31 PM
Quality Score	Good
Substitutable	false
Visibility	Unspecified

Activity Diagram

Book up an activity



Name	Value
Name	Book up an activity
Author	Stefan
Create Date Time	Oct 11, 2012 6:42:16 PM
Last Modified	Oct 18, 2012 6:28:39 PM
Show Action Call Behavior Option	1
Control Flow Display Option	0

Summary


Name	Documentation
[Validate if the user is registered]	
[Check if trial is expired]	
System denies access to the user	
System shows list of activities	
System shows activity calendar to user	
[Free slot available]	
System assigns a slot to he user	
[User wants to wait in a queue]	
System adds the user to the waiting queue	

Details

● N/A

Name	Value
Author	Stefan
Create Date Time	Oct 11, 2012 6:52:54 PM
Last Modified	Oct 11, 2012 7:06:59 PM
Must Isolate	false
Leaf	false
Visibility	Unspecified
Quality Score	Good


Relationships


[User wants to book up an activity] : Control Flow		
To	 [Validate if the user is registered]	
Author	Stefan	
Create Date Time	Oct 11, 2012 6:58:06 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


[Validate if the user is registered]

Name	Value	
Author	Stefan	
Create Date Time	Oct 11, 2012 6:57:02 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships

[Yes] : Control Flow		
To	 System shows list of activities	
Author	Stefan	
Create Date Time	Oct 11, 2012 6:59:33 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


No : Control Flow		
To	 [Check if trial is expired]	
Author	Stefan	
Create Date Time	Oct 11, 2012 6:59:41 PM	
Last Modified	Oct 11, 2012 7:06:59 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


[User wants to book up an activity] : Control Flow		
From	 N/A	
Author	Stefan	
Create Date Time	Oct 11, 2012 6:58:06 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


[Check if trial is expired]

Name	Value	
Author	Stefan	
Create Date Time	Oct 11, 2012 6:58:11 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships

[No] : Control Flow		
To	 System shows list of activities	
Author	Stefan	
Create Date Time	Oct 11, 2012 6:59:48 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


[Yes] : Control Flow		
To	 System denies access to the user	
Author	Stefan	
Create Date Time	Oct 11, 2012 7:02:38 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


No : Control Flow		
From	 [Validate if the user is registered]	
Author	Stefan	
Create Date Time	Oct 11, 2012 6:59:41 PM	
Last Modified	Oct 11, 2012 7:06:59 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

System denies access to the user

Name	Value	
Author	Stefan	
Create Date Time	Oct 11, 2012 6:59:57 PM	
Last Modified	Oct 16, 2012 2:23:06 PM	
Reentrant	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Single Execution	false	
Read Only	false	
Body Font Size	0	

Relationships


Unnamed Control Flow		
To	 N/A	
Author	Stefan	
Create Date Time	Oct 11, 2012 7:17:08 PM	
Last Modified	Oct 11, 2012 7:19:49 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	


[Yes] : Control Flow		
From	 [Check if trial is expired]	
Author	Stefan	
Create Date Time	Oct 11, 2012 7:02:38 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


 **N/A**


Name	Value
Author	Stefan
Create Date Time	Oct 11, 2012 7:03:33 PM
Last Modified	Oct 11, 2012 7:19:49 PM
Must Isolate	false
Leaf	false
Visibility	Unspecified
Quality Score	Good

Relationships

[No] : Control Flow		
From	 [User wants to wait in a queue]	
Author	Stefan	
Create Date Time	Oct 11, 2012 7:16:06 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Unnamed Control Flow	
From	 System adds the user to the waiting queue
Author	Stefan
Create Date Time	Oct 11, 2012 7:16:48 PM
Last Modified	Oct 11, 2012 7:19:49 PM
Leaf	false
Visibility	Unspecified
Quality Score	Good


