Report

IREMAR
20/06/2021

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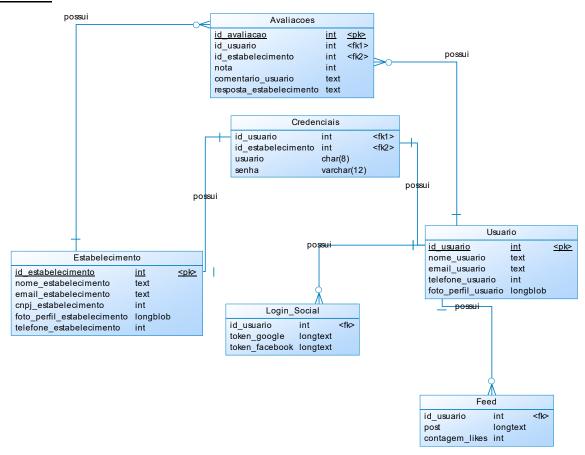## 1 Specifications

Include specifications here...

2 Model information

2.1 Card of model DER

Name	DER
Code	PHYSICALDATAMODEL_1
Comment	
DBMS	MySQL 5.0
Database	<None>

3 PDM Diagrams

3.1 Model level diagrams

3.1.1 Diagram DER

4 Physical diagrams objects

4.1 References

4.1.1 Model level references

4.1.1.1 List of references

Name	Code	Parent Table	Child Table
possui	possui	Usuario	Credenciais
possui	possui	Estabelecimento	Credenciais
possui	possui	Usuario	Feed
possui	possui	Usuario	Avaliacoes
possui	possui	Usuario	Login_Social
possui	possui	Estabelecimento	Avaliacoes

4.1.1.2 Reference possui

4.1.1.2.1 Card of reference possui

Name	possui
Code	possui
Parent Table	Usuario
Child Table	Credenciais

4.1.1.2.2 Code preview of the reference possui

alter table Credenciais add constraint FK_possui foreign key (id_usuario)
    references Usuario (id_usuario) on delete restrict on update restrict;

4.1.1.2.3 List of diagrams containing the reference possui

Name	Code
DER	PHYSICALDIAGRAM_1

4.1.1.2.4 List of reference joins of the reference possui

Parent Table Column	Child Table Column
id_usuario	id_usuario

4.1.1.2.5 List of extended attributes of the reference possui

Name	Data Type	Value	Target Name
ReferenceMatch	ReferenceMatchType		MySQL 5.0

4.1.1.3 Reference possui

4.1.1.3.1 Card of reference possui

Name	possui
Code	possui
Parent Table	Estabelecimento
Child Table	Credenciais

4.1.1.3.2 Code preview of the reference possui

alter table Credenciais add constraint FK_possui foreign key (id_estabelecimento)
    references Estabelecimento (id_estabelecimento) on delete restrict on update restrict;

4.1.1.3.3 List of diagrams containing the reference possui

Name	Code
DER	PHYSICALDIAGRAM_1

4.1.1.3.4 List of reference joins of the reference possui

Parent Table Column	Child Table Column
id_estabelecimento	id_estabelecimento

4.1.1.3.5 List of extended attributes of the reference possui

Name	Data Type	Value	Target Name
ReferenceMatch	ReferenceMatchType		MySQL 5.0

4.1.1.4 Reference possui

4.1.1.4.1 Card of reference possui

Name	possui
Code	possui
Parent Table	Usuario
Child Table	Feed

4.1.1.4.2 Code preview of the reference possui

alter table Feed add constraint FK_possui foreign key (id_usuario)
    references Usuario (id_usuario) on delete restrict on update restrict;

4.1.1.4.3 List of diagrams containing the reference possui

Name	Code
DER	PHYSICALDIAGRAM_1

4.1.1.4.4 List of reference joins of the reference possui

Parent Table Column	Child Table Column
id_usuario	id_usuario

4.1.1.4.5 List of extended attributes of the reference possui

Name	Data Type	Value	Target Name
ReferenceMatch	ReferenceMatchType		MySQL 5.0

4.1.1.5 Reference possui

4.1.1.5.1 Card of reference possui

Name	possui
Code	possui
Parent Table	Usuario
Child Table	Avaliacoes

4.1.1.5.2 Code preview of the reference possui

alter table Avaliacoes add constraint FK_possui foreign key (id_usuario)
    references Usuario (id_usuario) on delete restrict on update restrict;

Name	Code
DER	PHYSICALDIAGRAM_1

4.1.1.5.4 List of reference joins of the reference possui

Parent Table Column	Child Table Column
id_usuario	id_usuario

4.1.1.5.5 List of extended attributes of the reference possui

Name	Data Type	Value	Target Name
ReferenceMatch	ReferenceMatchType		MySQL 5.0

4.1.1.6 Reference possui

4.1.1.6.1 Card of reference possui

Name	possui
Code	possui
Parent Table	Usuario
Child Table	Login_Social

4.1.1.6.2 Code preview of the reference possui

alter table Login_Social add constraint FK_possui foreign key (id_usuario)
    references Usuario (id_usuario) on delete restrict on update restrict;

