Table of Contents

Table of Figures

Class Diagram1

Visual Paradigm for UML Standard Edition(University of Pisa)
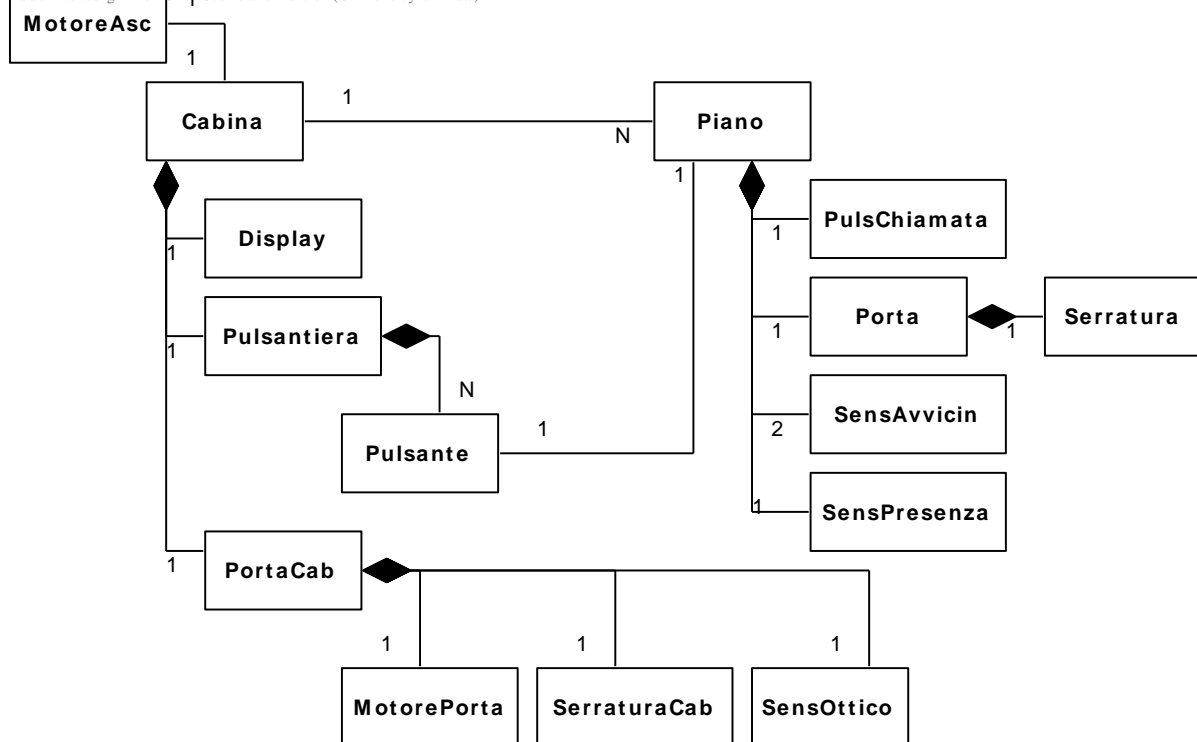
Name	Value
Name	Class Diagram1
Author	andrea
Create Date Time	Nov 28, 2012 4:30:56 PM
Last Modified	Nov 28, 2012 6:43:36 PM

Summary

Name	Documentation
📄 MotoreAsc	Motore dell'ascensore
📄 Cabina	
📄 Piano	
📄 PulsChiamata	Pulsante di chiamata.
📄 Display	
📄 Porta	Porta del piano. Viene azionata meccanicamente dalla porta della cabina.
📄 Serratura	
📄 Pulsantiera	
📄 SensAvvicin	Sensore di avvicinamento.
📄 Pulsante	Pulsante di scelta del piano di destinazione.

▤ SensPresenza	
▤ PortaCab	Porta della cabina.
▤ MotorePorta	
▤ SerraturaCab	Serratura della cabina.
▤ SensOttico	Sensore antischiacciamento.

Details

▤ MotoreAsc

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
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
Documentation	Motore dell'ascensore	
Author	andrea	
Create Date Time	Nov 28, 2012 4:31:50 PM	
Last Modified	Nov 28, 2012 6:01:29 PM	

Operations

public salita ()
Static	false
Leaf	false
Author	andrea
Create Date Time	Nov 28, 2012 5:57:40 PM
Last Modified	Nov 28, 2012 6:01:29 PM
Ordered	false
Unique	true
Query	false

public discesa ()	
Static	false
Leaf	false
Author	andrea
Create Date Time	Nov 28, 2012 5:58:22 PM
Last Modified	Nov 28, 2012 6:01:29 PM
Ordered	false
Unique	true
Query	false

public stop ()	
Static	false
Leaf	false
Author	andrea
Create Date Time	Nov 28, 2012 5:58:36 PM
Last Modified	Nov 28, 2012 6:01:29 PM
Ordered	false
Unique	true
Query	false

Relationships

Unnamed Association		
From	**Name**	**Value**
	End Model Element	📄 Cabina
	Author	andrea
	Create Date Time	Nov 28, 2012 4:31:50 PM
	Last Modified	Nov 28, 2012 6:01:29 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
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:31:50 PM	
Last Modified	Nov 28, 2012 6:01:29 PM	
Derived	false	

📄 Cabina

Name	Value
Active	false
Business Key Mutable	true
Business Model	false
Visibility	public
Leaf	false
Root	false
Quality Score	Ignore
Author	andrea
Create Date Time	Nov 28, 2012 4:31:00 PM
Last Modified	Nov 28, 2012 6:01:29 PM

Relationships

Unnamed Association		
To	**Name**	**Value**
	End Model Element	📄 Piano
	Author	andrea
	Create Date Time	Nov 28, 2012 4:31:23 PM
	Last Modified	Nov 28, 2012 6:17:47 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	N
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:31:23 PM	
Last Modified	Nov 28, 2012 6:17:47 PM	
Derived	false	