Unnamed Control Flow	
From	 System denies access to the user
Author	Stefan
Create Date Time	Oct 11, 2012 7:17:08 PM
Last Modified	Oct 11, 2012 7:19:49 PM
Leaf	false
Visibility	Unspecified
Quality Score	Good


Unnamed Control Flow	
From	 System assigns a slot to he user
Author	Stefan
Create Date Time	Oct 11, 2012 7:18:54 PM
Last Modified	Oct 16, 2012 2:06:33 PM
Leaf	false
Visibility	Unspecified
Quality Score	Good


System shows list of activities

Name	Value	
Author	Stefan	
Create Date Time	Oct 11, 2012 6:58:32 PM	
Last Modified	Oct 11, 2012 7:06:59 PM	
Reentrant	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Single Execution	false	
Read Only	false	
Body Font Size	0	

Relationships

[User selects an activity] : Control Flow		
To	 System shows activity calendar to user	
Author	Stefan	
Create Date Time	Oct 11, 2012 7:05:54 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

[Yes] : Control Flow		
From	 [Validate if the user is registered]	
Author	Stefan	
Create Date Time	Oct 11, 2012 6:59:33 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


[No] : Control Flow		
From	 [Check if trial is expired]	
Author	Stefan	
Create Date Time	Oct 11, 2012 6:59:48 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary




System shows activity calendar to user

Name	Value	
Author	Stefan	
Create Date Time	Oct 11, 2012 7:05:25 PM	
Last Modified	Oct 11, 2012 7:16:59 PM	
Reentrant	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Single Execution	false	
Read Only	false	
Body Font Size	0	

Relationships


[User selects time and date] : Control Flow		
To	 [Free slot available]	
Author	Stefan	
Create Date Time	Oct 11, 2012 7:08:22 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


[User selects an activity] : Control Flow		
From	 System shows list of activities	
Author	Stefan	
Create Date Time	Oct 11, 2012 7:05:54 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


[Free slot available]

Name	Value	
Author	Stefan	
Create Date Time	Oct 11, 2012 7:07:14 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships

[Yes] : Control Flow		
To	 System assigns a slot to the user	
Author	Stefan	
Create Date Time	Oct 11, 2012 7:08:59 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


[No] : Control Flow		
To	 [User wants to wait in a queue]	
Author	Stefan	
Create Date Time	Oct 11, 2012 7:12:26 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


[User selects time and date] : Control Flow		
From	 System shows activity calendar to user	
Author	Stefan	
Create Date Time	Oct 11, 2012 7:08:22 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

System assigns a slot to the user

Name	Value	
Author	Stefan	
Create Date Time	Oct 11, 2012 7:05:35 PM	
Last Modified	Oct 16, 2012 2:23:06 PM	
Reentrant	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Single Execution	false	
Read Only	false	
Body Font Size	0	

Relationships


Unnamed Control Flow	
To	 N/A
Author	Stefan
Create Date Time	Oct 11, 2012 7:18:54 PM
Last Modified	Oct 16, 2012 2:06:33 PM
Leaf	false
Visibility	Unspecified
Quality Score	Good


[Yes] : Control Flow		
From	 [Free slot available]	
Author	Stefan	
Create Date Time	Oct 11, 2012 7:08:59 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


[User wants to wait in a queue]

Name	Value	
Author	Stefan	
Create Date Time	Oct 11, 2012 7:10:53 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

Relationships

[Yes] : Control Flow		
To	 System adds the user to the waiting queue	
Author	Stefan	
Create Date Time	Oct 11, 2012 7:13:54 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


[No] : Control Flow		
To	 N/A	
Author	Stefan	
Create Date Time	Oct 11, 2012 7:16:06 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


[No] : Control Flow		
From	 [Free slot available]	
Author	Stefan	
Create Date Time	Oct 11, 2012 7:12:26 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

System adds the user to the waiting queue

Name	Value	
Author	Stefan	
Create Date Time	Oct 11, 2012 7:05:28 PM	
Last Modified	Oct 16, 2012 2:23:06 PM	
Reentrant	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Single Execution	false	
Read Only	false	
Body Font Size	0	