4.1.1.6.3 List of diagrams containing the reference possui

Name	Code
DER	PHYSICALDIAGRAM_1

4.1.1.6.4 List of reference joins of the reference possui

Parent Table Column	Child Table Column
id_usuario	id_usuario

4.1.1.6.5 List of extended attributes of the reference possui

Name	Data Type	Value	Target Name
ReferenceMatch	ReferenceMatchType		MySQL 5.0

4.1.1.7 Reference possui

4.1.1.7.1 Card of reference possui

Name	possui
Code	possui
Parent Table	Estabelecimento
Child Table	Avaliacoes

4.1.1.7.2 Code preview of the reference possui

alter table Avaliacoes add constraint FK_possui foreign key (id_estabelecimento)
    references Estabelecimento (id_estabelecimento) on delete restrict on update restrict;

4.1.1.7.3 List of diagrams containing the reference possui

Name	Code

Name	Code
DER	PHYSICALDIAGRAM_1

4.1.1.7.4 List of reference joins of the reference possui

Parent Table Column	Child Table Column
id_estabelecimento	id_estabelecimento

4.1.1.7.5 List of extended attributes of the reference possui

Name	Data Type	Value	Target Name
ReferenceMatch	ReferenceMatchType		MySQL 5.0

4.2 Tables

4.2.1 Model level tables

4.2.1.1 List of tables

Name	Code
Avaliacoes	Avaliacoes
Credenciais	Credenciais
Estabelecimento	Estabelecimento
Feed	Feed
Login_Social	Login_Social
Usuario	Usuario

4.2.1.2 List of table columns

Name	Code
id_estabelecimento	id_estabelecimento
nome_estabelecimento	nome_estabelecimento
email_estabelecimento	email_estabelecimento
cnpj_estabelecimento	cnpj_estabelecimento
foto_perfil_estabelecimento	foto_perfil_estabelecimento
telefone_estabelecimento	telefone_estabelecimento
id_usuario	id_usuario
nome_usuario	nome_usuario
email_usuario	email_usuario
telefone_usuario	telefone_usuario
foto_perfil_usuario	foto_perfil_usuario
id_avaliacao	id_avaliacao
id_usuario	id_usuario
id_estabelecimento	id_estabelecimento
nota	nota
comentario_usuario	comentario_usuario
resposta_estabelecimento	resposta_estabelecimento
id_usuario	id_usuario
token_google	token_google
token_facebook	token_facebook
id_usuario	id_usuario
id_estabelecimento	id_estabelecimento
usuario	usuario
senha	senha
id_usuario	id_usuario
post	post
contagem_likes	contagem_likes

4.2.1.3 List of table keys

Name	Code	Table
Key_1	Key_1	Estabelecimento
Key_1	Key_1	Usuario
Key_1	Key_1	Avaliacoes

4.2.1.4 Table Avaliacoes

4.2.1.4.1 Card of table Avaliacoes

Name	Avaliacoes
Code	Avaliacoes
DBMS	MySQL 5.0

4.2.1.4.2 Check constraint name of the table Avaliacoes
TK_Avaliacoes

4.2.1.4.3 Server validation rule of the table Avaliacoes
%RULES%

4.2.1.4.4 Code preview of the table Avaliacoes
drop table if exists Avaliacoes;

```
/*==============================================================*/
/* Table: Avaliacoes                          */
/*==============================================================*/
create table Avaliacoes
(
   id_avaliacao        int not null,
   id_usuario          int not null,
   id_estabelecimento   int not null,
   nota               int,
   comentario_usuario  text,
   resposta_estabelecimento text
);

alter table Avaliacoes
   add primary key (id_avaliacao);

alter table Avaliacoes add constraint FK_possui foreign key (id_estabelecimento)
      references Estabelecimento (id_estabelecimento) on delete restrict on update restrict;

alter table Avaliacoes add constraint FK_possui foreign key (id_usuario)
      references Usuario (id_usuario) on delete restrict on update restrict;
```

4.2.1.4.5 List of diagrams containing the table Avaliacoes

Name	Code
DER	PHYSICALDIAGRAM_1

4.2.1.4.6 List of outgoing references of the table Avaliacoes

Name	Code	Foreign Key Columns
possui	possui	id_estabelecimento
possui	possui	id_usuario

4.2.1.4.7 List of all dependencies of the table Avaliacoes

Name	Code	Class Name
possui	possui	Reference
possui	possui	Reference

4.2.1.4.8 List of extended attributes of the table Avaliacoes

Name	Data Type	Value	Target Name
Temporary	(Boolean)	false	MySQL 5.0

4.2.1.4.9 List of columns of the table Avaliacoes

Name	Code
id_avaliacao	id_avaliacao
id_usuario	id_usuario
id_estabelecimento	id_estabelecimento
nota	nota
comentario_usuario	comentario_usuario
resposta_estabelecimento	resposta_estabelecimento

