Report

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VelociHelptor DER

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1 Specifications

Include specifications here....

2 Model information

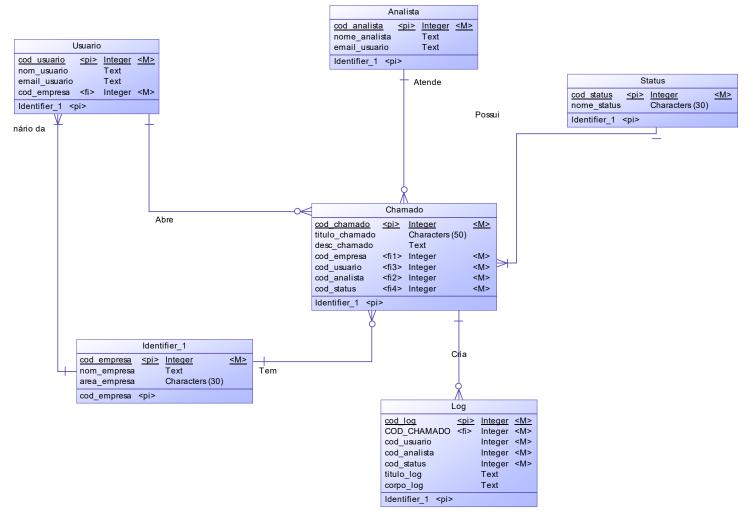
2.1 Card of model VelociHelptor DER

Name	VelociHelptor DER
Code	VELOCIHELPTOR_DER
Comment	
Author	
Version	

3 LDM Diagrams

3.1 Model level diagrams

3.1.1 Diagram Diagram_1



4 Entities

4.1 Model level

4.1.1 Entity Analista

4.1.1.1 Card of entity Analista

Name	Analista
Code	ANALISTA
Parent	Logical Data Model 'VelociHelptor DER'
Comment	
Generate	Yes
Number	

4.1.1.2 List of all dependencies of the entity Analista

Name	Code	Class Name
Atende	ATENDE	Relationship

4.1.1.3 List of relationships of the entity Analista

Name	Code	Genera te	Entity 2	Entity I	Dependent Role	Entity I -> Entity 2 Role Cardinalit y	Entity 2 -> Entity 1 Role Cardinalit y
Atende	ATENDE	X	Chamado	Analista		0,n	1,1

4.1.1.4 List of diagrams containing the entity Analista

Name	Code
Diagram_1	DIAGRAM_1

4.1.1.5 List of attributes of the entity Analista

Name	Code	Data Type	Mandat	Inherited From
			ory	
cod_analista	COD_ANALISTA	Integer	X	
nome_analista	NOME_ANALISTA	Text	*	
email_usuario	EMAIL_USUARIO	Text		

4.1.1.6 Entity attribute cod analista of the entity Analista

4.1.1.6.1 Card of the entity attribute cod_analista of the entity Analista

Name	cod_analista
Code	COD_ANALISTA
Comment	
Data Type	Integer
Mandatory	Yes
Inherited From	<none></none>

4.1.1.6.2 Check of the entity attribute cod_analista of the entity Analista

Minimum Value	
Maximum Value	
Default Value	

Unit	
Format	
Cannot Modify	No
List Of Values	

4.1.1.6.3 Server validation rule of the entity attribute cod analista of the entity Analista

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

4.1.1.6.4 List of all dependencies of the entity attribute cod analista

Name	Code	Class Name
?	?	Relationship Join
Identifier_1	IDENTIFIER_1	Identifier

4.1.1.6.5 List of primary relationship joins of the entity attribute cod_analista

Parent Attribute	Child Attribute		
cod_analista	cod_analista		

4.1.1.6.6 List of identifiers of the entity attribute cod_analista

Name Code		Parent	Primar
			y Identifi er
Identifier_1	IDENTIFIER_1	Entity 'Analista'	X

4.1.1.7 Entity attribute nome_analista of the entity Analista

4.1.1.7.1 Card of the entity attribute nome analista of the entity Analista

Name	nome_analista
Code	NOME_ANALISTA
Comment	
Data Type	Text
Mandatory	No
Inherited From	<none></none>

4.1.1.7.2 Check of the entity attribute nome_analista of the entity Analista

Minimum Value		
Maximum Value		
Default Value		
Unit		
Format		
Cannot Modify	No	
List Of Values		

4.1.1.7.3 Server validation rule of the entity attribute nome analista of the entity Analista

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

4.1.1.8 Entity attribute email usuario of the entity Analista

4.1.1.8.1 Card of the entity attribute email_usuario of the entity Analista

Name	email_usuario
Code	EMAIL_USUARIO

Comment	
Data Type	Text
Mandatory	No
Inherited From	<none></none>

4.1.1.8.2 Check of the entity attribute email usuario of the entity Analista

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

4.1.1.8.3 Server validation rule of the entity attribute email_usuario of the entity Analista

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

4.1.1.9 List of identifiers of the entity Analista

Name	Code	Parent	Primar
			y Identifi er
Identifier_1	IDENTIFIER_1	Entity 'Analista'	X