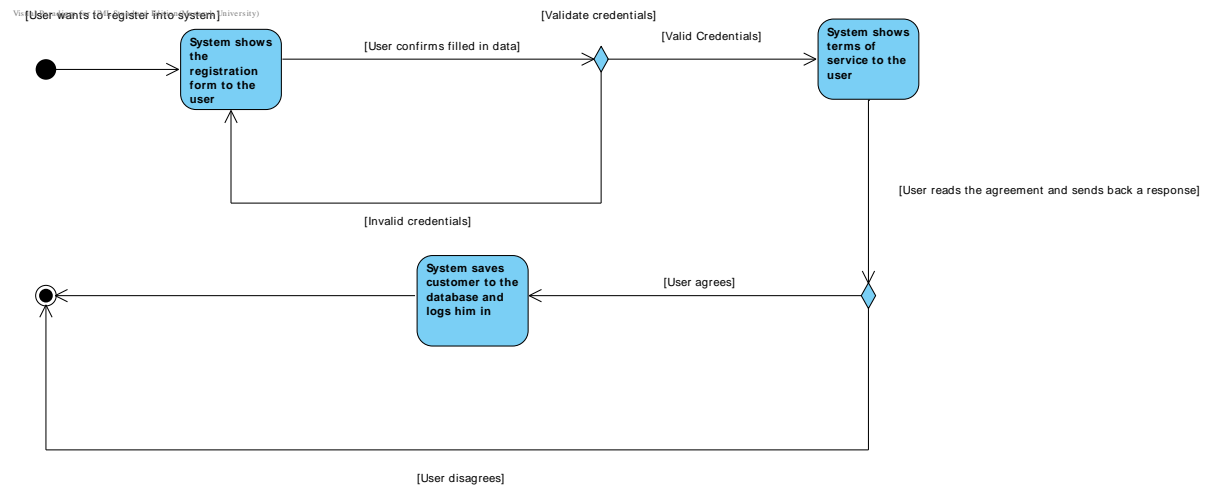
Relationships

Unnamed Control Flow	
To	 N/A
Author	Stefan
Create Date Time	Oct 11, 2012 7:16:48 PM
Last Modified	Oct 11, 2012 7:19:49 PM
Leaf	false
Visibility	Unspecified
Quality Score	Good

[Yes] : Control Flow		
From	 [User wants to wait in a queue]	
Author	Stefan	
Create Date Time	Oct 11, 2012 7:13:54 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary






Activity Diagram

Register into system



Name	Value
Name	Register into system
Author	Stefan
Create Date Time	Oct 11, 2012 6:42:58 PM
Last Modified	Oct 16, 2012 6:20:13 PM
Show Action Call Behavior Option	1
Control Flow Display Option	0

Summary


Name	Documentation
 System shows the registration form to the user	
 [Validate credentials]	
 System shows terms of service to the user	
 N/A	
 System saves customer to the database and logs him in	

Details

● N/A

Name	Value	
Author	Stefan	
Create Date Time	Oct 11, 2012 6:34:02 PM	
Last Modified	Oct 11, 2012 6:47:03 PM	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container


Relationships


[User wants to register into system] : Control Flow		
To	 System shows the registration form to the user	
Author	Stefan	
Create Date Time	Oct 11, 2012 6:34:41 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


System shows the registration form to the user

Name	Value	
Author	Stefan	
Create Date Time	Oct 11, 2012 6:34:17 PM	
Last Modified	Oct 16, 2012 2:12:57 PM	
Reentrant	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Single Execution	false	
Read Only	false	
Body Font Size	0	

Relationships

[User confirms filled in data] : Control Flow		
To	 [Validate credentials]	
Author	Stefan	
Create Date Time	Oct 11, 2012 6:38:02 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