4.2.1.4.10 Column id_avaliacao of the table Avaliacoes

4.2.1.4.10.1 Card of the column id_avaliacao of the table Avaliacoes

Name	id_avaliacao
Code	id_avaliacao
Data Type	int
Mandatory	Yes

4.2.1.4.10.2 Check constraint name of the column id_avaliacao of the table Avaliacoes

CK_id_avaliacao

4.2.1.4.10.3 Check of the column id_avaliacao of the table Avaliacoes

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

4.2.1.4.10.4 Server validation rule of the column id_avaliacao of the table Avaliacoes

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

4.2.1.4.10.5 List of all dependencies of the table column id_avaliacao

Name	Code	Class Name
Key_1	Key_1	Key

4.2.1.4.10.6 List of extended attributes of the table column id_avaliacao

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

4.2.1.4.11 Column id_usuario of the table Avaliacoes

4.2.1.4.11.1 Card of the column id_usuario of the table Avaliacoes

Name	id_usuario
Code	id_usuario
Data Type	int

Mandatory	Yes

4.2.1.4.11.2 Check constraint name of the column id_usuario of the table Avaliacoes

CK_id_usuario

4.2.1.4.11.3 Check of the column id_usuario of the table Avaliacoes

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

4.2.1.4.11.4 Server validation rule of the column id_usuario of the table Avaliacoes

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

4.2.1.4.11.5 List of all dependencies of the table column id_usuario

Name	*Code*	*Class Name*
?	?	Reference Join

4.2.1.4.11.6 List of extended attributes of the table column id_usuario

Name	*Data Type*	*Value*	*Target Name*
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

4.2.1.4.12 Column id_estabelecimento of the table Avaliacoes

4.2.1.4.12.1 Card of the column id_estabelecimento of the table Avaliacoes

Name	id_estabelecimento
Code	id_estabelecimento
Data Type	int
Mandatory	Yes

4.2.1.4.12.2 Check constraint name of the column id_estabelecimento of the table Avaliacoes

CK_id_estabelecimento

4.2.1.4.12.3 Check of the column id_estabelecimento of the table Avaliacoes

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

4.2.1.4.12.4 Server validation rule of the column id_estabelecimento of the table Avaliacoes

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

4.2.1.4.12.5 List of all dependencies of the table column id_estabelecimento

Name	Code	Class Name
?	?	Reference Join

4.2.1.4.12.6 List of extended attributes of the table column id_estabelecimento

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

4.2.1.4.13 Column nota of the table Avaliacoes

4.2.1.4.13.1 Card of the column nota of the table Avaliacoes

Name	nota
Code	nota
Data Type	int
Mandatory	No

4.2.1.4.13.2 Check constraint name of the column nota of the table Avaliacoes

CK_nota

4.2.1.4.13.3 Check of the column nota of the table Avaliacoes

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

4.2.1.4.13.4 Server validation rule of the column nota of the table Avaliacoes

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

4.2.1.4.13.5 List of extended attributes of the table column nota

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

4.2.1.4.14 Column comentario_usuario of the table Avaliacoes

4.2.1.4.14.1 Card of the column comentario_usuario of the table Avaliacoes

Name	comentario_usuario
Code	comentario_usuario
Data Type	text
Mandatory	No

4.2.1.4.14.2 Check constraint name of the column comentario_usuario of the table Avaliacoes

CK_comentario_usuario

4.2.1.4.14.3 Check of the column comentario_usuario of the table Avaliacoes

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

4.2.1.4.14.4 Server validation rule of the column comentario_usuario of the table Avaliacoes

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

4.2.1.4.14.5 List of extended attributes of the table column comentario_usuario

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

4.2.1.4.15 Column resposta_estabelecimento of the table Avaliacoes

4.2.1.4.15.1 Card of the column resposta_estabelecimento of the table Avaliacoes

Name	resposta_estabelecimento
Code	resposta_estabelecimento
Data Type	text
Mandatory	No

4.2.1.4.15.2 Check constraint name of the column resposta_estabelecimento of the table Avaliacoes

CK_resposta_estabelecimento

4.2.1.4.15.3 Check of the column resposta_estabelecimento of the table Avaliacoes

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

4.2.1.4.15.4 Server validation rule of the column resposta_estabelecimento of the table Avaliacoes

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

4.2.1.4.15.5 List of extended attributes of the table column resposta_estabelecimento

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0

Name	Data Type	Value	Target Name
ZeroFill	(Boolean)	false	MySQL 5.0

4.2.1.4.16 List of keys of the table Avaliacoes

Name	Code	Primary
Key_1	Key_1	X

4.2.1.4.17 Key Key_1 of the table Avaliacoes

4.2.1.4.17.1 Card of the key Key_1 of the table Avaliacoes

Name	Key_1
Code	Key_1
Table	Avaliacoes

4.2.1.4.17.2 Code preview of the key Key_1 of the table Avaliacoes

alter table Avaliacoes
  add primary key (id_avaliacao);

4.2.1.4.17.3 List of columns of the table key Key_1

Name	Code
id_avaliacao	id_avaliacao

4.2.1.4.17.4 List of extended attributes of the table key Key_1

Name	Data Type	Value	Target Name
ExtUnique	(Boolean)	false	MySQL 5.0

4.2.1.5 Table Credenciais

4.2.1.5.1 Card of table Credenciais

Name	Credenciais
Code	Credenciais
DBMS	MySQL 5.0

4.2.1.5.2 Check constraint name of the table Credenciais

TK_Credenciais

4.2.1.5.3 Server validation rule of the table Credenciais

%RULES%

4.2.1.5.4 Code preview of the table Credenciais

drop table if exists Credenciais;

```
/*==============================================================*/
/* Table: Credenciais                    */
/*==============================================================*/
create table Credenciais
(
  id_usuario         int not null,
  id_estabelecimento   int not null,
  usuario          char(8),
  senha          varchar(12)
);

alter table Credenciais add constraint FK_possui foreign key (id_estabelecimento)
    references Estabelecimento (id_estabelecimento) on delete restrict on update restrict;
```

alter table Credenciais add constraint FK_possui foreign key (id_usuario)
    references Usuario (id_usuario) on delete restrict on update restrict;