4.1.1.10 Identifier Identifier_1 of the entity Analista

4.1.1.10.1 Card of the identifier Identifier_1 of the entity Analista

Name	Identifier_1
Code	IDENTIFIER_1
Comment	
Primary Identifier	Yes

4.1.1.10.2 List of attributes of the entity identifier Identifier_1

Name	Name Code		Mandat ory	Inherited From
cod_analista	COD_ANALISTA	Integer	X	

4.1.1.10.3 List of all dependencies of the entity identifier Identifier_1

Name	Code	Class Name
Atende	ATENDE	Relationship

4.1.1.10.4 List of relationships of the entity identifier Identifier 1

Name	Code	Parent	Genera te	Entity 2	Entity 1	Depend ent Role	Entity 1	Entity 2
							Entity 2 Role	Entity 1 Role
							Cardina lity	Cardina lity

Name	Code	Parent	Genera te	Entity 2	Entity 1	Depend ent Role	Entity 1 -> Entity 2 Role Cardina lity	Entity 2 -> Entity 1 Role Cardina lity
Atende	ATEN DE	Logical Data Model 'Veloci Helptor DER'	X	Chamad o	Analista		0,n	1,1

4.1.2 Entity Chamado

4.1.2.1 Card of entity Chamado

Name	Chamado	
Code	CHAMADO	
Parent	Logical Data Model 'VelociHelptor DER'	
Comment		
Generate	Yes	
Number		

4.1.2.2 List of all dependencies of the entity Chamado

Name	Code	Class Name
Abre	ABRE	Relationship
Atende	ATENDE	Relationship
Cria	CRIA	Relationship
Possui	POSSUI	Relationship
Tem	TEM	Relationship

4.1.2.3 List of relationships of the entity Chamado

Name	Code	Genera te	Entity 2	Entity 1	Dependent Role	Entity I -> Entity 2 Role Cardinalit y	Entity 2 -> Entity 1 Role Cardinalit y
Abre	ABRE	X	Chamado	Usuario		0,n	1,1
Atende	ATENDE	X	Chamado	Analista		0,n	1,1
Cria	CRIA	X	Log	Chamado		0,n	1,1
Possui	POSSUI	X	Chamado	Status		1,n	1,1
Tem	TEM	X	Chamado	Identifier_ 1		0,n	1,1

4.1.2.4 List of diagrams containing the entity Chamado

Name	Code
Diagram_1	DIAGRAM_1

4.1.2.5 List of attributes of the entity Chamado

Name	Code	Data Type	Mandat ory	Inherited From
cod_chamado	COD_CHAMADO	Integer	X	

Name	Code	Data Type	Mandat	Inherited From
			ory	
titulo_chamado	TITULO_CHAMADO	Characters (50)		
desc_chamado	DESC_CHAMADO	Text		
cod_empresa	COD_EMPRESA	Integer	X	
cod_usuario	COD_USUARIO	Integer	X	
cod_analista	COD_ANALISTA	Integer	X	
cod_status	COD_STATUS	Integer	X	

4.1.2.6 Entity attribute cod_chamado of the entity Chamado

4.1.2.6.1 Card of the entity attribute cod_chamado of the entity Chamado

Name	cod_chamado
Code	COD_CHAMADO
Comment	
Data Type	Integer
Mandatory	Yes
Inherited From	<none></none>

4.1.2.6.2 Check of the entity attribute cod_chamado of the entity Chamado

Minimum Value	
Maximum Value	
Default Value	
· -	
Unit	
Format	
Cannot Modify	No
List Of Values	

4.1.2.6.3 Server validation rule of the entity attribute cod_chamado of the entity Chamado

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

4.1.2.6.4 List of all dependencies of the entity attribute cod_chamado

Name	Code	Class Name
?	?	Relationship Join
Identifier_1	IDENTIFIER_1	Identifier

4.1.2.6.5 List of primary relationship joins of the entity attribute cod chamado

Parent Attribute	Child Attribute
cod chamado	COD CHAMADO

4.1.2.6.6 List of identifiers of the entity attribute cod_chamado

Name	Code	Parent	Primar
			y Identifi er
Identifier_1	IDENTIFIER_1	Entity 'Chamado'	X

4.1.2.7 Entity attribute titulo_chamado of the entity Chamado

Name	titulo_chamado
Code	TITULO_CHAMADO
Comment	
Data Type	Characters (50)
Mandatory	No
Inherited From	<none></none>

4.1.2.7.2 Check of the entity attribute titulo_chamado of the entity Chamado

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

4.1.2.7.3 Server validation rule of the entity attribute titulo chamado of the entity Chamado

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

4.1.2.8 Entity attribute desc_chamado of the entity Chamado

4.1.2.8.1 Card of the entity attribute desc_chamado of the entity Chamado

Name	desc_chamado
Code	DESC_CHAMADO
Comment	
Data Type	Text
Mandatory	No
Inherited From	<none></none>