Unnamed Association		
To	**Name**	**Value**
	End Model Element	MotoreAsc
	Author	andrea
	Create Date Time	Nov 28, 2012 4:31:50 PM
	Last Modified	Nov 28, 2012 6:01:29 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
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:31:50 PM	
Last Modified	Nov 28, 2012 6:01:29 PM	
Derived	false	

Unnamed Association		
To	**Name**	**Value**
	End Model Element	PortaCab
	Author	andrea
	Create Date Time	Nov 28, 2012 4:33:24 PM
	Last Modified	Nov 28, 2012 6:11:29 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
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:33:24 PM	
Last Modified	Nov 28, 2012 6:11:29 PM	
Derived	false	

Unnamed Association		
To	**Name**	**Value**
	End Model Element	📄 Pulsantiera
	Author	andrea
	Create Date Time	Nov 28, 2012 4:48:52 PM
	Last Modified	Nov 28, 2012 6:17:47 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
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:48:52 PM	
Last Modified	Nov 28, 2012 6:17:47 PM	
Derived	false	

Unnamed Association		
To	**Name**	**Value**
	End Model Element	🗐 Display
	Author	andrea
	Create Date Time	Nov 28, 2012 4:51:15 PM
	Last Modified	Nov 28, 2012 6:01:29 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
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:51:15 PM	
Last Modified	Nov 28, 2012 6:01:29 PM	
Derived	false	

📄 Piano

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
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
Author	andrea	
Create Date Time	Nov 28, 2012 4:31:23 PM	
Last Modified	Nov 28, 2012 6:27:40 PM	

Attributes

private livello : int			
Author	andrea		
Create Date Time	Nov 28, 2012 6:21:56 PM		
Last Modified	Nov 28, 2012 6:27:40 PM		
Type	🟢 int		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	true		
Leaf	false		

Relationships

Unnamed Association		
To	**Name**	**Value**
	End Model Element	📄 Porta
	Author	andrea
	Create Date Time	Nov 28, 2012 5:12:27 PM
	Last Modified	Nov 28, 2012 6:17:47 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
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 5:12:27 PM	
Last Modified	Nov 28, 2012 6:17:47 PM	
Derived	false	

Unnamed Association		
To	**Name**	**Value**
	End Model Element	📄 PulsChiamata
	Author	andrea
	Create Date Time	Nov 28, 2012 5:17:29 PM
	Last Modified	Nov 28, 2012 6:41:29 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
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 5:17:29 PM	
Last Modified	Nov 28, 2012 6:41:29 PM	
Derived	false	

Unnamed Association		
To	**Name**	**Value**
	End Model Element	📄 SensAvvicin
	Author	andrea
	Create Date Time	Nov 28, 2012 5:25:32 PM
	Last Modified	Nov 28, 2012 6:50:27 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	2
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 5:25:32 PM	
Last Modified	Nov 28, 2012 6:50:27 PM	
Derived	false	

Unnamed Association		
To	**Name**	**Value**
	End Model Element	📄 SensPresenza
	Author	andrea
	Create Date Time	Nov 28, 2012 5:29:00 PM
	Last Modified	Nov 28, 2012 6:50:27 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
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 5:29:00 PM	
Last Modified	Nov 28, 2012 6:50:27 PM	
Derived	false	

Unnamed Association		
From	**Name**	**Value**
	End Model Element	📄 Cabina
	Author	andrea
	Create Date Time	Nov 28, 2012 4:31:23 PM
	Last Modified	Nov 28, 2012 6:17:47 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
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:31:23 PM	
Last Modified	Nov 28, 2012 6:17:47 PM	
Derived	false	

Unnamed Association		
From	**Name**	**Value**
	End Model Element	📄 Pulsante
	Author	andrea
	Create Date Time	Nov 28, 2012 4:55:31 PM
	Last Modified	Nov 28, 2012 6:17:47 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
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:55:31 PM	
Last Modified	Nov 28, 2012 6:17:47 PM	
Derived	false	

📄 PulsChiamata

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
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
Documentation	Pulsante di chiamata.	

Author	andrea
Create Date Time	Nov 28, 2012 5:17:29 PM
Last Modified	Nov 28, 2012 6:41:29 PM

Operations

public chiama ()	
Static	false
Leaf	false
Stereotypes	Event
Author	andrea
Create Date Time	Nov 28, 2012 6:40:46 PM
Last Modified	Nov 28, 2012 6:41:29 PM
Ordered	false
Unique	true
Query	false

Relationships

Unnamed Association		
From	**Name**	**Value**
	End Model Element	📄 Piano
	Author	andrea
	Create Date Time	Nov 28, 2012 5:17:29 PM
	Last Modified	Nov 28, 2012 6:41:29 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	Composited
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 5:17:29 PM	
Last Modified	Nov 28, 2012 6:41:29 PM	
Derived	false	

Display

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
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
Author	andrea	
Create Date Time	Nov 28, 2012 4:51:15 PM	
Last Modified	Nov 28, 2012 6:11:29 PM	

Operations

public display (piano : int)		
Parameters	**piano**	
	Multiplicity	Unspecified
	Author	andrea
	Create Date Time	Nov 28, 2012 6:03:29 PM
	Last Modified	Nov 28, 2012 6:11:29 PM
	Type	🟢 int
	Direction	in
Static	false	
Leaf	false	
Author	andrea	
Create Date Time	Nov 28, 2012 6:03:13 PM	
Last Modified	Nov 28, 2012 6:11:29 PM	
Ordered	false	
Unique	true	
Query	false	

Relationships

Unnamed Association		
From	**Name**	**Value**
	End Model Element	📄 Cabina
	Author	andrea
	Create Date Time	Nov 28, 2012 4:51:15 PM
	Last Modified	Nov 28, 2012 6:01:29 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	Composited
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:51:15 PM	
Last Modified	Nov 28, 2012 6:01:29 PM	
Derived	false	