4.2.1.5.5 List of diagrams containing the table Credenciais

Name	Code
DER	PHYSICALDIAGRAM_1

4.2.1.5.6 List of outgoing references of the table Credenciais

Name	Code	Foreign Key Columns
possui	possui	id_estabelecimento
possui	possui	id_usuario

4.2.1.5.7 List of all dependencies of the table Credenciais

Name	Code	Class Name
possui	possui	Reference
possui	possui	Reference

4.2.1.5.8 List of extended attributes of the table Credenciais

Name	Data Type	Value	Target Name
Temporary	(Boolean)	false	MySQL 5.0

4.2.1.5.9 List of columns of the table Credenciais

Name	Code
id_usuario	id_usuario
id_estabelecimento	id_estabelecimento
usuario	usuario
senha	senha

4.2.1.5.10 Column id_usuario of the table Credenciais

4.2.1.5.10.1 Card of the column id_usuario of the table Credenciais

Name	id_usuario
Code	id_usuario
Data Type	int
Mandatory	Yes

4.2.1.5.10.2 Check constraint name of the column id_usuario of the table Credenciais

CK_id_usuario

4.2.1.5.10.3 Check of the column id_usuario of the table Credenciais

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

4.2.1.5.10.4 Server validation rule of the column id_usuario of the table Credenciais

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

4.2.1.5.10.5 List of all dependencies of the table column id_usuario

Name	Code	Class Name
?	?	Reference Join

4.2.1.5.10.6 List of extended attributes of the table column id_usuario

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

4.2.1.5.11 Column id_estabelecimento of the table Credenciais

4.2.1.5.11.1 Card of the column id_estabelecimento of the table Credenciais

Name	id_estabelecimento
Code	id_estabelecimento
Data Type	int
Mandatory	Yes

4.2.1.5.11.2 Check constraint name of the column id_estabelecimento of the table Credenciais

CK_id_estabelecimento

4.2.1.5.11.3 Check of the column id_estabelecimento of the table Credenciais

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

4.2.1.5.11.4 Server validation rule of the column id_estabelecimento of the table Credenciais

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

4.2.1.5.11.5 List of all dependencies of the table column id_estabelecimento

Name	Code	Class Name
?	?	Reference Join

4.2.1.5.11.6 List of extended attributes of the table column id_estabelecimento

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

4.2.1.5.12 Column usuario of the table Credenciais

4.2.1.5.12.1 Card of the column usuario of the table Credenciais

Name	usuario

Code	usuario
Data Type	char(8)
Mandatory	No

4.2.1.5.12.2 Check constraint name of the column usuario of the table Credenciais

CK_usuario

4.2.1.5.12.3 Check of the column usuario of the table Credenciais

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

4.2.1.5.12.4 Server validation rule of the column usuario of the table Credenciais

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

4.2.1.5.12.5 List of extended attributes of the table column usuario

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

4.2.1.5.13 Column senha of the table Credenciais

4.2.1.5.13.1 Card of the column senha of the table Credenciais

Name	senha
Code	senha
Data Type	varchar(12)
Mandatory	No

4.2.1.5.13.2 Check constraint name of the column senha of the table Credenciais

CK_senha

4.2.1.5.13.3 Check of the column senha of the table Credenciais

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

4.2.1.5.13.4 Server validation rule of the column senha of the table Credenciais

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

4.2.1.5.13.5 List of extended attributes of the table column senha

Name	Data Type	Value	Target Name

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

4.2.1.6 Table Estabelecimento

4.2.1.6.1 Card of table Estabelecimento

Name	Estabelecimento
Code	Estabelecimento
DBMS	MySQL 5.0

4.2.1.6.2 Check constraint name of the table Estabelecimento

TK_Estabelecimento

4.2.1.6.3 Server validation rule of the table Estabelecimento

%RULES%

4.2.1.6.4 Code preview of the table Estabelecimento

drop table if exists Estabelecimento;

```
/*==============================================================*/
/* Table: Estabelecimento                       */
/*==============================================================*/
create table Estabelecimento
(
   id_estabelecimento   int not null,
   nome_estabelecimento text,
   email_estabelecimento text,
   cnpj_estabelecimento int,
   foto_perfil_estabelecimento longblob,
   telefone_estabelecimento int
);

alter table Estabelecimento
   add primary key (id_estabelecimento);

alter table Avaliacoes add constraint FK_possui foreign key (id_estabelecimento)
      references Estabelecimento (id_estabelecimento) on delete restrict on update restrict;

alter table Credenciais add constraint FK_possui foreign key (id_estabelecimento)
      references Estabelecimento (id_estabelecimento) on delete restrict on update restrict;
```