4.1.2.8.2 Check of the entity attribute desc_chamado of the entity Chamado

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

4.1.2.8.3 Server validation rule of the entity attribute desc_chamado of the entity Chamado

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

4.1.2.9 Entity attribute cod empresa of the entity Chamado

4.1.2.9.1 Card of the entity attribute cod_empresa of the entity Chamado

Name	cod_empresa
Code	COD_EMPRESA
Comment	
Data Type	Integer
Mandatory	Yes

Inherited From	<none></none>
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4.1.2.9.2 Check of the entity attribute cod_empresa of the entity Chamado

Minimum Value			
Maximum Value			
Default Value			
Unit			
Format			
Cannot Modify	No		
List Of Values			

4.1.2.9.3 Server validation rule of the entity attribute cod_empresa of the entity Chamado

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

4.1.2.9.4 List of all dependencies of the entity attribute cod_empresa

Name	Code	Class Name
?	?	Relationship Join

4.1.2.9.5 List of foreign relationship joins of the entity attribute cod_empresa

Parent Attribute	Child Attribute	
cod_empresa	cod_empresa	

4.1.2.10 Entity attribute cod_usuario of the entity Chamado

4.1.2.10.1 Card of the entity attribute cod_usuario of the entity Chamado

Name	cod_usuario
Code	COD_USUARIO
Comment	
Data Type	Integer
Mandatory	Yes
Inherited From	<none></none>

4.1.2.10.2 Check of the entity attribute cod usuario of the entity Chamado

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

4.1.2.10.3 Server validation rule of the entity attribute cod_usuario of the entity Chamado

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

4.1.2.10.4 List of all dependencies of the entity attribute cod_usuario

Name	Code	Class Name
?	?	Relationship Join

4.1.2.10.5 List of foreign relationship joins of the entity attribute cod usuario

Parent Attribute	Child Attribute
------------------	-----------------

Parent Attribute	Child Attribute
cod_usuario	cod_usuario

4.1.2.11 Entity attribute cod_analista of the entity Chamado

4.1.2.11.1 Card of the entity attribute cod_analista of the entity Chamado

Name	cod_analista
Code	COD_ANALISTA
Comment	
Data Type	Integer
Mandatory	Yes
Inherited From	<none></none>

4.1.2.11.2 Check of the entity attribute cod analista of the entity Chamado

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

4.1.2.11.3 Server validation rule of the entity attribute cod_analista of the entity Chamado

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

4.1.2.11.4 List of all dependencies of the entity attribute cod_analista

Name	Code	Class Name
?	?	Relationship Join

4.1.2.11.5 List of foreign relationship joins of the entity attribute cod analista

Parent Attribute	Child Attribute
cod_analista	cod_analista

4.1.2.12 Entity attribute cod_status of the entity Chamado

4.1.2.12.1 Card of the entity attribute cod_status of the entity Chamado

Name	cod_status
Code	COD_STATUS
Comment	
Data Type	Integer
Mandatory	Yes
Inherited From	<none></none>

4.1.2.12.2 Check of the entity attribute cod_status of the entity Chamado

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	

Cannot Modify	No
List Of Values	

4.1.2.12.3 Server validation rule of the entity attribute cod_status of the entity Chamado

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

4.1.2.12.4 List of all dependencies of the entity attribute cod status

Name	Code	Class Name
?	?	Relationship Join

4.1.2.12.5 List of foreign relationship joins of the entity attribute cod_status

Parent Attribute	Child Attribute
cod_status	cod_status

4.1.2.13 List of identifiers of the entity Chamado

Name	Code	Parent	Primar
			y Identifi er
Identifier_1	IDENTIFIER_1	Entity 'Chamado'	X

4.1.2.14 Identifier Identifier 1 of the entity Chamado

4.1.2.14.1 Card of the identifier Identifier_1 of the entity Chamado

Name	Identifier_1
Code	IDENTIFIER_1
Comment	
Primary Identifier	Yes

4.1.2.14.2 List of attributes of the entity identifier Identifier 1

Name	Code	Data Type	Mandat ory	Inherited From
cod_chamado	COD_CHAMADO	Integer	X	

4.1.2.14.3 List of all dependencies of the entity identifier Identifier_1

Name	Code	Class Name
Cria	CRIA	Relationship

4.1.2.14.4 List of relationships of the entity identifier Identifier_1

Name	Code	Parent	Genera te	Entity 2	Entity 1	Depend ent Role	Entity 1 -> Entity 2 Role Cardina lity	Entity 2 -> Entity 1 Role Cardina lity
Cria	CRIA	Logical Data Model 'Veloci Helptor DER'	X	Log	Chamad o		0,n	1,1

4.1.3 Entity Identifier_1

4.1.3.1 Card of entity Identifier_1

Name	Identifier_1
Code	IDENTIFIER_1
Parent	Logical Data Model 'VelociHelptor DER'
Comment	
Generate	Yes
Number	

4.1.3.2 List of all dependencies of the entity Identifier_1

Name	Code	Class Name
Funcionário da	FUNCIONARIO_DA	Relationship
Tem	TEM	Relationship