📄 Porta

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
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

Documentation	Porta del piano. Viene azionata meccanicamente dalla porta della cabina.
Author	andrea
Create Date Time	Nov 28, 2012 5:12:27 PM
Last Modified	Nov 28, 2012 6:11:29 PM

Relationships

Unnamed Association		
To	**Name**	**Value**
	End Model Element	📄 Serratura
	Author	andrea
	Create Date Time	Nov 28, 2012 5:15:47 PM
	Last Modified	Nov 28, 2012 6:43:25 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
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 5:15:47 PM	
Last Modified	Nov 28, 2012 6:43:25 PM	
Derived	false	

Unnamed Association		
From	**Name**	**Value**
	End Model Element	🔲 Piano
	Author	andrea
	Create Date Time	Nov 28, 2012 5:12:27 PM
	Last Modified	Nov 28, 2012 6:17:47 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	Composited
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 5:12:27 PM	
Last Modified	Nov 28, 2012 6:17:47 PM	
Derived	false	

▤ Serratura

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
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
Author	andrea	
Create Date Time	Nov 28, 2012 5:15:47 PM	
Last Modified	Nov 28, 2012 6:43:25 PM	

Operations

public apri ()	
Static	false
Leaf	false
Author	andrea
Create Date Time	Nov 28, 2012 6:42:35 PM
Last Modified	Nov 28, 2012 6:43:25 PM
Ordered	false
Unique	true
Query	false

public chiudi ()	
Static	false
Leaf	false
Author	andrea
Create Date Time	Nov 28, 2012 6:42:48 PM
Last Modified	Nov 28, 2012 6:43:25 PM
Ordered	false
Unique	true
Query	false

Relationships

Unnamed Association		
From	**Name**	**Value**
	End Model Element	📄 Porta
	Author	andrea
	Create Date Time	Nov 28, 2012 5:15:47 PM
	Last Modified	Nov 28, 2012 6:43:25 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	Composited
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 5:15:47 PM	
Last Modified	Nov 28, 2012 6:43:25 PM	
Derived	false	

▤ Pulsantiera

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
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
Author	andrea	
Create Date Time	Nov 28, 2012 4:48:52 PM	
Last Modified	Nov 28, 2012 6:17:47 PM	

Relationships

Unnamed Association		
To	**Name**	**Value**
	End Model Element	📄 Pulsante
	Author	andrea
	Create Date Time	Nov 28, 2012 4:53:38 PM
	Last Modified	Nov 28, 2012 6:17:47 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	N
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:53:38 PM	
Last Modified	Nov 28, 2012 6:17:47 PM	
Derived	false	

Unnamed Association		
From	**Name**	**Value**
	End Model Element	📄 Cabina
	Author	andrea
	Create Date Time	Nov 28, 2012 4:48:52 PM
	Last Modified	Nov 28, 2012 6:17:47 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	Composited
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:48:52 PM	
Last Modified	Nov 28, 2012 6:17:47 PM	
Derived	false	

📄 SensAvvicin

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
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
Documentation	Sensore di avvicinamento.	

Author	andrea
Create Date Time	Nov 28, 2012 5:25:32 PM
Last Modified	Nov 28, 2012 6:50:27 PM

Operations

public passaggio ()	
Static	false
Leaf	false
Stereotypes	Event
Documentation	Passaggio della cabina sul sensore.
Author	andrea
Create Date Time	Nov 28, 2012 6:46:35 PM
Last Modified	Nov 28, 2012 6:50:27 PM
Ordered	false
Unique	true
Query	false

Relationships

Unnamed Association		
From	**Name**	**Value**
	End Model Element	📄 Piano
	Author	andrea
	Create Date Time	Nov 28, 2012 5:25:32 PM
	Last Modified	Nov 28, 2012 6:50:27 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	Composited
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 5:25:32 PM	
Last Modified	Nov 28, 2012 6:50:27 PM	
Derived	false	

📄 Pulsante

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
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

Documentation	Pulsante di scelta del piano di destinazione.
Author	andrea
Create Date Time	Nov 28, 2012 4:53:38 PM
Last Modified	Nov 28, 2012 6:36:53 PM

Operations

public scegli () : void	
Static	false
Leaf	false
Stereotypes	Event
Author	andrea
Create Date Time	Nov 28, 2012 6:16:13 PM
Last Modified	Nov 28, 2012 6:36:53 PM
Ordered	false
Unique	true
Query	false

Relationships

Unnamed Association		
To	**Name**	**Value**
	End Model Element	Piano
	Author	andrea
	Create Date Time	Nov 28, 2012 4:55:31 PM
	Last Modified	Nov 28, 2012 6:17:47 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
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:55:31 PM	
Last Modified	Nov 28, 2012 6:17:47 PM	
Derived	false	

Unnamed Association		
From	**Name**	**Value**
	End Model Element	📄 Pulsantiera
	Author	andrea
	Create Date Time	Nov 28, 2012 4:53:38 PM
	Last Modified	Nov 28, 2012 6:17:47 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	Composited
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:53:38 PM	
Last Modified	Nov 28, 2012 6:17:47 PM	
Derived	false	

SensPresenza

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
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
Author	andrea	
Create Date Time	Nov 28, 2012 5:29:00 PM	
Last Modified	Nov 28, 2012 6:50:27 PM	

Operations

public presente () : boolean	
Static	false
Leaf	false
Author	andrea
Create Date Time	Nov 28, 2012 6:49:38 PM
Last Modified	Nov 28, 2012 6:50:27 PM
Ordered	false
Unique	true
Query	false