4.2.1.6.5 List of diagrams containing the table Estabelecimento

Name	Code
DER	PHYSICALDIAGRAM_1

4.2.1.6.6 List of incoming references of the table Estabelecimento

Name	Code
possui	possui
possui	possui

Name	Code	Class Name
possui	possui	Reference
possui	possui	Reference

4.2.1.6.8 List of extended attributes of the table Estabelecimento

Name	Data Type	Value	Target Name
Temporary	(Boolean)	false	MySQL 5.0

4.2.1.6.9 List of columns of the table Estabelecimento

Name	Code
id_estabelecimento	id_estabelecimento
nome_estabelecimento	nome_estabelecimento
email_estabelecimento	email_estabelecimento
cnpj_estabelecimento	cnpj_estabelecimento
foto_perfil_estabelecimento	foto_perfil_estabelecimento
telefone_estabelecimento	telefone_estabelecimento

4.2.1.6.10 Column id_estabelecimento of the table Estabelecimento

4.2.1.6.10.1 Card of the column id_estabelecimento of the table Estabelecimento

Name	id_estabelecimento
Code	id_estabelecimento
Data Type	int
Mandatory	Yes

4.2.1.6.10.2 Check constraint name of the column id_estabelecimento of the table Estabelecimento

CK_id_estabelecimento

4.2.1.6.10.3 Check of the column id_estabelecimento of the table Estabelecimento

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

4.2.1.6.10.4 Server validation rule of the column id_estabelecimento of the table Estabelecimento

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

4.2.1.6.10.5 List of all dependencies of the table column id_estabelecimento

Name	Code	Class Name
?	?	Reference Join
?	?	Reference Join
Key_1	Key_1	Key

4.2.1.6.10.6 List of extended attributes of the table column id_estabelecimento

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0

Name	Data Type	Value	Target Name
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

4.2.1.6.11 Column nome_estabelecimento of the table Estabelecimento

4.2.1.6.11.1 Card of the column nome_estabelecimento of the table Estabelecimento

Name	nome_estabelecimento
Code	nome_estabelecimento
Data Type	text
Mandatory	No

4.2.1.6.11.2 Check constraint name of the column nome_estabelecimento of the table Estabelecimento

CK_nome_estabelecimento

4.2.1.6.11.3 Check of the column nome_estabelecimento of the table Estabelecimento

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

4.2.1.6.11.4 Server validation rule of the column nome_estabelecimento of the table Estabelecimento

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

4.2.1.6.11.5 List of extended attributes of the table column nome_estabelecimento

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

4.2.1.6.12 Column email_estabelecimento of the table Estabelecimento

4.2.1.6.12.1 Card of the column email_estabelecimento of the table Estabelecimento

Name	email_estabelecimento
Code	email_estabelecimento
Data Type	text
Mandatory	No

4.2.1.6.12.2 Check constraint name of the column email_estabelecimento of the table Estabelecimento

CK_email_estabelecimento

4.2.1.6.12.3 Check of the column email_estabelecimento of the table Estabelecimento

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	

Cannot Modify	No
List Of Values	

4.2.1.6.12.4 Server validation rule of the column email_estabelecimento of the table Estabelecimento

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

4.2.1.6.12.5 List of extended attributes of the table column email_estabelecimento

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

4.2.1.6.13 Column cnpj_estabelecimento of the table Estabelecimento

4.2.1.6.13.1 Card of the column cnpj_estabelecimento of the table Estabelecimento

Name	cnpj_estabelecimento
Code	cnpj_estabelecimento
Data Type	int
Mandatory	No

4.2.1.6.13.2 Check constraint name of the column cnpj_estabelecimento of the table Estabelecimento

CK_cnpj_estabelecimento

4.2.1.6.13.3 Check of the column cnpj_estabelecimento of the table Estabelecimento

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

4.2.1.6.13.4 Server validation rule of the column cnpj_estabelecimento of the table Estabelecimento

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

4.2.1.6.13.5 List of extended attributes of the table column cnpj_estabelecimento

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

4.2.1.6.14 Column foto_perfil_estabelecimento of the table Estabelecimento

4.2.1.6.14.1 Card of the column foto_perfil_estabelecimento of the table Estabelecimento

Name	foto_perfil_estabelecimento
Code	foto_perfil_estabelecimento
Data Type	longblob
Mandatory	No

4.2.1.6.14.2 Check constraint name of the column foto_perfil_estabelecimento of the table Estabelecimento

CK_foto_perfil_estabelecimento

4.2.1.6.14.3 Check of the column foto_perfil_estabelecimento of the table Estabelecimento

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

4.2.1.6.14.4 Server validation rule of the column foto_perfil_estabelecimento of the table Estabelecimento

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

4.2.1.6.14.5 List of extended attributes of the table column foto_perfil_estabelecimento

Name	*Data Type*	*Value*	*Target Name*
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

4.2.1.6.15 Column telefone_estabelecimento of the table Estabelecimento

4.2.1.6.15.1 Card of the column telefone_estabelecimento of the table Estabelecimento

Name	telefone_estabelecimento
Code	telefone_estabelecimento
Data Type	int
Mandatory	No

4.2.1.6.15.2 Check constraint name of the column telefone_estabelecimento of the table Estabelecimento

CK_telefone_estabelecimento

4.2.1.6.15.3 Check of the column telefone_estabelecimento of the table Estabelecimento

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

4.2.1.6.15.4 Server validation rule of the column telefone_estabelecimento of the table Estabelecimento

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

4.2.1.6.15.5 List of extended attributes of the table column telefone_estabelecimento

Name	*Data Type*	*Value*	*Target Name*
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0

Name	Data Type	Value	Target Name
ZeroFill	(Boolean)	false	MySQL 5.0

4.2.1.6.16 List of keys of the table Estabelecimento

Name	Code	Primary
Key_1	Key_1	X

4.2.1.6.17 Key Key_1 of the table Estabelecimento

4.2.1.6.17.1 Card of the key Key_1 of the table Estabelecimento

Name	Key_1
Code	Key_1
Table	Estabelecimento

4.2.1.6.17.2 Code preview of the key Key_1 of the table Estabelecimento

alter table Estabelecimento
  add primary key (id_estabelecimento);

alter table Avaliacoes add constraint FK_possui foreign key (id_estabelecimento)
    references Estabelecimento (id_estabelecimento) on delete restrict on update restrict;

alter table Credenciais add constraint FK_possui foreign key (id_estabelecimento)
    references Estabelecimento (id_estabelecimento) on delete restrict on update restrict;

4.2.1.6.17.3 List of columns of the table key Key_1

Name	Code
id_estabelecimento	id_estabelecimento

4.2.1.6.17.4 List of all dependencies of the table key Key_1

Name	Code	Class Name
possui	possui	Reference
possui	possui	Reference

4.2.1.6.17.5 List of extended attributes of the table key Key_1

Name	Data Type	Value	Target Name
ExtUnique	(Boolean)	false	MySQL 5.0

4.2.1.7 Table Feed

4.2.1.7.1 Card of table Feed

Name	Feed
Code	Feed
DBMS	MySQL 5.0

4.2.1.7.2 Check constraint name of the table Feed

TK_Feed

4.2.1.7.3 Server validation rule of the table Feed

%RULES%

4.2.1.7.4 Code preview of the table Feed

drop table if exists Feed;

/*==*/

/* Table: Feed   */
/*==*/
create table Feed
(
  id_usuario   int not null,
  post   longtext,
  contagem_likes   int
);

alter table Feed add constraint FK_possui foreign key (id_usuario)
     references Usuario (id_usuario) on delete restrict on update restrict;

4.2.1.7.5 List of diagrams containing the table Feed

Name	Code
DER	PHYSICALDIAGRAM_1

4.2.1.7.6 List of outgoing references of the table Feed

Name	Code	Foreign Key Columns
possui	possui	id_usuario

4.2.1.7.7 List of all dependencies of the table Feed

Name	Code	Class Name
possui	possui	Reference

4.2.1.7.8 List of extended attributes of the table Feed

Name	Data Type	Value	Target Name
Temporary	(Boolean)	false	MySQL 5.0

4.2.1.7.9 List of columns of the table Feed

Name	Code
id_usuario	id_usuario
post	post
contagem_likes	contagem_likes

4.2.1.7.10 Column id_usuario of the table Feed

4.2.1.7.10.1 Card of the column id_usuario of the table Feed

Name	id_usuario
Code	id_usuario
Data Type	int
Mandatory	Yes

4.2.1.7.10.2 Check constraint name of the column id_usuario of the table Feed

CK_id_usuario

4.2.1.7.10.3 Check of the column id_usuario of the table Feed

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

4.2.1.7.10.4 Server validation rule of the column id_usuario of the table Feed

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

4.2.1.7.10.5 List of all dependencies of the table column id_usuario

Name	Code	Class Name
?	?	Reference Join

4.2.1.7.10.6 List of extended attributes of the table column id_usuario

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

4.2.1.7.11 Column post of the table Feed

4.2.1.7.11.1 Card of the column post of the table Feed

Name	post
Code	post
Data Type	longtext
Mandatory	No

4.2.1.7.11.2 Check constraint name of the column post of the table Feed

CK_post

4.2.1.7.11.3 Check of the column post of the table Feed

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

4.2.1.7.11.4 Server validation rule of the column post of the table Feed

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

4.2.1.7.11.5 List of extended attributes of the table column post

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

4.2.1.7.12 Column contagem_likes of the table Feed

4.2.1.7.12.1 Card of the column contagem_likes of the table Feed

Name	contagem_likes
Code	contagem_likes
Data Type	int

Mandatory	No

4.2.1.7.12.2 Check constraint name of the column contagem_likes of the table Feed

CK_contagem_likes

4.2.1.7.12.3 Check of the column contagem_likes of the table Feed

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

4.2.1.7.12.4 Server validation rule of the column contagem_likes of the table Feed

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

4.2.1.7.12.5 List of extended attributes of the table column contagem_likes

Name	*Data Type*	*Value*	*Target Name*
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