4.1.3.3 List of relationships of the entity Identifier_1

Name	Code	Genera te	Entity 2	Entity 1	Dependent Role	Entity I -> Entity 2 Role Cardinalit y	Entity 2 -> Entity 1 Role Cardinalit y
Funcionári o da	FUNCIO NARIO_ DA	X	Usuario	Identifier_ 1		1,n	1,1
Tem	TEM	X	Chamado	Identifier_ 1		0,n	1,1

4.1.3.4 List of diagrams containing the entity Identifier_1

Name	Code
Diagram_1	DIAGRAM_1

4.1.3.5 List of attributes of the entity Identifier_1

Name	Code	Data Type	Mandat ory	Inherited From
cod_empresa	COD_EMPRESA	Integer	X	
nom_empresa	NOM_EMPRESA	Text		
area_empresa	AREA_EMPRESA	Characters (30)		

4.1.3.6 Entity attribute cod_empresa of the entity Identifier_1

4.1.3.6.1 Card of the entity attribute cod_empresa of the entity Identifier_1

Name	cod_empresa
Code	COD_EMPRESA
Comment	
Data Type	Integer
Mandatory	Yes
Inherited From	<none></none>

4.1.3.6.2 Check of the entity attribute cod_empresa of the entity Identifier_1

Minimum Value	
Maximum Value	
Default Value	

Unit	
Format	
Cannot Modify	No
List Of Values	

4.1.3.6.3 Server validation rule of the entity attribute cod empresa of the entity Identifier 1

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

4.1.3.6.4 List of all dependencies of the entity attribute cod empresa

Name	Code	Class Name
cod_empresa	COD_EMPRESA	Identifier
?	?	Relationship Join
?	?	Relationship Join

4.1.3.6.5 List of primary relationship joins of the entity attribute cod_empresa

Parent Attribute	Child Attribute		
cod_empresa	cod_empresa		
cod_empresa	cod_empresa		

4.1.3.6.6 List of identifiers of the entity attribute cod_empresa

Name	Code	Parent	Primar
			y Identifi er
cod_empresa	COD_EMPRESA	Entity 'Identifier_1'	X

4.1.3.7 Entity attribute nom_empresa of the entity Identifier_1

4.1.3.7.1 Card of the entity attribute nom_empresa of the entity Identifier_1

Name	nom_empresa
Code	NOM_EMPRESA
Comment	
Data Type	Text
Mandatory	No
Inherited From	<none></none>

4.1.3.7.2 Check of the entity attribute nom_empresa of the entity Identifier_1

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

4.1.3.7.3 Server validation rule of the entity attribute nom_empresa of the entity Identifier_1

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

4.1.3.8 Entity attribute area_empresa of the entity Identifier_1

Name	area_empresa
Code	AREA_EMPRESA
Comment	
Data Type	Characters (30)
Mandatory	No
Inherited From	<none></none>

4.1.3.8.2 Check of the entity attribute area_empresa of the entity Identifier_1

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

4.1.3.8.3 Server validation rule of the entity attribute area empresa of the entity Identifier 1

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

4.1.3.9 List of identifiers of the entity Identifier_1

Name	Code	Parent	Primar
			y Identifi er
cod_empresa	COD_EMPRESA	Entity 'Identifier_1'	X

4.1.3.10 Identifier cod empresa of the entity Identifier 1

4.1.3.10.1 Card of the identifier cod_empresa of the entity Identifier_1

Name	cod_empresa
Code	COD_EMPRESA
Comment	
Primary Identifier	Yes

4.1.3.10.2 List of attributes of the entity identifier cod_empresa

Name	Code	Data Type	Mandat ory	Inherited From
cod empresa	COD EMPRESA	Integer	X	

4.1.3.10.3 List of all dependencies of the entity identifier cod_empresa

Name		Code	Class Name	
Funcionário da		FUNCIONARIO_DA	Relationship	
	Tem	TEM	Relationship	

4.1.3.10.4 List of relationships of the entity identifier cod_empresa

Name	Code	Parent	Genera	Entity 2	Entity 1	Depend	Entity 1	Entity 2
			te			ent Role	->	->
							Entity 2	Entity 1
							Role	Role
							Cardina	Cardina
							lity	lity

Name	Code	Parent	Genera te	Entity 2	Entity 1	Depend ent Role	Entity 1 -> Entity 2 Role Cardina lity	Entity 2 -> Entity 1 Role Cardina lity
Funcion ário da	FUNCI ONARI O_DA	Logical Data Model 'Veloci Helptor DER'	X	Usuario	Identifie r_1		1,n	1,1
Tem	TEM	Logical Data Model 'Veloci Helptor DER'	X	Chamad o	Identifie r_1		0,n	1,1

4.1.4 Entity Log

4.1.4.1 Card of entity Log

Name	Log
Code	LOG
Parent	Logical Data Model 'VelociHelptor DER'
Comment	
Generate	No
Number	

4.1.4.2 List of all dependencies of the entity Log

Name	Code	Class Name
Cria	CRIA	Relationship

4.1.4.3 List of relationships of the entity Log

Name	Code	Genera te	Entity 2	Entity I	Dependent Role	Entity I -> Entity 2 Role Cardinalit y	Entity 2 -> Entity 1 Role Cardinalit y
Cria	CRIA	X	Log	Chamado		0,n	1,1

4.1.4.4 List of diagrams containing the entity Log

Name	Code
Diagram_1	DIAGRAM_1

4.1.4.5 List of attributes of the entity Log

Name	Code	Data Type	Mandat	Inherited From
			ory	
cod_log	COD_LOG	Integer	X	
COD_CHAMADO	COD_CHAMADO	Integer	X	
cod_usuario	COD_USUARIO	Integer	X	
cod_analista	COD_ANALISTA	Integer	X	
cod_status	COD_STATUS	Integer	X	

Name	Code	Data Type	Mandat ory	Inherited From
titulo_log	TITULO_LOG	Text		
corpo_log	CORPO_LOG	Text		

4.1.4.6 Entity attribute cod log of the entity Log

4.1.4.6.1 Card of the entity attribute cod_log of the entity Log

Name	cod_log
Code	COD_LOG
Comment	
Data Type	Integer
Mandatory	Yes
Inherited From	<none></none>

4.1.4.6.2 Check of the entity attribute cod_log of the entity Log

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

4.1.4.6.3 Server validation rule of the entity attribute cod_log of the entity Log

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

4.1.4.6.4 List of all dependencies of the entity attribute cod_log

Name	Code	Class Name
Identifier_1	IDENTIFIER_1	Identifier

4.1.4.6.5 List of identifiers of the entity attribute cod log

Name	Code	Parent	Primar
			y Identifi er
Identifier_1	IDENTIFIER_1	Entity 'Log'	X

4.1.4.7 Entity attribute COD_CHAMADO of the entity Log

4.1.4.7.1 Card of the entity attribute COD_CHAMADO of the entity Log

Name	COD_CHAMADO
Code	COD_CHAMADO
Comment	
Data Type	Integer
Mandatory	Yes
Inherited From	<none></none>

4.1.4.7.2 Check of the entity attribute COD_CHAMADO of the entity Log

Minimum Value	
---------------	--

Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

4.1.4.7.3 Server validation rule of the entity attribute COD_CHAMADO of the entity Log

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

4.1.4.7.4 List of all dependencies of the entity attribute COD_CHAMADO

Name	Code	Class Name
?	?	Relationship Join

4.1.4.7.5 List of foreign relationship joins of the entity attribute COD_CHAMADO

Parent Attribute	Child Attribute
cod_chamado	COD_CHAMADO

4.1.4.8 Entity attribute cod_usuario of the entity Log

4.1.4.8.1 Card of the entity attribute cod_usuario of the entity Log

Name	cod_usuario
Code	COD_USUARIO
Comment	
Data Type	Integer
Mandatory	Yes
Inherited From	<none></none>

4.1.4.8.2 Check of the entity attribute cod_usuario of the entity Log

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

4.1.4.8.3 Server validation rule of the entity attribute cod_usuario of the entity Log

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

4.1.4.9 Entity attribute cod_analista of the entity Log

4.1.4.9.1 Card of the entity attribute cod_analista of the entity Log

Name	cod_analista
Code	COD_ANALISTA
Comment	
Data Type	Integer
Mandatory	Yes
Inherited From	<none></none>

Logical Data Model		VelociHelptor DER
444000000000000000000000000000000000000		
4.1.4.9.2 Check of the 6	entity attribute cod_analista of the entity Log	
Maximum Value		
Default Value		
Unit		
Format Commat Madific	N	
Cannot Modify	No	
List Of Values		
	ion rule of the entity attribute cod_analista of the eVAL% and %CASE% and %RULES%	ntity Log
4.1.4.10 Entity attribute	cod_status of the entity Log	
4.1.4.10.1 Card of the e	ntity attribute cod_status of the entity Log	
Name	cod_status	
Code	COD_STATUS	
Comment		
Data Type	Integer	
Mandatory	Yes	
Inherited From	<none></none>	
4.1.4.10.2 Check of the	entity attribute cod_status of the entity Log	
Minimum Value		
Maximum Value		
Default Value		
Unit		
Format		
Cannot Modify	No	
List Of Values		
4 4 4 4 0 2 Someon valida	tion rule of the entity attribute and statue of the en	otitu I og
	tion rule of the entity attribute cod_status of the entity attribute cod_status of the entity and %RULES%	itity Log
4.1.4.11 Entity attribute	titulo_log of the entity Log	
4.1.4.11.1 Card of the e	ntity attribute titulo_log of the entity Log	
Name	titulo_log	
Code	TITULO_LOG	
Comment	_	
Data Type	Text	
Mandatory	No	
Inherited From	<none></none>	
	entity attribute titulo log of the entity Log	
Minimum Value		
Maximum Value		

Default Value

Unit

Format	
Cannot Modify	No
List Of Values	

4.1.4.11.3 Server validation rule of the entity attribute titulo_log of the entity Log

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

4.1.4.12 Entity attribute corpo_log of the entity Log

4.1.4.12.1 Card of the entity attribute corpo log of the entity Log

Name	corpo_log
Code	CORPO_LOG
Comment	
Data Type	Text
Mandatory	No
Inherited From	<none></none>

4.1.4.12.2 Check of the entity attribute corpo_log of the entity Log

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

4.1.4.12.3 Server validation rule of the entity attribute corpo log of the entity Log

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

4.1.4.13 List of identifiers of the entity Log

Name	Code	Parent	Primar
			y Identifi er
Identifier_1	IDENTIFIER_1	Entity 'Log'	X

4.1.4.14 Identifier Identifier_1 of the entity Log

4.1.4.14.1 Card of the identifier Identifier_1 of the entity Log

Name	Identifier_1
Code	IDENTIFIER_1
Comment	
Primary Identifier	Yes

4.1.4.14.2 List of attributes of the entity identifier Identifier_1

Name	Code	Data Type	Mandat ory	Inherited From
cod_log	COD_LOG	Integer	X	

4.1.5 Entity Status

4.1.5.1 Card of entity Status

	Name	Status	
	Code	STATUS	
l	Parent	Logical Data Model 'VelociHelptor DER'	
	Comment		
	Generate	Yes	
	Number		

4.1.5.2 List of all dependencies of the entity Status

Name	Code	Class Name
Possui	POSSUI	Relationship

4.1.5.3 List of relationships of the entity Status

Name	Code	Genera	Entity 2	Entity 1	Dependent	Entity 1	Entity 2
		te			Role	-> Entity	-> Entity
						2 Role	1 Role
						Cardinalit	Cardinalit
						y	y
Possui	POSSUI	X	Chamado	Status		1,n	1,1

4.1.5.4 List of diagrams containing the entity Status

Name	Code
Diagram_1	DIAGRAM_1

4.1.5.5 List of attributes of the entity Status

Name	Code	Data Type	Mandat ory	Inherited From
cod_status	COD_STATUS	Integer	X	
nome_status	NOME_STATUS	Characters (30)		

4.1.5.6 Entity attribute cod status of the entity Status

4.1.5.6.1 Card of the entity attribute cod_status of the entity Status

Name	cod_status
Code	COD_STATUS
Comment	
Data Type	Integer
Mandatory	Yes
Inherited From	<none></none>

4.1.5.6.2 Check of the entity attribute cod status of the entity Status

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

4.1.5.6.3 Server validation rule of the entity attribute cod_status of the entity Status

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

4.1.5.6.4 List of all dependencies of the entity attribute cod status

Name	Code	Class Name
?	?	Relationship Join
Identifier_1	IDENTIFIER_1	Identifier

4.1.5.6.5 List of primary relationship joins of the entity attribute cod status

Parent Attribute	Child Attribute
cod_status	cod_status

4.1.5.6.6 List of identifiers of the entity attribute cod_status

Name	Code	Parent	Primar
			y Identifi er
Identifier_1	IDENTIFIER_1	Entity 'Status'	X

4.1.5.7 Entity attribute nome status of the entity Status

4.1.5.7.1 Card of the entity attribute nome_status of the entity Status

Name	nome_status
Code	NOME_STATUS
Comment	
Data Type	Characters (30)
Mandatory	No
Inherited From	<none></none>

4.1.5.7.2 Check of the entity attribute nome_status of the entity Status

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

4.1.5.7.3 Server validation rule of the entity attribute nome_status of the entity Status

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

4.1.5.8 List of identifiers of the entity Status

Name	Code	Parent	Primar
			y Identifi er
Identifier_1	IDENTIFIER_1	Entity 'Status'	X

4.1.5.9 Identifier Identifier_1 of the entity Status

4.1.5.9.1 Card of the identifier Identifier 1 of the entity Status

Name	Identifier 1
	_

Code	IDENTIFIER_1
Comment	
Primary Identifier	Yes

4.1.5.9.2 List of attributes of the entity identifier Identifier_1

Name	Code	Data Type	Mandat orv	Inherited From
cod_status	COD_STATUS	Integer	X	

4.1.5.9.3 List of all dependencies of the entity identifier Identifier_1

Name	Code	Class Name
Possui	POSSUI	Relationship

4.1.5.9.4 List of relationships of the entity identifier Identifier_1

Name	Code	Parent	Genera te	Entity 2	Entity 1	Depend ent Role	Entity 1 -> Entity 2 Role Cardina lity	Entity 2 -> Entity 1 Role Cardina lity
Possui	POSSU I	Logical Data Model 'Veloci Helptor DER'	X	Chamad o	Status		1,n	1,1

4.1.6 Entity Usuario

4.1.6.1 Card of entity Usuario

Name	Usuario
Code	USUARIO
Parent	Logical Data Model 'VelociHelptor DER'
Comment	
Generate	Yes
Number	

4.1.6.2 List of all dependencies of the entity Usuario

Name	Code	Class Name
Abre	ABRE	Relationship
Funcionário da	FUNCIONARIO_DA	Relationship

4.1.6.3 List of relationships of the entity Usuario

Name	Code	Genera te	Entity 2	Entity 1	Dependent Role	Entity I -> Entity 2 Role Cardinalit y	Entity 2 -> Entity 1 Role Cardinalit y
Abre	ABRE	X	Chamado	Usuario		0,n	1,1
Funcionári o da	FUNCIO NARIO_ DA	X	Usuario	Identifier_ 1		1,n	1,1

4.1.6.4 List of diagrams containing the entity Usuario

Name	Code		
Diagram_1	DIAGRAM_1		

4.1.6.5 List of attributes of the entity Usuario

Name	Code	Data Type	Mandat	Inherited From
			ory	
cod_usuario	COD_USUARIO	Integer	X	
nom_usuario	NOM_USUARIO	Text		
email_usuario	EMAIL_USUARIO	Text		
cod_empresa	COD_EMPRESA	Integer	X	

4.1.6.6 Entity attribute cod_usuario of the entity Usuario

4.1.6.6.1 Card of the entity attribute cod_usuario of the entity Usuario

Name	cod_usuario
Code	COD_USUARIO
Comment	
Data Type	Integer
Mandatory	Yes
Inherited From	<none></none>

4.1.6.6.2 Check of the entity attribute cod_usuario of the entity Usuario

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

4.1.6.6.3 Server validation rule of the entity attribute cod_usuario of the entity Usuario

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

4.1.6.6.4 List of all dependencies of the entity attribute cod_usuario

Name	Code	Class Name
?	?	Relationship Join
Identifier_1	IDENTIFIER_1	Identifier

4.1.6.6.5 List of primary relationship joins of the entity attribute cod_usuario

Parent Attribute	Child Attribute
cod_usuario	cod_usuario

4.1.6.6.6 List of identifiers of the entity attribute cod_usuario

Name	Code	Parent	Primar
			y Identifi er
Identifier_1	IDENTIFIER_1	Entity 'Usuario'	X

4.1.6.7 Entity attribute nom_usuario of the entity Usuario

4.1.6.7.1 Card of the entity attribute nom usuario of the entity Usuario

Name	nom_usuario
Code	NOM_USUARIO
Comment	
Data Type	Text
Mandatory	No
Inherited From	<none></none>

4.1.6.7.2 Check of the entity attribute nom_usuario of the entity Usuario

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

4.1.6.7.3 Server validation rule of the entity attribute nom_usuario of the entity Usuario

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

4.1.6.8 Entity attribute email usuario of the entity Usuario

4.1.6.8.1 Card of the entity attribute email_usuario of the entity Usuario

Name	email_usuario	
Code	EMAIL_USUARIO	
Comment		
Data Type	Text	
Mandatory	No	
Inherited From	<none></none>	

4.1.6.8.2 Check of the entity attribute email_usuario of the entity Usuario

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

4.1.6.8.3 Server validation rule of the entity attribute email_usuario of the entity Usuario

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

4.1.6.9 Entity attribute cod_empresa of the entity Usuario

4.1.6.9.1 Card of the entity attribute cod_empresa of the entity Usuario

Name	cod_empresa
Code	COD_EMPRESA
Comment	

Data Type	Integer
Mandatory	Yes
Inherited From	<none></none>

4.1.6.9.2 Check of the entity attribute cod_empresa of the entity Usuario

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

4.1.6.9.3 Server validation rule of the entity attribute cod_empresa of the entity Usuario

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

4.1.6.9.4 List of all dependencies of the entity attribute cod_empresa

Name	Code	Class Name
?	?	Relationship Join

4.1.6.9.5 List of foreign relationship joins of the entity attribute cod_empresa

Parent Attribute	Child Attribute
cod_empresa	cod_empresa

4.1.6.10 List of identifiers of the entity Usuario

Name	Code	Parent	Primar
			y Identifi er
Identifier_1	IDENTIFIER_1	Entity 'Usuario'	X

4.1.6.11 Identifier Identifier_1 of the entity Usuario

4.1.6.11.1 Card of the identifier Identifier 1 of the entity Usuario

Name	Identifier_1
Code	IDENTIFIER_1
Comment	
Primary Identifier	Yes

4.1.6.11.2 List of attributes of the entity identifier Identifier_1

Name	Code	Data Type	Mandat	Inherited From
cod usuario C	COD USUARIO	Integer	v	

4.1.6.11.3 List of all dependencies of the entity identifier Identifier 1

Name	Code	Class Name
Abre	ABRE	Relationship

4.1.6.11.4 List of relationships of the entity identifier Identifier_1

Name	Code	Parent	Genera te	Entity 2	Entity 1	Depend ent Role	Entity 1 -> Entity 2 Role Cardina lity	Entity 2 -> Entity 1 Role Cardina lity
Abre	ABRE	Logical Data Model 'Veloci Helptor DER'	X	Chamad o	Usuario		0,n	1,1

5 Relationships

5.1 Model level

5.1.1 Relationship Abre

5.1.1.1 Card of relationship Abre

Name	Abre
Code	ABRE
Parent	Logical Data Model 'VelociHelptor DER'
Comment	
Generate	Yes
Entity 1	Usuario
Entity 2	Chamado
Dependent Role	<none></none>
Entity 1 -> Entity 2 Role Cardinality	0,n
Entity 2 -> Entity 1 Role Cardinality	1,1

5.1.1.2 List of diagrams containing the relationship Abre

Name	Code
Diagram_1	DIAGRAM_1

5.1.1.3 List of relationship joins of the relationship Abre

Parent Attribute	Child Attribute	
cod_usuario	cod_usuario	

5.1.1.4 Relationship join cod_usuario = cod_usuario of the relationship Abre

5.1.1.4.1 Card of the relationship join cod_usuario = cod_usuario of the relationship Abre

Child Attribute	cod_usuario
Parent Attribute	cod_usuario

5.1.2 Relationship Atende

5.1.2.1 Card of relationship Atende

Name	Atende
Code	ATENDE
Parent	Logical Data Model 'VelociHelptor DER'
Comment	
Generate	Yes
Entity 1	Analista
Entity 2	Chamado
Dependent Role	<none></none>
Entity 1 -> Entity 2 Role Cardinality	0,n
Entity 2 -> Entity 1 Role Cardinality	1,1

Name	Code
Diagram_1	DIAGRAM_1

5.1.2.3 List of relationship joins of the relationship Atende

Parent Attribute	Child Attribute
cod_analista	cod_analista

5.1.2.4 Relationship join cod_analista = cod_analista of the relationship Atende

5.1.2.4.1 Card of the relationship join cod_analista = cod_analista of the relationship Atende

Child Attribute	cod_analista
Parent Attribute	cod_analista

5.1.3 Relationship Cria

5.1.3.1 Card of relationship Cria

Name	Cria
Code	CRIA
Parent	Logical Data Model 'VelociHelptor DER'
Comment	
Generate	Yes
Entity 1	Chamado
Entity 2	Log
Dependent Role	<none></none>
Entity 1 -> Entity 2 Role Cardinality	0,n
Entity 2 -> Entity 1 Role Cardinality	1,1

5.1.3.2 List of diagrams containing the relationship Cria

Name	Code
Diagram_1	DIAGRAM_1

5.1.3.3 List of relationship joins of the relationship Cria

Parent Attribute	Child Attribute
cod_chamado	COD_CHAMADO

5.1.3.4 Relationship join cod_chamado = COD_CHAMADO of the relationship Cria

5.1.3.4.1 Card of the relationship join cod_chamado = COD_CHAMADO of the relationship Cria

Child Attribute	COD_CHAMADO
Parent Attribute	cod_chamado

5.1.4 Relationship Funcionário da

5.1.4.1 Card of relationship Funcionário da

Name	Funcionário da
Code	FUNCIONARIO_DA
Parent	Logical Data Model 'VelociHelptor DER'
Comment	

Generate	Yes
Entity 1	Identifier_1
Entity 2	Usuario
Dependent Role	<none></none>
Entity 1 -> Entity 2 Role Cardinality	1,n
Entity 2 -> Entity 1 Role Cardinality	1,1

5.1.4.2 List of diagrams containing the relationship Funcionário da

Name	Code
Diagram_1	DIAGRAM_1

5.1.4.3 List of relationship joins of the relationship Funcionário da

Parent Attribute	Child Attribute
cod_empresa	cod_empresa

5.1.4.4 Relationship join cod_empresa = cod_empresa of the relationship Funcionário da

5.1.4.4.1 Card of the relationship join cod empresa = cod empresa of the relationship Funcionário da

Child Attribute	cod_empresa
Parent Attribute	cod_empresa

5.1.5 Relationship Possui

5.1.5.1 Card of relationship Possui

Name	Possui
Code	POSSUI
Parent	Logical Data Model 'VelociHelptor DER'
Comment	
Generate	Yes
Entity 1	Status
Entity 2	Chamado
Dependent Role	<none></none>
Entity 1 -> Entity 2 Role Cardinality	1,n
Entity 2 -> Entity 1 Role Cardinality	1,1

5.1.5.2 List of diagrams containing the relationship Possui

Name	Code
Diagram_1	DIAGRAM_1

5.1.5.3 List of relationship joins of the relationship Possui

Parent Attribute	Child Attribute
cod_status	cod_status

5.1.5.4 Relationship join cod_status = cod_status of the relationship Possui

5.1.5.4.1 Card of the relationship join cod_status = cod_status of the relationship Possui

Child Attribute	cod status
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Parent Attribute	cod_status
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5.1.6 Relationship Tem

5.1.6.1 Card of relationship Tem

Name	Tem
Code	TEM
Parent	Logical Data Model 'VelociHelptor DER'
Comment	
Generate	Yes
Entity 1	Identifier_1
Entity 2	Chamado
Dependent Role	<none></none>
Entity 1 -> Entity 2 Role Cardinality	0,n
Entity 2 -> Entity 1 Role Cardinality	1,1

5.1.6.2 List of diagrams containing the relationship Tem

Name	Code
Diagram_1	DIAGRAM_1

5.1.6.3 List of relationship joins of the relationship Tem

Parent Attribute	Child Attribute
cod_empresa	cod_empresa

5.1.6.4 Relationship join cod empresa = cod empresa of the relationship Tem

5.1.6.4.1 Card of the relationship join cod_empresa = cod_empresa of the relationship Tem

Child Attribute	cod_empresa
Parent Attribute	cod_empresa