Relationships

Unnamed Association		
From	**Name**	**Value**
	End Model Element	Piano
	Author	andrea
	Create Date Time	Nov 28, 2012 5:29:00 PM
	Last Modified	Nov 28, 2012 6:50:27 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	Composited
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 5:29:00 PM	
Last Modified	Nov 28, 2012 6:50:27 PM	
Derived	false	

PortaCab

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
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

Documentation	Porta della cabina.
Author	andrea
Create Date Time	Nov 28, 2012 4:33:24 PM
Last Modified	Nov 28, 2012 6:11:29 PM

Relationships

Unnamed Association		
To	**Name**	**Value**
	End Model Element	📄 MotorePorta
	Author	andrea
	Create Date Time	Nov 28, 2012 4:37:42 PM
	Last Modified	Nov 28, 2012 6:21:29 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
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:37:42 PM	
Last Modified	Nov 28, 2012 6:21:29 PM	
Derived	false	

Unnamed Association		
To	**Name**	**Value**
	End Model Element	📄 SerraturaCab
	Author	andrea
	Create Date Time	Nov 28, 2012 4:39:21 PM
	Last Modified	Nov 28, 2012 6:31:29 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
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:39:21 PM	
Last Modified	Nov 28, 2012 6:31:29 PM	
Derived	false	

Unnamed Association		
To	**Name**	**Value**
	End Model Element	SensOttico
	Author	andrea
	Create Date Time	Nov 28, 2012 4:45:23 PM
	Last Modified	Nov 28, 2012 6:31:29 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
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:45:23 PM	
Last Modified	Nov 28, 2012 6:31:29 PM	
Derived	false	

Unnamed Association		
From	**Name**	**Value**
	End Model Element	📄 Cabina
	Author	andrea
	Create Date Time	Nov 28, 2012 4:33:24 PM
	Last Modified	Nov 28, 2012 6:11:29 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	Composited
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:33:24 PM	
Last Modified	Nov 28, 2012 6:11:29 PM	
Derived	false	

📄 MotorePorta

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
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
Author	andrea	
Create Date Time	Nov 28, 2012 4:37:42 PM	
Last Modified	Nov 28, 2012 6:21:29 PM	

Operations

public apri ()	
Static	false
Leaf	false
Author	andrea
Create Date Time	Nov 28, 2012 6:19:01 PM
Last Modified	Nov 28, 2012 6:21:29 PM
Ordered	false
Unique	true
Query	false

public chiudi ()	
Static	false
Leaf	false
Author	andrea
Create Date Time	Nov 28, 2012 6:19:20 PM
Last Modified	Nov 28, 2012 6:21:29 PM
Ordered	false
Unique	true
Query	false

public stop ()	
Static	false
Leaf	false
Author	andrea
Create Date Time	Nov 28, 2012 6:19:33 PM
Last Modified	Nov 28, 2012 6:21:29 PM
Ordered	false
Unique	true
Query	false

Relationships

Unnamed Association		
From	**Name**	**Value**
	End Model Element	📄 PortaCab
	Author	andrea
	Create Date Time	Nov 28, 2012 4:37:42 PM
	Last Modified	Nov 28, 2012 6:21:29 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	Composited
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:37:42 PM	
Last Modified	Nov 28, 2012 6:21:29 PM	
Derived	false	

📄 SerraturaCab

Name	**Value**

Active	false
Business Key Mutable	true
Business Model	false
Visibility	public
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

Documentation	Serratura della cabina.
Author	andrea
Create Date Time	Nov 28, 2012 4:39:21 PM
Last Modified	Nov 28, 2012 6:50:27 PM

Operations

public apri ()	
Static	false
Leaf	false
Author	andrea
Create Date Time	Nov 28, 2012 6:29:31 PM
Last Modified	Nov 28, 2012 6:31:29 PM
Ordered	false
Unique	true
Query	false

public chiudi ()	
Static	false
Leaf	false
Author	andrea
Create Date Time	Nov 28, 2012 6:29:47 PM
Last Modified	Nov 28, 2012 6:31:29 PM
Ordered	false
Unique	true
Query	false

Relationships

Unnamed Association		
From	**Name**	**Value**
	End Model Element	📄 PortaCab
	Author	andrea
	Create Date Time	Nov 28, 2012 4:39:21 PM
	Last Modified	Nov 28, 2012 6:31:29 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	Composited
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:39:21 PM	
Last Modified	Nov 28, 2012 6:31:29 PM	
Derived	false	

📄 SensOttico

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
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

Documentation	Sensore antischiacciamento.
Author	andrea
Create Date Time	Nov 28, 2012 4:45:23 PM
Last Modified	Nov 28, 2012 6:36:53 PM

Operations

public rileva ()	
Static	false
Leaf	false
Stereotypes	Event
Author	andrea
Create Date Time	Nov 28, 2012 6:34:58 PM
Last Modified	Nov 28, 2012 6:36:53 PM
Ordered	false
Unique	true
Query	false

Relationships

Unnamed Association		
From	**Name**	**Value**
	End Model Element	📄 PortaCab
	Author	andrea
	Create Date Time	Nov 28, 2012 4:45:23 PM
	Last Modified	Nov 28, 2012 6:31:29 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	Composited
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:45:23 PM	
Last Modified	Nov 28, 2012 6:31:29 PM	
Derived	false	

Class Diagram2

Visual Paradigm for UML Standard Edition(University of Pisa)

MotoreAsc

+ salita()
+ discesa()
+ stop()

Piano

-livello : int { 0 <= livello <= N - 1}

N

Cabina

PulsChiamata

<<Event>> + chiama()

Pulsantiera

Pulsante

<<Event>> + scegli() : void

Porta

Serratura

+ apri()
+ chiudi()

Display

+ display(piano : int)

SensAvvicin

<<Event>> + passaggio()

SensPresenza

+ presente() : boolean

PortaCab

MotorePorta

+ apri()
+ chiudi()
+ stop()

SerraturaCab

+ apri()
+ chiudi()

SensOttico

<<Event>> + rileva()
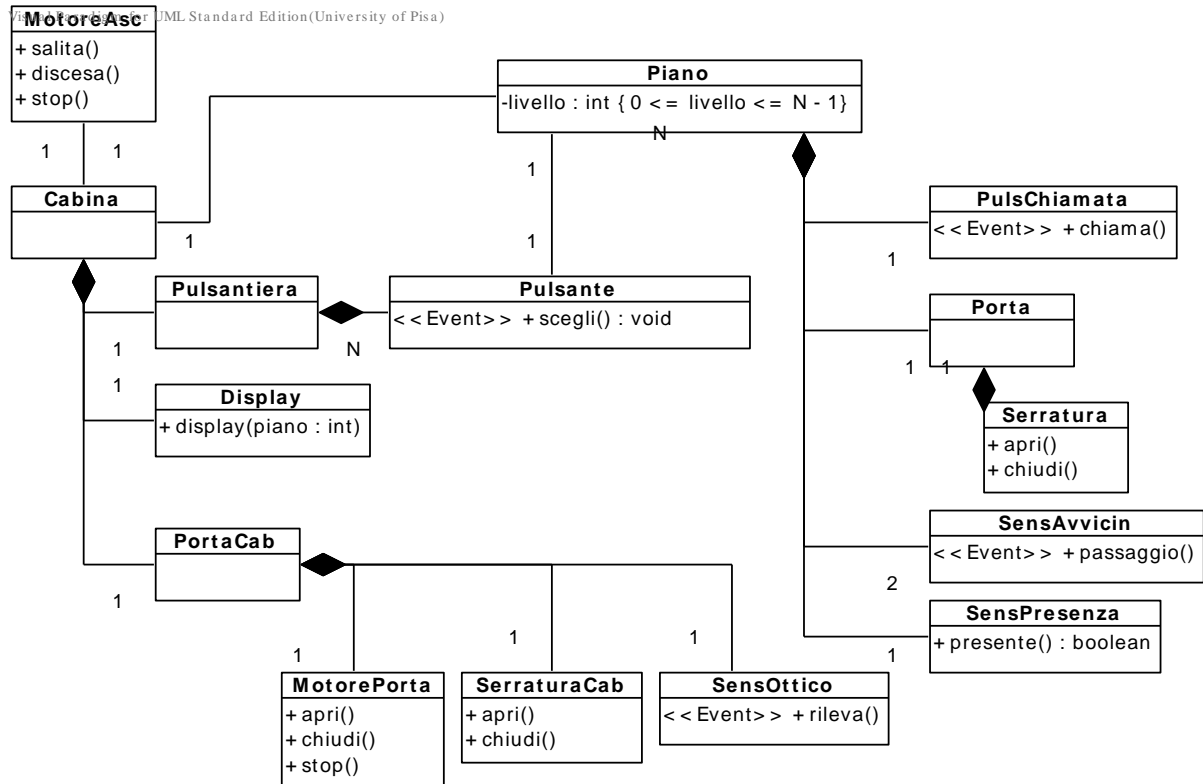
Name	Value
Name	Class Diagram2
Author	andrea
Create Date Time	Nov 28, 2012 5:56:36 PM
Last Modified	Nov 28, 2012 6:52:21 PM

Summary

Name	Documentation
MotoreAsc	Motore dell'ascensore
Piano	
Cabina	
PulsChiamata	Pulsante di chiamata.
Pulsantiera	
Pulsante	Pulsante di scelta del piano di destinazione.
Porta	Porta del piano. Viene azionata meccanicamente dalla porta della cabina.
Display	
Serratura	
SensAvvicin	Sensore di avvicinamento.

📄 PortaCab	Porta della cabina.
📄 SensPresenza	
📄 MotorePorta	
📄 SerraturaCab	Serratura della cabina.
📄 SensOttico	Sensore antischiacciamento.

Details

📄 MotoreAsc

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
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
Documentation	Motore dell'ascensore	
Author	andrea	
Create Date Time	Nov 28, 2012 4:31:50 PM	
Last Modified	Nov 28, 2012 6:01:29 PM	

Operations

public salita ()	
Static	false
Leaf	false
Author	andrea
Create Date Time	Nov 28, 2012 5:57:40 PM
Last Modified	Nov 28, 2012 6:01:29 PM
Ordered	false
Unique	true
Query	false

public discesa ()	
Static	false
Leaf	false
Author	andrea
Create Date Time	Nov 28, 2012 5:58:22 PM
Last Modified	Nov 28, 2012 6:01:29 PM
Ordered	false
Unique	true
Query	false

public stop ()	
Static	false
Leaf	false
Author	andrea
Create Date Time	Nov 28, 2012 5:58:36 PM
Last Modified	Nov 28, 2012 6:01:29 PM
Ordered	false
Unique	true
Query	false

Relationships

Unnamed Association		
From	**Name**	**Value**
	End Model Element	📄 Cabina
	Author	andrea
	Create Date Time	Nov 28, 2012 4:31:50 PM
	Last Modified	Nov 28, 2012 6:01:29 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
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:31:50 PM	
Last Modified	Nov 28, 2012 6:01:29 PM	
Derived	false	

Piano

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
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
Author	andrea	
Create Date Time	Nov 28, 2012 4:31:23 PM	
Last Modified	Nov 28, 2012 6:27:40 PM	

Attributes

private livello : int			
Author	andrea		
Create Date Time	Nov 28, 2012 6:21:56 PM		
Last Modified	Nov 28, 2012 6:27:40 PM		
Type	🟢 int		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	true		
Leaf	false		

Relationships

Unnamed Association		
To	**Name**	**Value**
	End Model Element	📄 Porta
	Author	andrea
	Create Date Time	Nov 28, 2012 5:12:27 PM
	Last Modified	Nov 28, 2012 6:17:47 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
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 5:12:27 PM	
Last Modified	Nov 28, 2012 6:17:47 PM	
Derived	false	

Unnamed Association		
To	**Name**	**Value**
	End Model Element	📄 PulsChiamata
	Author	andrea
	Create Date Time	Nov 28, 2012 5:17:29 PM
	Last Modified	Nov 28, 2012 6:41:29 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
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 5:17:29 PM	
Last Modified	Nov 28, 2012 6:41:29 PM	
Derived	false	

Unnamed Association		
To	**Name**	**Value**
	End Model Element	📄 SensAvvicin
	Author	andrea
	Create Date Time	Nov 28, 2012 5:25:32 PM
	Last Modified	Nov 28, 2012 6:50:27 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	2
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 5:25:32 PM	
Last Modified	Nov 28, 2012 6:50:27 PM	
Derived	false	

Unnamed Association		
To	**Name**	**Value**
	End Model Element	📄 SensPresenza
	Author	andrea
	Create Date Time	Nov 28, 2012 5:29:00 PM
	Last Modified	Nov 28, 2012 6:50:27 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
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 5:29:00 PM	
Last Modified	Nov 28, 2012 6:50:27 PM	
Derived	false	

Unnamed Association		
From	**Name**	**Value**
	End Model Element	📄 Cabina
	Author	andrea
	Create Date Time	Nov 28, 2012 4:31:23 PM
	Last Modified	Nov 28, 2012 6:17:47 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
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:31:23 PM	
Last Modified	Nov 28, 2012 6:17:47 PM	
Derived	false	

Unnamed Association		
From	**Name**	**Value**
	End Model Element	Pulsante
	Author	andrea
	Create Date Time	Nov 28, 2012 4:55:31 PM
	Last Modified	Nov 28, 2012 6:17:47 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
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:55:31 PM	
Last Modified	Nov 28, 2012 6:17:47 PM	
Derived	false	

Cabina

Name	**Value**
Active	false
Business Key Mutable	true
Business Model	false
Visibility	public
Leaf	false
Root	false
Quality Score	Ignore
Author	andrea
Create Date Time	Nov 28, 2012 4:31:00 PM
Last Modified	Nov 28, 2012 6:01:29 PM

Relationships

Unnamed Association		
To	**Name**	**Value**
	End Model Element	📄 MotoreAsc
	Author	andrea
	Create Date Time	Nov 28, 2012 4:31:50 PM
	Last Modified	Nov 28, 2012 6:01:29 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
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:31:50 PM	
Last Modified	Nov 28, 2012 6:01:29 PM	
Derived	false	

Unnamed Association		
To	**Name**	**Value**
	End Model Element	📄 Display
	Author	andrea
	Create Date Time	Nov 28, 2012 4:51:15 PM
	Last Modified	Nov 28, 2012 6:01:29 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
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:51:15 PM	
Last Modified	Nov 28, 2012 6:01:29 PM	
Derived	false	

Unnamed Association		
To	**Name**	**Value**
	End Model Element	📄 PortaCab
	Author	andrea
	Create Date Time	Nov 28, 2012 4:33:24 PM
	Last Modified	Nov 28, 2012 6:11:29 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
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:33:24 PM	
Last Modified	Nov 28, 2012 6:11:29 PM	
Derived	false	

Unnamed Association		
To	**Name**	**Value**
	End Model Element	📄 Pulsantiera
	Author	andrea
	Create Date Time	Nov 28, 2012 4:48:52 PM
	Last Modified	Nov 28, 2012 6:17:47 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
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:48:52 PM	
Last Modified	Nov 28, 2012 6:17:47 PM	
Derived	false	

Unnamed Association		
To	**Name**	**Value**
	End Model Element	📄 Piano
	Author	andrea
	Create Date Time	Nov 28, 2012 4:31:23 PM
	Last Modified	Nov 28, 2012 6:17:47 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	N
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:31:23 PM	
Last Modified	Nov 28, 2012 6:17:47 PM	
Derived	false	

📄 PulsChiamata

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
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
Documentation	Pulsante di chiamata.	

Author	andrea
Create Date Time	Nov 28, 2012 5:17:29 PM
Last Modified	Nov 28, 2012 6:41:29 PM

Operations

public chiama ()	
Static	false
Leaf	false
Stereotypes	Event
Author	andrea
Create Date Time	Nov 28, 2012 6:40:46 PM
Last Modified	Nov 28, 2012 6:41:29 PM
Ordered	false
Unique	true
Query	false

Relationships

Unnamed Association		
From	**Name**	**Value**
	End Model Element	📄 Piano
	Author	andrea
	Create Date Time	Nov 28, 2012 5:17:29 PM
	Last Modified	Nov 28, 2012 6:41:29 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	Composited
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 5:17:29 PM	
Last Modified	Nov 28, 2012 6:41:29 PM	
Derived	false	

Pulsantiera

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
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
Author	andrea	
Create Date Time	Nov 28, 2012 4:48:52 PM	
Last Modified	Nov 28, 2012 6:17:47 PM	

Relationships

Unnamed Association		
To	**Name**	**Value**
	End Model Element	📄 Pulsante
	Author	andrea
	Create Date Time	Nov 28, 2012 4:53:38 PM
	Last Modified	Nov 28, 2012 6:17:47 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	N
	Visibility	Unspecified
	Aggregation Kind	None
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:53:38 PM	
Last Modified	Nov 28, 2012 6:17:47 PM	
Derived	false	

Unnamed Association		
From	**Name**	**Value**
	End Model Element	📄 Cabina
	Author	andrea
	Create Date Time	Nov 28, 2012 4:48:52 PM
	Last Modified	Nov 28, 2012 6:17:47 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	Composited
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:48:52 PM	
Last Modified	Nov 28, 2012 6:17:47 PM	
Derived	false	

📄 Pulsante

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
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
Documentation	Pulsante di scelta del piano di destinazione.	

Author	andrea
Create Date Time	Nov 28, 2012 4:53:38 PM
Last Modified	Nov 28, 2012 6:36:53 PM

Operations

public scegli () : void	
Static	false
Leaf	false
Stereotypes	Event
Author	andrea
Create Date Time	Nov 28, 2012 6:16:13 PM
Last Modified	Nov 28, 2012 6:36:53 PM
Ordered	false
Unique	true
Query	false

Relationships

Unnamed Association		
To	**Name**	**Value**
	End Model Element	Piano
	Author	andrea
	Create Date Time	Nov 28, 2012 4:55:31 PM
	Last Modified	Nov 28, 2012 6:17:47 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
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:55:31 PM	
Last Modified	Nov 28, 2012 6:17:47 PM	
Derived	false	

Unnamed Association		
From	**Name**	**Value**
	End Model Element	📄 Pulsantiera
	Author	andrea
	Create Date Time	Nov 28, 2012 4:53:38 PM
	Last Modified	Nov 28, 2012 6:17:47 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	Composited
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:53:38 PM	
Last Modified	Nov 28, 2012 6:17:47 PM	
Derived	false	

📄 Porta

Name	**Value**	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
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

Documentation	Porta del piano. Viene azionata meccanicamente dalla porta della cabina.
Author	andrea
Create Date Time	Nov 28, 2012 5:12:27 PM
Last Modified	Nov 28, 2012 6:11:29 PM

Relationships

Unnamed Association		
To	**Name**	**Value**
	End Model Element	📄 Serratura
	Author	andrea
	Create Date Time	Nov 28, 2012 5:15:47 PM
	Last Modified	Nov 28, 2012 6:43:25 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
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 5:15:47 PM	
Last Modified	Nov 28, 2012 6:43:25 PM	
Derived	false	

Unnamed Association		
From	**Name**	**Value**
	End Model Element	📄 Piano
	Author	andrea
	Create Date Time	Nov 28, 2012 5:12:27 PM
	Last Modified	Nov 28, 2012 6:17:47 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	Composited
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 5:12:27 PM	
Last Modified	Nov 28, 2012 6:17:47 PM	
Derived	false	

Display

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
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
Author	andrea	
Create Date Time	Nov 28, 2012 4:51:15 PM	
Last Modified	Nov 28, 2012 6:11:29 PM	

Operations

public display (piano : int)		
Parameters	**piano**	
	Multiplicity	Unspecified
	Author	andrea
	Create Date Time	Nov 28, 2012 6:03:29 PM
	Last Modified	Nov 28, 2012 6:11:29 PM
	Type	🟢 int
	Direction	in
Static	false	
Leaf	false	
Author	andrea	
Create Date Time	Nov 28, 2012 6:03:13 PM	
Last Modified	Nov 28, 2012 6:11:29 PM	
Ordered	false	
Unique	true	
Query	false	

Relationships

Unnamed Association		
From	**Name**	**Value**
	End Model Element	📄 Cabina
	Author	andrea
	Create Date Time	Nov 28, 2012 4:51:15 PM
	Last Modified	Nov 28, 2012 6:01:29 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	Composited
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:51:15 PM	
Last Modified	Nov 28, 2012 6:01:29 PM	
Derived	false	

Serratura

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
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
Author	andrea	
Create Date Time	Nov 28, 2012 5:15:47 PM	
Last Modified	Nov 28, 2012 6:43:25 PM	

Operations

public apri ()	
Static	false
Leaf	false
Author	andrea
Create Date Time	Nov 28, 2012 6:42:35 PM
Last Modified	Nov 28, 2012 6:43:25 PM
Ordered	false
Unique	true
Query	false

public chiudi ()	
Static	false
Leaf	false
Author	andrea
Create Date Time	Nov 28, 2012 6:42:48 PM
Last Modified	Nov 28, 2012 6:43:25 PM
Ordered	false
Unique	true
Query	false

Relationships

Unnamed Association		
From	**Name**	**Value**
	End Model Element	📄 Porta
	Author	andrea
	Create Date Time	Nov 28, 2012 5:15:47 PM
	Last Modified	Nov 28, 2012 6:43:25 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	Composited
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 5:15:47 PM	
Last Modified	Nov 28, 2012 6:43:25 PM	
Derived	false	

📄 SensAvvicin

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
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

Documentation	Sensore di avvicinamento.
Author	andrea
Create Date Time	Nov 28, 2012 5:25:32 PM
Last Modified	Nov 28, 2012 6:50:27 PM

Operations

public passaggio ()	
Static	false
Leaf	false
Stereotypes	Event
Documentation	Passaggio della cabina sul sensore.
Author	andrea
Create Date Time	Nov 28, 2012 6:46:35 PM
Last Modified	Nov 28, 2012 6:50:27 PM
Ordered	false
Unique	true
Query	false

Relationships

Unnamed Association		
From	**Name**	**Value**
	End Model Element	📄 Piano
	Author	andrea
	Create Date Time	Nov 28, 2012 5:25:32 PM
	Last Modified	Nov 28, 2012 6:50:27 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	Composited
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 5:25:32 PM	
Last Modified	Nov 28, 2012 6:50:27 PM	
Derived	false	

📄 PortaCab

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
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

Documentation	Porta della cabina.
Author	andrea
Create Date Time	Nov 28, 2012 4:33:24 PM
Last Modified	Nov 28, 2012 6:11:29 PM

Relationships

Unnamed Association		
To	**Name**	**Value**
	End Model Element	📄 MotorePorta
	Author	andrea
	Create Date Time	Nov 28, 2012 4:37:42 PM
	Last Modified	Nov 28, 2012 6:21:29 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
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:37:42 PM	
Last Modified	Nov 28, 2012 6:21:29 PM	
Derived	false	

Unnamed Association		
To	**Name**	**Value**
	End Model Element	SerraturaCab
	Author	andrea
	Create Date Time	Nov 28, 2012 4:39:21 PM
	Last Modified	Nov 28, 2012 6:31:29 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
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:39:21 PM	
Last Modified	Nov 28, 2012 6:31:29 PM	
Derived	false	

Unnamed Association		
To	**Name**	**Value**
	End Model Element	SensOttico
	Author	andrea
	Create Date Time	Nov 28, 2012 4:45:23 PM
	Last Modified	Nov 28, 2012 6:31:29 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
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:45:23 PM	
Last Modified	Nov 28, 2012 6:31:29 PM	
Derived	false	

Unnamed Association		
From	**Name**	**Value**
	End Model Element	📄 Cabina
	Author	andrea
	Create Date Time	Nov 28, 2012 4:33:24 PM
	Last Modified	Nov 28, 2012 6:11:29 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	Composited
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:33:24 PM	
Last Modified	Nov 28, 2012 6:11:29 PM	
Derived	false	

SensPresenza

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
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
Author	andrea	
Create Date Time	Nov 28, 2012 5:29:00 PM	
Last Modified	Nov 28, 2012 6:50:27 PM	

Operations

public presente () : boolean	
Static	false
Leaf	false
Author	andrea
Create Date Time	Nov 28, 2012 6:49:38 PM
Last Modified	Nov 28, 2012 6:50:27 PM
Ordered	false
Unique	true
Query	false

Relationships

Unnamed Association		
From	**Name**	**Value**
	End Model Element	📄 Piano
	Author	andrea
	Create Date Time	Nov 28, 2012 5:29:00 PM
	Last Modified	Nov 28, 2012 6:50:27 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	Composited
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 5:29:00 PM	
Last Modified	Nov 28, 2012 6:50:27 PM	
Derived	false	

📄 MotorePorta

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
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
Author	andrea	
Create Date Time	Nov 28, 2012 4:37:42 PM	
Last Modified	Nov 28, 2012 6:21:29 PM	

Operations

public apri ()	
Static	false
Leaf	false
Author	andrea
Create Date Time	Nov 28, 2012 6:19:01 PM
Last Modified	Nov 28, 2012 6:21:29 PM
Ordered	false
Unique	true
Query	false

public chiudi ()	
Static	false
Leaf	false
Author	andrea
Create Date Time	Nov 28, 2012 6:19:20 PM
Last Modified	Nov 28, 2012 6:21:29 PM
Ordered	false
Unique	true
Query	false

public stop ()	
Static	false
Leaf	false
Author	andrea
Create Date Time	Nov 28, 2012 6:19:33 PM
Last Modified	Nov 28, 2012 6:21:29 PM
Ordered	false
Unique	true
Query	false

Relationships

Unnamed Association		
From	**Name**	**Value**
	End Model Element	📄 PortaCab
	Author	andrea
	Create Date Time	Nov 28, 2012 4:37:42 PM
	Last Modified	Nov 28, 2012 6:21:29 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	Composited
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:37:42 PM	
Last Modified	Nov 28, 2012 6:21:29 PM	
Derived	false	

📄 SerraturaCab

Name	**Value**

Active	false
Business Key Mutable	true
Business Model	false
Visibility	public
Leaf	false
Root	false
Quality Score	Fair
Quality Reason	**Problem** / **Suggestion**

	Problem	Suggestion
Quality Reason	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary

Documentation	Serratura della cabina.
Author	andrea
Create Date Time	Nov 28, 2012 4:39:21 PM
Last Modified	Nov 28, 2012 6:50:27 PM

Operations

public apri ()	
Static	false
Leaf	false
Author	andrea
Create Date Time	Nov 28, 2012 6:29:31 PM
Last Modified	Nov 28, 2012 6:31:29 PM
Ordered	false
Unique	true
Query	false

public chiudi ()	
Static	false
Leaf	false
Author	andrea
Create Date Time	Nov 28, 2012 6:29:47 PM
Last Modified	Nov 28, 2012 6:31:29 PM
Ordered	false
Unique	true
Query	false

Relationships

Unnamed Association		
From	**Name**	**Value**
	End Model Element	📄 PortaCab
	Author	andrea
	Create Date Time	Nov 28, 2012 4:39:21 PM
	Last Modified	Nov 28, 2012 6:31:29 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	Composited
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:39:21 PM	
Last Modified	Nov 28, 2012 6:31:29 PM	
Derived	false	

📄 SensOttico

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
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

Documentation	Sensore antischiacciamento.
Author	andrea
Create Date Time	Nov 28, 2012 4:45:23 PM
Last Modified	Nov 28, 2012 6:36:53 PM

Operations

public rileva ()	
Static	false
Leaf	false
Stereotypes	Event
Author	andrea
Create Date Time	Nov 28, 2012 6:34:58 PM
Last Modified	Nov 28, 2012 6:36:53 PM
Ordered	false
Unique	true
Query	false

Relationships

Unnamed Association		
From	**Name**	**Value**
	End Model Element	📄 PortaCab
	Author	andrea
	Create Date Time	Nov 28, 2012 4:45:23 PM
	Last Modified	Nov 28, 2012 6:31:29 PM
	Provide Property Getter Method	false
	Provide Property Setter Method	false
	Multiplicity	Unspecified
	Visibility	Unspecified
	Aggregation Kind	Composited
	Navigable	true
	Derived	false
	Derived Union	false
	Read Only	false
	Static	false
	Leaf	false
Abstract	false	
Leaf	false	
Visibility	Unspecified	
Quality Score	Good	
Author	andrea	
Create Date Time	Nov 28, 2012 4:45:23 PM	
Last Modified	Nov 28, 2012 6:31:29 PM	
Derived	false	