4.2.1.8 Table Login_Social

4.2.1.8.1 Card of table Login_Social

Name	Login_Social
Code	Login_Social
DBMS	MySQL 5.0

4.2.1.8.2 Check constraint name of the table Login_Social

TK_Login_Social

4.2.1.8.3 Server validation rule of the table Login_Social

%RULES%

4.2.1.8.4 Code preview of the table Login_Social

drop table if exists Login_Social;

```
/*==============================================================*/
/* Table: Login_Social                      */
/*==============================================================*/
create table Login_Social
(
   id_usuario         int not null,
   token_google       longtext,
   token_facebook     longtext
);

alter table Login_Social add constraint FK_possui foreign key (id_usuario)
      references Usuario (id_usuario) on delete restrict on update restrict;
```

4.2.1.8.5 List of diagrams containing the table Login_Social

Name	Code
DER	PHYSICALDIAGRAM_1

4.2.1.8.6 List of outgoing references of the table Login_Social

Name	Code	Foreign Key Columns
possui	possui	id_usuario

4.2.1.8.7 List of all dependencies of the table Login_Social

Name	Code	Class Name
possui	possui	Reference

4.2.1.8.8 List of extended attributes of the table Login_Social

Name	Data Type	Value	Target Name
Temporary	(Boolean)	false	MySQL 5.0

4.2.1.8.9 List of columns of the table Login_Social

Name	Code
id_usuario	id_usuario
token_google	token_google
token_facebook	token_facebook

4.2.1.8.10 Column id_usuario of the table Login_Social

4.2.1.8.10.1 Card of the column id_usuario of the table Login_Social

Name	id_usuario
Code	id_usuario
Data Type	int
Mandatory	Yes

4.2.1.8.10.2 Check constraint name of the column id_usuario of the table Login_Social

CK_id_usuario

4.2.1.8.10.3 Check of the column id_usuario of the table Login_Social

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

4.2.1.8.10.4 Server validation rule of the column id_usuario of the table Login_Social

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

4.2.1.8.10.5 List of all dependencies of the table column id_usuario

Name	Code	Class Name
?	?	Reference Join

4.2.1.8.10.6 List of extended attributes of the table column id_usuario

Name	Data Type	Value	Target Name

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

4.2.1.8.11 Column token_google of the table Login_Social

4.2.1.8.11.1 Card of the column token_google of the table Login_Social

Name	token_google
Code	token_google
Data Type	longtext
Mandatory	No

4.2.1.8.11.2 Check constraint name of the column token_google of the table Login_Social

CK_token_google

4.2.1.8.11.3 Check of the column token_google of the table Login_Social

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

4.2.1.8.11.4 Server validation rule of the column token_google of the table Login_Social

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

4.2.1.8.11.5 List of extended attributes of the table column token_google

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

4.2.1.8.12 Column token_facebook of the table Login_Social

4.2.1.8.12.1 Card of the column token_facebook of the table Login_Social

Name	token_facebook
Code	token_facebook
Data Type	longtext
Mandatory	No

4.2.1.8.12.2 Check constraint name of the column token_facebook of the table Login_Social

CK_token_facebook

4.2.1.8.12.3 Check of the column token_facebook of the table Login_Social

Minimum Value	
Maximum Value	

Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

4.2.1.8.12.4 Server validation rule of the column token_facebook of the table Login_Social

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

4.2.1.8.12.5 List of extended attributes of the table column token_facebook

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

4.2.1.9 Table Usuario

4.2.1.9.1 Card of table Usuario

Name	Usuario
Code	Usuario
DBMS	MySQL 5.0

4.2.1.9.2 Check constraint name of the table Usuario

TK_Usuario

4.2.1.9.3 Server validation rule of the table Usuario

%RULES%

4.2.1.9.4 Code preview of the table Usuario

drop table if exists Usuario;

```
/*==============================================================*/
/* Table: Usuario                        */
/*==============================================================*/
create table Usuario
(
   id_usuario          int not null,
   nome_usuario        text,
   email_usuario       text,
   telefone_usuario    int,
   foto_perfil_usuario  longblob
);

alter table Usuario
   add primary key (id_usuario);

alter table Avaliacoes add constraint FK_possui foreign key (id_usuario)
      references Usuario (id_usuario) on delete restrict on update restrict;

alter table Credenciais add constraint FK_possui foreign key (id_usuario)
      references Usuario (id_usuario) on delete restrict on update restrict;

alter table Feed add constraint FK_possui foreign key (id_usuario)
      references Usuario (id_usuario) on delete restrict on update restrict;
```

alter table Login_Social add constraint FK_possui foreign key (id_usuario)
    references Usuario (id_usuario) on delete restrict on update restrict;

4.2.1.9.5 List of diagrams containing the table Usuario

Name	Code
DER	PHYSICALDIAGRAM_1

4.2.1.9.6 List of incoming references of the table Usuario

Name	Code
possui	possui
possui	possui
possui	possui
possui	possui

4.2.1.9.7 List of all dependencies of the table Usuario

Name	Code	Class Name
possui	possui	Reference
possui	possui	Reference
possui	possui	Reference
possui	possui	Reference

4.2.1.9.8 List of extended attributes of the table Usuario

Name	Data Type	Value	Target Name
Temporary	(Boolean)	false	MySQL 5.0

4.2.1.9.9 List of columns of the table Usuario

Name	Code
id_usuario	id_usuario
nome_usuario	nome_usuario
email_usuario	email_usuario
telefone_usuario	telefone_usuario
foto_perfil_usuario	foto_perfil_usuario

4.2.1.9.10 Column id_usuario of the table Usuario

4.2.1.9.10.1 Card of the column id_usuario of the table Usuario

Name	id_usuario
Code	id_usuario
Data Type	int
Mandatory	Yes

4.2.1.9.10.2 Check constraint name of the column id_usuario of the table Usuario

CK_id_usuario

4.2.1.9.10.3 Check of the column id_usuario of the table Usuario

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No

List Of Values	

4.2.1.9.10.4 Server validation rule of the column id_usuario of the table Usuario

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

4.2.1.9.10.5 List of all dependencies of the table column id_usuario

Name	*Code*	*Class Name*
?	?	Reference Join
?	?	Reference Join
?	?	Reference Join
?	?	Reference Join
Key_1	Key_1	Key

4.2.1.9.10.6 List of extended attributes of the table column id_usuario

Name	*Data Type*	*Value*	*Target Name*
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

4.2.1.9.11 Column nome_usuario of the table Usuario

4.2.1.9.11.1 Card of the column nome_usuario of the table Usuario

Name	nome_usuario
Code	nome_usuario
Data Type	text
Mandatory	No

4.2.1.9.11.2 Check constraint name of the column nome_usuario of the table Usuario

CK_nome_usuario

4.2.1.9.11.3 Check of the column nome_usuario of the table Usuario

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

4.2.1.9.11.4 Server validation rule of the column nome_usuario of the table Usuario

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

4.2.1.9.11.5 List of extended attributes of the table column nome_usuario

Name	*Data Type*	*Value*	*Target Name*
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

4.2.1.9.12 Column email_usuario of the table Usuario

4.2.1.9.12.1 Card of the column email_usuario of the table Usuario

Name	email_usuario
Code	email_usuario
Data Type	text
Mandatory	No

4.2.1.9.12.2 Check constraint name of the column email_usuario of the table Usuario

CK_email_usuario

4.2.1.9.12.3 Check of the column email_usuario of the table Usuario

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

4.2.1.9.12.4 Server validation rule of the column email_usuario of the table Usuario

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

4.2.1.9.12.5 List of extended attributes of the table column email_usuario

Name	*Data Type*	*Value*	*Target Name*
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

4.2.1.9.13 Column telefone_usuario of the table Usuario

4.2.1.9.13.1 Card of the column telefone_usuario of the table Usuario

Name	telefone_usuario
Code	telefone_usuario
Data Type	int
Mandatory	No

4.2.1.9.13.2 Check constraint name of the column telefone_usuario of the table Usuario

CK_telefone_usuario

4.2.1.9.13.3 Check of the column telefone_usuario of the table Usuario

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

4.2.1.9.13.4 Server validation rule of the column telefone_usuario of the table Usuario

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

4.2.1.9.13.5 List of extended attributes of the table column telefone_usuario

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

4.2.1.9.14 Column foto_perfil_usuario of the table Usuario

4.2.1.9.14.1 Card of the column foto_perfil_usuario of the table Usuario

Name	foto_perfil_usuario
Code	foto_perfil_usuario
Data Type	longblob
Mandatory	No

4.2.1.9.14.2 Check constraint name of the column foto_perfil_usuario of the table Usuario

CK_foto_perfil_usuario

4.2.1.9.14.3 Check of the column foto_perfil_usuario of the table Usuario

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

4.2.1.9.14.4 Server validation rule of the column foto_perfil_usuario of the table Usuario

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

4.2.1.9.14.5 List of extended attributes of the table column foto_perfil_usuario

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

4.2.1.9.15 List of keys of the table Usuario

Name	Code	Primary
Key_1	Key_1	X

4.2.1.9.16 Key Key_1 of the table Usuario

4.2.1.9.16.1 Card of the key Key_1 of the table Usuario

Name	Key_1
Code	Key_1
Table	Usuario

4.2.1.9.16.2 Code preview of the key Key_1 of the table Usuario

alter table Usuario
  add primary key (id_usuario);

alter table Avaliacoes add constraint FK_possui foreign key (id_usuario)
    references Usuario (id_usuario) on delete restrict on update restrict;

alter table Credenciais add constraint FK_possui foreign key (id_usuario)
    references Usuario (id_usuario) on delete restrict on update restrict;

alter table Feed add constraint FK_possui foreign key (id_usuario)
    references Usuario (id_usuario) on delete restrict on update restrict;

alter table Login_Social add constraint FK_possui foreign key (id_usuario)
    references Usuario (id_usuario) on delete restrict on update restrict;

4.2.1.9.16.3 List of columns of the table key Key_1

Name	Code
id_usuario	id_usuario

4.2.1.9.16.4 List of all dependencies of the table key Key_1

Name	Code	Class Name
possui	possui	Reference
possui	possui	Reference
possui	possui	Reference
possui	possui	Reference

4.2.1.9.16.5 List of extended attributes of the table key Key_1

Name	Data Type	Value	Target Name
ExtUnique	(Boolean)	false	MySQL 5.0