[User wants to register into system] : Control Flow		
From	 N/A	
Author	Stefan	
Create Date Time	Oct 11, 2012 6:34:41 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


[Invalid credentials] : Control Flow		
From	 [Validate credentials]	
Author	Stefan	
Create Date Time	Oct 11, 2012 6:46:48 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


[Validate credentials]

Name	Value	
Author	Stefan	
Create Date Time	Oct 11, 2012 6:36:16 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Must Isolate	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary

Relationships

[Invalid credentials] : Control Flow		
To	 System shows the registration form to the user	
Author	Stefan	
Create Date Time	Oct 11, 2012 6:46:48 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


[Valid Credentials] : Control Flow		
To	 System shows terms of service to the user	
Author	Stefan	
Create Date Time	Oct 11, 2012 6:48:02 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


[User confirms filled in data] : Control Flow		
From	 System shows the registration form to the user	
Author	Stefan	
Create Date Time	Oct 11, 2012 6:38:02 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

System shows terms of service to the user

Name	Value	
Author	jsenko	
Create Date Time	Oct 16, 2012 1:59:57 PM	
Last Modified	Oct 16, 2012 2:12:57 PM	
Reentrant	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Single Execution	false	
Read Only	false	
Body Font Size	0	

Relationships


[User reads the agreement and sends back a response] : Control Flow		
To	 N/A	
Author	jsenko	
Create Date Time	Oct 16, 2012 2:07:28 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


[Valid Credentials] : Control Flow		
From	 [Validate credentials]	
Author	Stefan	
Create Date Time	Oct 11, 2012 6:48:02 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


 **N/A**

Name	Value
Author	jsenko
Create Date Time	Oct 16, 2012 2:07:16 PM
Last Modified	Oct 16, 2012 2:12:57 PM
Must Isolate	false
Leaf	false
Visibility	Unspecified
Quality Score	Good

Relationships

[User agrees] : Control Flow		
To	 System saves customer to the database and logs him in	
Author	jsenko	
Create Date Time	Oct 16, 2012 2:07:54 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


[User disagrees] : Control Flow		
To	 N/A	
Author	jsenko	
Create Date Time	Oct 16, 2012 2:08:40 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary


[User reads the agreement and sends back a response] : Control Flow		
From	 System shows terms of service to the user	
Author	jsenko	
Create Date Time	Oct 16, 2012 2:07:28 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

System saves customer to the database and logs him in

Name	Value	
Author	Stefan	
Create Date Time	Oct 11, 2012 6:35:55 PM	
Last Modified	Oct 16, 2012 2:12:57 PM	
Reentrant	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Single Execution	false	
Read Only	false	
Body Font Size	0	

Relationships


Unnamed Control Flow	
To	 N/A
Author	jsenko
Create Date Time	Oct 16, 2012 2:08:28 PM
Last Modified	Oct 16, 2012 2:12:57 PM
Leaf	false
Visibility	Unspecified
Quality Score	Good


[User agrees] : Control Flow		
From	 N/A	
Author	jsenko	
Create Date Time	Oct 16, 2012 2:07:54 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary

 N/A

Name	Value
Author	jsenko
Create Date Time	Oct 16, 2012 2:08:13 PM
Last Modified	Oct 16, 2012 2:12:57 PM
Must Isolate	false
Leaf	false
Visibility	Unspecified
Quality Score	Good

Relationships

Unnamed Control Flow	
From	 System saves customer to the database and logs him in
Author	jsenko
Create Date Time	Oct 16, 2012 2:08:28 PM
Last Modified	Oct 16, 2012 2:12:57 PM
Leaf	false
Visibility	Unspecified
Quality Score	Good

[User disagrees] : Control Flow		
From	 N/A	
Author	jsenko	
Create Date Time	Oct 16, 2012 2:08:40 PM	
Last Modified	Oct 16, 2012 6:21:43 PM	
Leaf	false	
Visibility	Unspecified	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary