

<b>Report</b>
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IREMAR  
4/27/2021

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**1 Specifications**

Include specifications here...

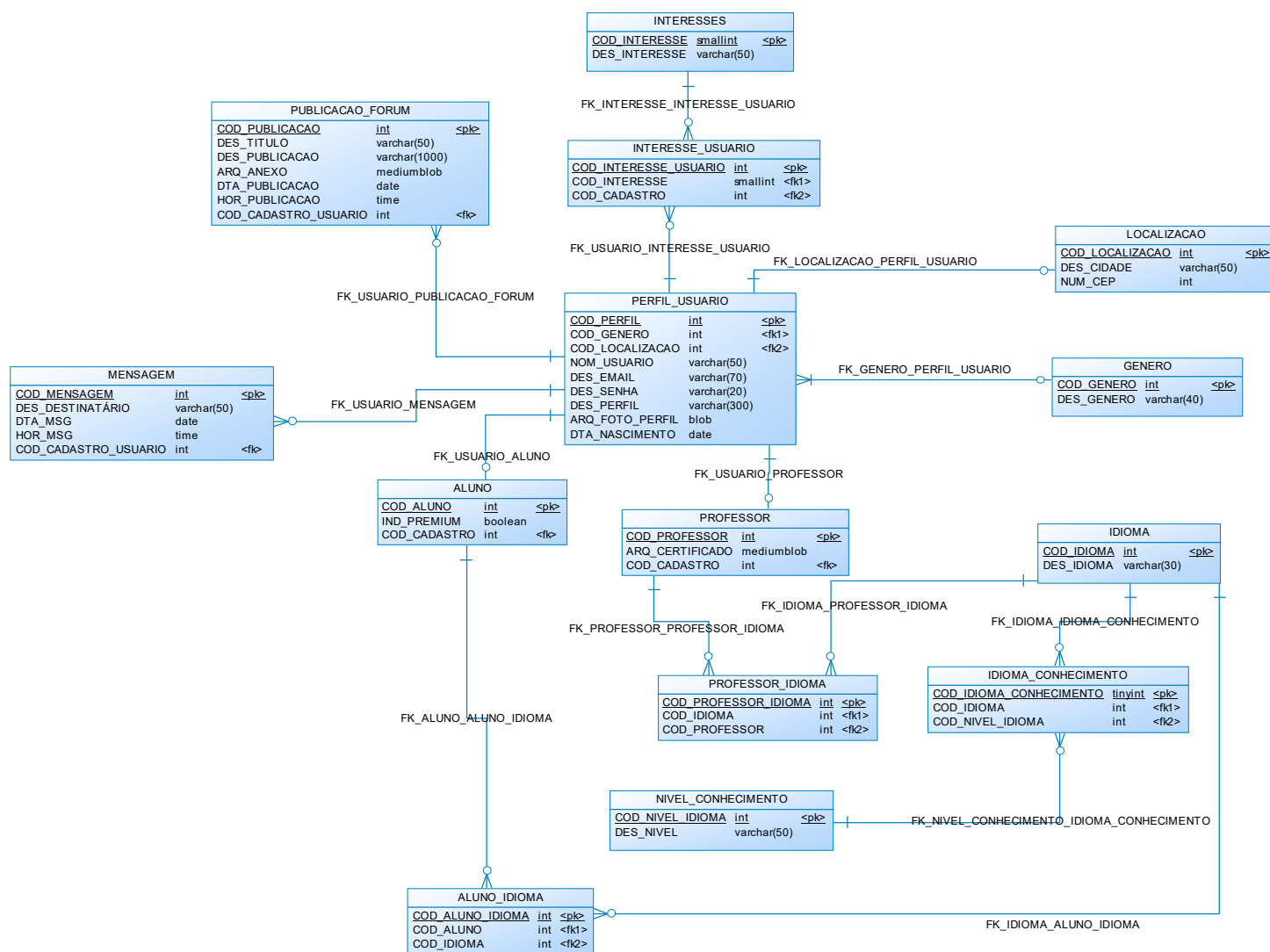
**2 Model information****2.1 Card of model DER**

<i>Name</i>	DER
<i>Code</i>	PHYSICALDATAMODEL_1
<i>Comment</i>	
<i>DBMS</i>	MySQL 5.0
<i>Database</i>	<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
FK_ALUNO_ALUNO_IDIOMA	Reference_15	ALUNO	ALUNO_IDIOMA
FK_GENERO_PERFIL_USUARIO	Reference_12	GENERO	PERFIL_USUARIO
FK_IDIOMA_ALUNO_IDIOMA	Reference_16	IDIOMA	ALUNO_IDIOMA
FK_IDIOMA_IDIOMA_CONHECIMENTO	Reference_13	IDIOMA	IDIOMA_CONHECIMENTO
FK_IDIOMA_PROFESSOR_IDIOMA	FK_IDIOMA_PROFESSOR_IDIOMA	IDIOMA	PROFESSOR_IDIOMA
FK_INTERESSE_INTERESSE_USUARIO	FK_INTERESSE_INTERESSE_USUARIO	INTERESSES	INTERESSE_USUARIO
FK_LOCALIZACAO_PERFIL_USUARIO	FK_LOCALIZACAO_PERFIL_USUARIO	LOCALIZACAO	PERFIL_USUARIO
FK_NIVEL_CONHECIMENTO_IDIOMA_CONHECIMENTO	Reference_14	NIVEL_CONHECIMENTO	IDIOMA_CONHECIMENTO
FK_PROFESSOR_PROFESSOR_IDIOMA	FK_PROFESSOR_PROFESSOR_IDIOMA	PROFESSOR	PROFESSOR_IDIOMA
FK_USUARIO_ALUNO	FK_USUARIO_ALUNO	PERFIL_USUARIO	ALUNO
FK_USUARIO_INTERESSE_USUARIO	FK_USUARIO_INTERESSE_USUARIO	PERFIL_USUARIO	INTERESSE_USUARIO
FK_USUARIO_MENSAGEM	FK_USUARIO_MENSAGEM	PERFIL_USUARIO	MENSAGEM
FK_USUARIO_PROFESSOR	FK_USUARIO_PROFESSOR	PERFIL_USUARIO	PROFESSOR
FK_USUARIO_PUBLICACAO_FORUM	FK_USUARIO_PUBLICACAO_FORUM	PERFIL_USUARIO	PUBLICACAO_FORUM

##### 4.1.1.2 Reference FK ALUNO ALUNO IDIOMA

###### 4.1.1.2.1 Card of reference FK ALUNO ALUNO IDIOMA

Name	FK_ALUNO_ALUNO_IDIOMA
Code	Reference_15
Parent Table	ALUNO
Child Table	ALUNO_IDIOMA

###### 4.1.1.2.2 Code preview of the reference FK ALUNO ALUNO IDIOMA

```
alter table ALUNO_IDIOMA add constraint FK_ALUNO_ALUNO_IDIOMA foreign key (COD_ALUNO)
references ALUNO (COD_ALUNO) on delete restrict on update restrict;
```

###### 4.1.1.2.3 List of diagrams containing the reference FK ALUNO ALUNO IDIOMA

Name	Code
DER	PHYSICALDIAGRAM_1

**4.1.1.2.4 List of reference joins of the reference FK ALUNO ALUNO IDIOMA**

<i>Parent Table Column</i>	<i>Child Table Column</i>
COD_ALUNO	COD_ALUNO

**4.1.1.2.5 List of extended attributes of the reference FK ALUNO ALUNO IDIOMA**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ReferenceMatch	ReferenceMatchType		MySQL 5.0

**4.1.1.3 Reference FK GENERO PERFIL USUARIO****4.1.1.3.1 Card of reference FK GENERO PERFIL USUARIO**

<i>Name</i>	FK_GENERO_PERFIL_USUARIO
<i>Code</i>	Reference_12
<i>Parent Table</i>	GENERO
<i>Child Table</i>	PERFIL_USUARIO

**4.1.1.3.2 Code preview of the reference FK GENERO PERFIL USUARIO**

alter table PERFIL\_USUARIO add constraint FK\_GENERO\_PERFIL\_USUARIO foreign key (COD\_GENERO)  
references GENERO (COD\_GENERO) on delete restrict on update restrict;

**4.1.1.3.3 List of diagrams containing the reference FK GENERO PERFIL USUARIO**

<i>Name</i>	<i>Code</i>
DER	PHYSICALDIAGRAM_1

**4.1.1.3.4 List of reference joins of the reference FK GENERO PERFIL USUARIO**

<i>Parent Table Column</i>	<i>Child Table Column</i>
COD_GENERO	COD_GENERO

**4.1.1.3.5 List of extended attributes of the reference FK GENERO PERFIL USUARIO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ReferenceMatch	ReferenceMatchType		MySQL 5.0

**4.1.1.4 Reference FK IDIOMA ALUNO IDIOMA****4.1.1.4.1 Card of reference FK IDIOMA ALUNO IDIOMA**

<i>Name</i>	FK_IDIOMA_ALUNO_IDIOMA
<i>Code</i>	Reference_16
<i>Parent Table</i>	IDIOMA
<i>Child Table</i>	ALUNO_IDIOMA

**4.1.1.4.2 Code preview of the reference FK IDIOMA ALUNO IDIOMA**

alter table ALUNO\_IDIOMA add constraint FK\_IDIOMA\_ALUNO\_IDIOMA foreign key (COD\_IDIOMA)  
references IDIOMA (COD\_IDIOMA) on delete restrict on update restrict;

**4.1.1.4.3 List of diagrams containing the reference FK IDIOMA ALUNO IDIOMA**

<i>Name</i>	<i>Code</i>
DER	PHYSICALDIAGRAM_1

<i>Parent Table Column</i>	<i>Child Table Column</i>
COD_IDIOMA	COD_IDIOMA

**4.1.1.4.5 List of extended attributes of the reference FK IDIOMA ALUNO IDIOMA**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ReferenceMatch	ReferenceMatchType		MySQL 5.0

**4.1.1.5 Reference FK IDIOMA IDIOMA CONHECIMENTO****4.1.1.5.1 Card of reference FK IDIOMA IDIOMA CONHECIMENTO**

<i>Name</i>	FK_IDIOMA_IDIOMA_CONHECIMENTO
<i>Code</i>	Reference_13
<i>Parent Table</i>	IDIOMA
<i>Child Table</i>	IDIOMA_CONHECIMENTO

**4.1.1.5.2 Code preview of the reference FK IDIOMA IDIOMA CONHECIMENTO**

alter table IDIOMA\_CONHECIMENTO add constraint FK\_IDIOMA\_IDIOMA\_CONHECIMENTO foreign key (COD\_IDIOMA) references IDIOMA (COD\_IDIOMA) on delete restrict on update restrict;

**4.1.1.5.3 List of diagrams containing the reference FK IDIOMA IDIOMA CONHECIMENTO**

<i>Name</i>	<i>Code</i>
DER	PHYSICALDIAGRAM_1

**4.1.1.5.4 List of reference joins of the reference FK IDIOMA IDIOMA CONHECIMENTO**

<i>Parent Table Column</i>	<i>Child Table Column</i>
COD_IDIOMA	COD_IDIOMA

**4.1.1.5.5 List of extended attributes of the reference FK IDIOMA IDIOMA CONHECIMENTO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ReferenceMatch	ReferenceMatchType		MySQL 5.0

**4.1.1.6 Reference FK IDIOMA PROFESSOR IDIOMA****4.1.1.6.1 Card of reference FK IDIOMA PROFESSOR IDIOMA**

<i>Name</i>	FK_IDIOMA_PROFESSOR_IDIOMA
<i>Code</i>	FK_IDIOMA_PROFESSOR_IDIOMA
<i>Parent Table</i>	IDIOMA
<i>Child Table</i>	PROFESSOR_IDIOMA

**4.1.1.6.2 Code preview of the reference FK IDIOMA PROFESSOR IDIOMA**

alter table PROFESSOR\_IDIOMA add constraint FK\_IDIOMA\_PERFIL\_PROFESSOR\_IDIOMA foreign key (COD\_IDIOMA) references IDIOMA (COD\_IDIOMA) on delete restrict on update restrict;

**4.1.1.6.3 List of diagrams containing the reference FK IDIOMA PROFESSOR IDIOMA**

<i>Name</i>	<i>Code</i>
DER	PHYSICALDIAGRAM_1

**4.1.1.6.4 List of reference joins of the reference FK IDIOMA PROFESSOR IDIOMA**

<i>Parent Table Column</i>	<i>Child Table Column</i>
----------------------------	---------------------------



<i>Parent Table Column</i>	<i>Child Table Column</i>
COD_IDIOMA	COD_IDIOMA

#### 4.1.1.6.5 List of extended attributes of the reference FK\_IDIOMA\_PROFESSOR\_IDIOMA

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ReferenceMatch	ReferenceMatchType		MySQL 5.0

#### 4.1.1.7 Reference FK\_INTERESSE\_INTERESSE\_USUARIO

##### 4.1.1.7.1 Card of reference FK\_INTERESSE\_INTERESSE\_USUARIO

<i>Name</i>	FK_INTERESSE_INTERESSE_USUARIO
<i>Code</i>	FK_INTERESSE_INTERESSE_USUARIO
<i>Parent Table</i>	INTERESSES
<i>Child Table</i>	INTERESSE_USUARIO

##### 4.1.1.7.2 Code preview of the reference FK\_INTERESSE\_INTERESSE\_USUARIO

alter table INTERESSE\_USUARIO add constraint FK\_INTERESSE\_INTERESSE\_USUARIO foreign key (COD\_INTERESSE) references INTERESSES (COD\_INTERESSE) on delete restrict on update restrict;

##### 4.1.1.7.3 List of diagrams containing the reference FK\_INTERESSE\_INTERESSE\_USUARIO

<i>Name</i>	<i>Code</i>
DER	PHYSICALDIAGRAM_1

##### 4.1.1.7.4 List of reference joins of the reference FK\_INTERESSE\_INTERESSE\_USUARIO

<i>Parent Table Column</i>	<i>Child Table Column</i>
COD_INTERESSE	COD_INTERESSE

##### 4.1.1.7.5 List of extended attributes of the reference FK\_INTERESSE\_INTERESSE\_USUARIO

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ReferenceMatch	ReferenceMatchType		MySQL 5.0

#### 4.1.1.8 Reference FK\_LOCALIZACAO\_PERFIL\_USUARIO

##### 4.1.1.8.1 Card of reference FK\_LOCALIZACAO\_PERFIL\_USUARIO

<i>Name</i>	FK_LOCALIZACAO_PERFIL_USUARIO
<i>Code</i>	FK_LOCALIZACAO_PERFIL_USUARIO
<i>Parent Table</i>	LOCALIZACAO
<i>Child Table</i>	PERFIL_USUARIO

##### 4.1.1.8.2 Code preview of the reference FK\_LOCALIZACAO\_PERFIL\_USUARIO

alter table PERFIL\_USUARIO add constraint FK\_LOCALIZACAO\_PERFIL\_USUARIO foreign key (COD\_LOCALIZACAO) references LOCALIZACAO (COD\_LOCALIZACAO) on delete restrict on update restrict;

##### 4.1.1.8.3 List of diagrams containing the reference FK\_LOCALIZACAO\_PERFIL\_USUARIO

<i>Name</i>	<i>Code</i>
DER	PHYSICALDIAGRAM_1

##### 4.1.1.8.4 List of reference joins of the reference FK\_LOCALIZACAO\_PERFIL\_USUARIO

<i>Parent Table Column</i>	<i>Child Table Column</i>
----------------------------	---------------------------

<i>Parent Table Column</i>	<i>Child Table Column</i>
COD_LOCALIZACAO	COD_LOCALIZACAO

#### **4.1.1.8.5 List of extended attributes of the reference FK LOCALIZACAO PERFIL USUARIO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ReferenceMatch	ReferenceMatchType		MySQL 5.0

#### **4.1.1.9 Reference FK NIVEL CONHECIMENTO IDIOMA CONHECIMENTO**

##### **4.1.1.9.1 Card of reference FK NIVEL CONHECIMENTO IDIOMA CONHECIMENTO**

<i>Name</i>	FK_NIVEL_CONHECIMENTO_IDIOMA_CONHECIMENTO
<i>Code</i>	Reference_14
<i>Parent Table</i>	NIVEL_CONHECIMENTO
<i>Child Table</i>	IDIOMA_CONHECIMENTO

##### **4.1.1.9.2 Code preview of the reference FK NIVEL CONHECIMENTO IDIOMA CONHECIMENTO**

alter table IDIOMA\_CONHECIMENTO add constraint FK\_NIVEL\_CONHECIMENTO\_IDIOMA\_CONHECIMENTO foreign key (COD\_NIVEL\_IDIOMA)  
references NIVEL\_CONHECIMENTO (COD\_NIVEL\_IDIOMA) on delete restrict on update restrict;

##### **4.1.1.9.3 List of diagrams containing the reference FK NIVEL CONHECIMENTO IDIOMA CONHECIMENTO**

<i>Name</i>	<i>Code</i>
DER	PHYSICALDIAGRAM_1

##### **4.1.1.9.4 List of reference joins of the reference FK NIVEL CONHECIMENTO IDIOMA CONHECIMENTO**

<i>Parent Table Column</i>	<i>Child Table Column</i>
COD_NIVEL_IDIOMA	COD_NIVEL_IDIOMA

##### **4.1.1.9.5 List of extended attributes of the reference FK NIVEL CONHECIMENTO IDIOMA CONHECIMENTO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ReferenceMatch	ReferenceMatchType		MySQL 5.0

#### **4.1.1.10 Reference FK PROFESSOR PROFESSOR IDIOMA**

##### **4.1.1.10.1 Card of reference FK PROFESSOR PROFESSOR IDIOMA**

<i>Name</i>	FK_PROFESSOR_PROFESSOR_IDIOMA
<i>Code</i>	FK_PROFESSOR_PROFESSOR_IDIOMA
<i>Parent Table</i>	PROFESSOR
<i>Child Table</i>	PROFESSOR_IDIOMA

##### **4.1.1.10.2 Code preview of the reference FK PROFESSOR PROFESSOR IDIOMA**

alter table PROFESSOR\_IDIOMA add constraint FK\_PROFESSOR\_PROFESSOR\_IDIOMA foreign key (COD\_PROFESSOR)  
references PROFESSOR (COD\_PROFESSOR) on delete restrict on update restrict;

##### **4.1.1.10.3 List of diagrams containing the reference FK PROFESSOR PROFESSOR IDIOMA**

<i>Name</i>	<i>Code</i>
DER	PHYSICALDIAGRAM_1

##### **4.1.1.10.4 List of reference joins of the reference FK PROFESSOR PROFESSOR IDIOMA**

<i>Parent Table Column</i>	<i>Child Table Column</i>
----------------------------	---------------------------

<i>Parent Table Column</i>	<i>Child Table Column</i>
COD_PROFESSOR	COD_PROFESSOR

#### **4.1.1.10.5 List of extended attributes of the reference FK PROFESSOR PROFESSOR IDIOMA**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ReferenceMatch	ReferenceMatchType		MySQL 5.0

#### **4.1.1.11 Reference FK USUARIO ALUNO**

##### **4.1.1.11.1 Card of reference FK USUARIO ALUNO**

<i>Name</i>	FK_USUARIO_ALUNO
<i>Code</i>	FK_USUARIO_ALUNO
<i>Parent Table</i>	PERFIL_USUARIO
<i>Child Table</i>	ALUNO

##### **4.1.1.11.2 Code preview of the reference FK USUARIO ALUNO**

alter table ALUNO add constraint FK\_USUARIO\_ALUNO foreign key (COD\_CADASTRO)  
references PERFIL\_USUARIO (COD\_PERFIL) on delete restrict on update restrict;

##### **4.1.1.11.3 List of diagrams containing the reference FK USUARIO ALUNO**

<i>Name</i>	<i>Code</i>
DER	PHYSICALDIAGRAM_1

##### **4.1.1.11.4 List of reference joins of the reference FK USUARIO ALUNO**

<i>Parent Table Column</i>	<i>Child Table Column</i>
COD_PERFIL	COD_CADASTRO

##### **4.1.1.11.5 List of extended attributes of the reference FK USUARIO ALUNO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ReferenceMatch	ReferenceMatchType		MySQL 5.0

#### **4.1.1.12 Reference FK USUARIO INTERESSE USUARIO**

##### **4.1.1.12.1 Card of reference FK USUARIO INTERESSE USUARIO**

<i>Name</i>	FK_USUARIO_INTERESSE_USUARIO
<i>Code</i>	FK_USUARIO_INTERESSE_USUARIO
<i>Parent Table</i>	PERFIL_USUARIO
<i>Child Table</i>	INTERESSE_USUARIO

##### **4.1.1.12.2 Code preview of the reference FK USUARIO INTERESSE USUARIO**

alter table INTERESSE\_USUARIO add constraint FK\_USUARIO\_INTERESSE\_USUARIO foreign key (COD\_CADASTRO)  
references PERFIL\_USUARIO (COD\_PERFIL) on delete restrict on update restrict;

##### **4.1.1.12.3 List of diagrams containing the reference FK USUARIO INTERESSE USUARIO**

<i>Name</i>	<i>Code</i>
DER	PHYSICALDIAGRAM_1

##### **4.1.1.12.4 List of reference joins of the reference FK USUARIO INTERESSE USUARIO**

<i>Parent Table Column</i>	<i>Child Table Column</i>
----------------------------	---------------------------

<i>Parent Table Column</i>	<i>Child Table Column</i>
COD_PERFIL	COD_CADASTRO

**4.1.1.12.5 List of extended attributes of the reference FK\_USUARIO\_INTERESSE\_USUARIO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ReferenceMatch	ReferenceMatchType		MySQL 5.0

**4.1.1.13 Reference FK\_USUARIO\_MENSAGEM****4.1.1.13.1 Card of reference FK\_USUARIO\_MENSAGEM**

<i>Name</i>	FK_USUARIO_MENSAGEM
<i>Code</i>	FK_USUARIO_MENSAGEM
<i>Parent Table</i>	PERFIL_USUARIO
<i>Child Table</i>	MENSAGEM

**4.1.1.13.2 Code preview of the reference FK\_USUARIO\_MENSAGEM**

alter table MENSAGEM add constraint FK\_USUARIO\_MENSAGEM foreign key (COD\_CADASTRO\_USUARIO)  
references PERFIL\_USUARIO (COD\_PERFIL) on delete restrict on update restrict;

**4.1.1.13.3 List of diagrams containing the reference FK\_USUARIO\_MENSAGEM**

<i>Name</i>	<i>Code</i>
DER	PHYSICALDIAGRAM_1

**4.1.1.13.4 List of reference joins of the reference FK\_USUARIO\_MENSAGEM**

<i>Parent Table Column</i>	<i>Child Table Column</i>
COD_PERFIL	COD_CADASTRO_USUARIO

**4.1.1.13.5 List of extended attributes of the reference FK\_USUARIO\_MENSAGEM**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ReferenceMatch	ReferenceMatchType		MySQL 5.0

**4.1.1.14 Reference FK\_USUARIO\_PROFESSOR****4.1.1.14.1 Card of reference FK\_USUARIO\_PROFESSOR**

<i>Name</i>	FK_USUARIO_PROFESSOR
<i>Code</i>	FK_USUARIO_PROFESSOR
<i>Parent Table</i>	PERFIL_USUARIO
<i>Child Table</i>	PROFESSOR

**4.1.1.14.2 Code preview of the reference FK\_USUARIO\_PROFESSOR**

alter table PROFESSOR add constraint FK\_USUARIO\_PROFESSOR foreign key (COD\_CADASTRO)  
references PERFIL\_USUARIO (COD\_PERFIL) on delete restrict on update restrict;

**4.1.1.14.3 List of diagrams containing the reference FK\_USUARIO\_PROFESSOR**

<i>Name</i>	<i>Code</i>
DER	PHYSICALDIAGRAM_1

**4.1.1.14.4 List of reference joins of the reference FK\_USUARIO\_PROFESSOR**

<i>Parent Table Column</i>	<i>Child Table Column</i>
----------------------------	---------------------------

<i>Parent Table Column</i>	<i>Child Table Column</i>
COD_PERFIL	COD_CADASTRO

**4.1.1.14.5 List of extended attributes of the reference FK USUARIO PROFESSOR**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ReferenceMatch	ReferenceMatchType		MySQL 5.0

**4.1.1.15 Reference FK USUARIO PUBLICACAO FORUM****4.1.1.15.1 Card of reference FK USUARIO PUBLICACAO FORUM**

<i>Name</i>	FK_USUARIO_PUBLICACAO_FORUM
<i>Code</i>	FK_USUARIO_PUBLICACAO_FORUM
<i>Parent Table</i>	PERFIL_USUARIO
<i>Child Table</i>	PUBLICACAO_FORUM

**4.1.1.15.2 Code preview of the reference FK USUARIO PUBLICACAO FORUM**

alter table PUBLICACAO\_FORUM add constraint FK\_USUARIO\_PUBLICACAO\_FORUM foreign key  
(COD\_CADASTRO\_USUARIO)  
references PERFIL\_USUARIO (COD\_PERFIL) on delete restrict on update restrict;

**4.1.1.15.3 List of diagrams containing the reference FK USUARIO PUBLICACAO FORUM**

<i>Name</i>	<i>Code</i>
DER	PHYSICALDIAGRAM_1

**4.1.1.15.4 List of reference joins of the reference FK USUARIO PUBLICACAO FORUM**

<i>Parent Table Column</i>	<i>Child Table Column</i>
COD_PERFIL	COD_CADASTRO_USUARIO

**4.1.1.15.5 List of extended attributes of the reference FK USUARIO PUBLICACAO FORUM**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ReferenceMatch	ReferenceMatchType		MySQL 5.0

## 4.2 Tables

### 4.2.1 Model level tables

#### 4.2.1.1 List of tables

<i>Name</i>	<i>Code</i>
ALUNO	ALUNO
ALUNO_IDIOMA	ALUNO_IDIOMA
GENERO	GENERO
IDIOMA	IDIOMA
IDIOMA_CONHECIMENTO	IDIOMA_CONHECIMENTO
INTERESSE_USUARIO	INTERESSE_USUARIO
INTERESSES	INTERESSES
LOCALIZACAO	LOCALIZACAO
MENSAGEM	MENSAGEM
NIVEL_CONHECIMENTO	NIVEL_CONHECIMENTO
PERFIL_USUARIO	PERFIL_USUARIO
PROFESSOR	PROFESSOR
PROFESSOR_IDIOMA	PROFESSOR_IDIOMA
PUBLICACAO_FORUM	PUBLICACAO_FORUM

#### 4.2.1.2 List of table columns

<i>Name</i>	<i>Code</i>
COD_PERFIL	COD_PERFIL
COD_GENERO	COD_GENERO
COD_LOCALIZACAO	COD_LOCALIZACAO
NOM_USUARIO	NOM_USUARIO
DES_EMAIL	DES_EMAIL
DES_SENHA	DES_SENHA
DES_PERFIL	DES_PERFIL
ARQ_FOTO_PERFIL	ARQ_FOTO_PERFIL
DTA_NASCIMENTO	DTA_NASCIMENTO
COD_IDIOMA_CONHECIMENTO	COD_IDIOMA_CONHECIMENTO
COD_IDIOMA	COD_IDIOMA
COD_NIVEL_IDIOMA	COD_NIVEL_IDIOMA
COD_GENERO	COD_GENERO
DES_GENERO	IND_GENERO
COD_INTERESSE	COD_INTERESSE
DES_INTERESSE	DES_INTERESSE
COD_ALUNO	COD_ALUNO
IND_PREMIUM	IND_PREMIUM
COD_CADASTRO	COD_CADASTRO
COD_PROFESSOR	COD_PROFESSOR
ARQ_CERTIFICADO	ARQ_CERTIFICADO
COD_CADASTRO	COD_CADASTRO
COD_LOCALIZACAO	COD_LOCALIZACAO
DES_CIDADE	DES_CIDADE
NUM_CEP	NUM_CEP

<i>Name</i>	<i>Code</i>
COD_PUBLICACAO	COD_PUBLICACAO
DES_TITULO	DES_TITULO
DES_PUBLICACAO	DES_PUBLICACAO
ARQ_ANEXO	ARQ_ANEXO
DTA_PUBLICACAO	DTA_PUBLICACAO
HOR_PUBLICACAO	HOR_PUBLICACAO
COD_CADASTRO_USUARIO	COD_CADASTRO_USUARIO
COD_MENSAGEM	COD_MENSAGEM
DES_DESTINATÁRIO	DES_DESTINATARIO
DTA_MSG	DTA_MSG
HOR_MSG	HOR_MSG
COD_CADASTRO_USUARIO	COD_CADASTRO_USUARIO
COD_INTERESSE_USUARIO	COD_INTERESSE_USUARIO
COD_INTERESSE	COD_INTERESSE
COD_CADASTRO	COD_CADASTRO
COD_IDIOMA	COD_IDIOMA
DES_IDIOMA	DES_IDIOMA
COD_NIVEL_IDIOMA	COD_NIVEL_IDIOMA
DES_NIVEL	DES_NIVEL
COD_PROFESSOR_IDIOMA	COD_PROFESSOR_IDIOMA
COD_IDIOMA	COD_IDIOMA
COD_PROFESSOR	COD_PROFESSOR
COD_ALUNO_IDIOMA	COD_ALUNO_IDIOMA
COD_ALUNO	COD_ALUNO
COD_IDIOMA	COD_IDIOMA

#### 4.2.1.3 List of table keys

<i>Name</i>	<i>Code</i>	<i>Table</i>
Key_1	Key_1	PERFIL_USUARIO
Key_1	Key_1	IDIOMA_CONHECIMENTO
Key_1	Key_1	GENERO
Key_1	Key_1	INTERESSES
Key_1	Key_1	ALUNO
Key_1	Key_1	PROFESSOR
Key_1	Key_1	LOCALIZACAO
Key_1	Key_1	PUBLICACAO_FORUM
Key_1	Key_1	MENSAGEM
Key_1	Key_1	INTERESSE_USUARIO
Key_1	Key_1	IDIOMA
Key_1	Key_1	NIVEL_CONHECIMENTO
Key_1	Key_1	PROFESSOR_IDIOMA
Key_1	Key_1	ALUNO_IDIOMA

#### 4.2.1.4 Table ALUNO

##### 4.2.1.4.1 Card of table ALUNO

<i>Name</i>	ALUNO
<i>Code</i>	ALUNO

DBMS	MySQL 5.0
------	-----------

**4.2.1.4.2 Check constraint name of the table ALUNO**

TK\_ALUNO

**4.2.1.4.3 Server validation rule of the table ALUNO**

%RULES%

**4.2.1.4.4 Code preview of the table ALUNO**

drop table if exists ALUNO;

```

/*=====*/
/* Table: ALUNO */
/*=====*/
create table ALUNO
(
    COD_ALUNO      int not null,
    IND_PREMIUM    boolean,
    COD_CADASTRO   int not null
);

```

```

alter table ALUNO
    add primary key (COD_ALUNO);

```

```

alter table ALUNO add constraint FK_USUARIO_ALUNO foreign key (COD_CADASTRO)
    references PERFIL_USUARIO (COD_PERFIL) on delete restrict on update restrict;

```

```

alter table ALUNO_IDIOMA add constraint FK_ALUNO_ALUNO_IDIOMA foreign key (COD_ALUNO)
    references ALUNO (COD_ALUNO) on delete restrict on update restrict;

```

**4.2.1.4.5 List of diagrams containing the table ALUNO**

Name	Code
DER	PHYSICALDIAGRAM_1

**4.2.1.4.6 List of incoming references of the table ALUNO**

Name	Code
FK_ALUNO_ALUNO_IDIOMA	Reference_15

**4.2.1.4.7 List of outgoing references of the table ALUNO**

Name	Code	Foreign Key Columns
FK_USUARIO_ALUNO	FK_USUARIO_ALUNO	COD_CADASTRO

**4.2.1.4.8 List of all dependencies of the table ALUNO**

Name	Code	Class Name
FK_ALUNO_ALUNO_IDIOMA	Reference_15	Reference
FK_USUARIO_ALUNO	FK_USUARIO_ALUNO	Reference

**4.2.1.4.9 List of extended attributes of the table ALUNO**

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

**4.2.1.4.10 List of columns of the table ALUNO**

Name	Code
COD_ALUNO	COD_ALUNO
IND_PREMIUM	IND_PREMIUM



<i>Name</i>	<i>Code</i>
COD_CADASTRO	COD_CADASTRO

#### **4.2.1.4.11 Column COD\_ALUNO of the table ALUNO**

##### **4.2.1.4.11.1 Card of the column COD\_ALUNO of the table ALUNO**

<i>Name</i>	COD_ALUNO
<i>Code</i>	COD_ALUNO
<i>Data Type</i>	int
<i>Mandatory</i>	Yes

##### **4.2.1.4.11.2 Check constraint name of the column COD\_ALUNO of the table ALUNO**

CK\_COD\_ALUNO

##### **4.2.1.4.11.3 Check of the column COD\_ALUNO of the table ALUNO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **4.2.1.4.11.4 Server validation rule of the column COD\_ALUNO of the table ALUNO**

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

##### **4.2.1.4.11.5 List of all dependencies of the table column COD\_ALUNO**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
?	?	Reference Join
Key_1	Key_1	Key

##### **4.2.1.4.11.6 List of extended attributes of the table column COD\_ALUNO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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 IND\_PREMIUM of the table ALUNO**

##### **4.2.1.4.12.1 Card of the column IND\_PREMIUM of the table ALUNO**

<i>Name</i>	IND_PREMIUM
<i>Code</i>	IND_PREMIUM
<i>Data Type</i>	boolean
<i>Mandatory</i>	No

##### **4.2.1.4.12.2 Check constraint name of the column IND\_PREMIUM of the table ALUNO**

CK\_IND\_PREMIUM

##### **4.2.1.4.12.3 Check of the column IND\_PREMIUM of the table ALUNO**

<i>Minimum Value</i>	
----------------------	--

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

**4.2.1.4.12.4 Server validation rule of the column IND PREMIUM of the table ALUNO**

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

**4.2.1.4.12.5 List of extended attributes of the table column IND PREMIUM**

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 COD CADASTRO of the table ALUNO****4.2.1.4.13.1 Card of the column COD CADASTRO of the table ALUNO**

Name	COD_CADASTRO
Code	COD_CADASTRO
Data Type	int
Mandatory	Yes

**4.2.1.4.13.2 Check constraint name of the column COD CADASTRO of the table ALUNO**

CK\_COD\_CADASTRO

**4.2.1.4.13.3 Check of the column COD CADASTRO of the table ALUNO**

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 COD CADASTRO of the table ALUNO**

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

**4.2.1.4.13.5 List of all dependencies of the table column COD CADASTRO**

Name	Code	Class Name
?	?	Reference Join

**4.2.1.4.13.6 List of extended attributes of the table column COD CADASTRO**

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

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ZeroFill	(Boolean)	false	MySQL 5.0

**4.2.1.4.14 List of keys of the table ALUNO**

<i>Name</i>	<i>Code</i>	<i>Primary</i>
Key_1	Key_1	X

**4.2.1.4.15 Key Key\_1 of the table ALUNO****4.2.1.4.15.1 Card of the key Key\_1 of the table ALUNO**

<i>Name</i>	Key_1
<i>Code</i>	Key_1
<i>Table</i>	ALUNO

**4.2.1.4.15.2 Code preview of the key Key\_1 of the table ALUNO**

alter table ALUNO

add primary key (COD\_ALUNO);

alter table ALUNO\_IDIOMA add constraint FK\_ALUNO\_ALUNO\_IDIOMA foreign key (COD\_ALUNO)  
references ALUNO (COD\_ALUNO) on delete restrict on update restrict;

**4.2.1.4.15.3 List of columns of the table key Key\_1**

<i>Name</i>	<i>Code</i>
COD_ALUNO	COD_ALUNO

**4.2.1.4.15.4 List of all dependencies of the table key Key\_1**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
FK_ALUNO_ALUNO_IDIOMA	Reference_15	Reference

**4.2.1.4.15.5 List of extended attributes of the table key Key\_1**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ExtUnique	(Boolean)	false	MySQL 5.0

**4.2.1.5 Table ALUNO\_IDIOMA****4.2.1.5.1 Card of table ALUNO\_IDIOMA**

<i>Name</i>	ALUNO_IDIOMA
<i>Code</i>	ALUNO_IDIOMA
<i>DBMS</i>	MySQL 5.0

**4.2.1.5.2 Check constraint name of the table ALUNO\_IDIOMA**

TK\_ALUNO\_IDIOMA

**4.2.1.5.3 Server validation rule of the table ALUNO\_IDIOMA**

%RULES%

**4.2.1.5.4 Code preview of the table ALUNO\_IDIOMA**

drop table if exists ALUNO\_IDIOMA;

```
/*=====*/
/* Table: ALUNO_IDIOMA */
/*=====*/
create table ALUNO_IDIOMA
(
```

```

COD_ALUNO_IDIOMA    int not null,
COD_ALUNO           int not null,
COD_IDIOMA           int not null
);

```

```

alter table ALUNO_IDIOMA
add primary key (COD_ALUNO_IDIOMA);

```

```

alter table ALUNO_IDIOMA add constraint FK_ALUNO_ALUNO_IDIOMA foreign key (COD_ALUNO)
references ALUNO (COD_ALUNO) on delete restrict on update restrict;

```

```

alter table ALUNO_IDIOMA add constraint FK_IDIOMA_ALUNO_IDIOMA foreign key (COD_IDIOMA)
references IDIOMA (COD_IDIOMA) on delete restrict on update restrict;

```

#### 4.2.1.5.5 List of diagrams containing the table ALUNO\_IDIOMA

Name	Code
DER	PHYSICALDIAGRAM_1

#### 4.2.1.5.6 List of outgoing references of the table ALUNO\_IDIOMA

Name	Code	Foreign Key Columns
FK_ALUNO_ALUNO_IDIOMA	Reference_15	COD_ALUNO
FK_IDIOMA_ALUNO_IDIOMA	Reference_16	COD_IDIOMA

#### 4.2.1.5.7 List of all dependencies of the table ALUNO\_IDIOMA

Name	Code	Class Name
FK_ALUNO_ALUNO_IDIOMA	Reference_15	Reference
FK_IDIOMA_ALUNO_IDIOMA	Reference_16	Reference

#### 4.2.1.5.8 List of extended attributes of the table ALUNO\_IDIOMA

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

#### 4.2.1.5.9 List of columns of the table ALUNO\_IDIOMA

Name	Code
COD_ALUNO_IDIOMA	COD_ALUNO_IDIOMA
COD_ALUNO	COD_ALUNO
COD_IDIOMA	COD_IDIOMA

#### 4.2.1.5.10 Column COD\_ALUNO\_IDIOMA of the table ALUNO\_IDIOMA

##### 4.2.1.5.10.1 Card of the column COD\_ALUNO\_IDIOMA of the table ALUNO\_IDIOMA

Name	COD_ALUNO_IDIOMA
Code	COD_ALUNO_IDIOMA
Data Type	int
Mandatory	Yes

##### 4.2.1.5.10.2 Check constraint name of the column COD\_ALUNO\_IDIOMA of the table ALUNO\_IDIOMA

CK\_COD\_ALUNO\_IDIOMA

##### 4.2.1.5.10.3 Check of the column COD\_ALUNO\_IDIOMA of the table ALUNO\_IDIOMA

Minimum Value	
Maximum Value	
Default Value	
Unit	

<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### **4.2.1.5.10.4 Server validation rule of the column COD\_ALUNO\_IDIOMA of the table ALUNO\_IDIOMA**

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

#### **4.2.1.5.10.5 List of all dependencies of the table column COD\_ALUNO\_IDIOMA**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
Key_1	Key_1	Key

#### **4.2.1.5.10.6 List of extended attributes of the table column COD\_ALUNO\_IDIOMA**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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 COD\_ALUNO of the table ALUNO\_IDIOMA**

##### **4.2.1.5.11.1 Card of the column COD\_ALUNO of the table ALUNO\_IDIOMA**

<i>Name</i>	COD_ALUNO
<i>Code</i>	COD_ALUNO
<i>Data Type</i>	int
<i>Mandatory</i>	Yes

##### **4.2.1.5.11.2 Check constraint name of the column COD\_ALUNO of the table ALUNO\_IDIOMA**

CK\_COD\_ALUNO

##### **4.2.1.5.11.3 Check of the column COD\_ALUNO of the table ALUNO\_IDIOMA**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **4.2.1.5.11.4 Server validation rule of the column COD\_ALUNO of the table ALUNO\_IDIOMA**

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

##### **4.2.1.5.11.5 List of all dependencies of the table column COD\_ALUNO**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
?	?	Reference Join

##### **4.2.1.5.11.6 List of extended attributes of the table column COD\_ALUNO**

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

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ZeroFill	(Boolean)	false	MySQL 5.0

#### **4.2.1.5.12 Column COD\_IDIOMA of the table ALUNO\_IDIOMA**

##### **4.2.1.5.12.1 Card of the column COD\_IDIOMA of the table ALUNO\_IDIOMA**

<i>Name</i>	COD_IDIOMA
<i>Code</i>	COD_IDIOMA
<i>Data Type</i>	int
<i>Mandatory</i>	Yes

##### **4.2.1.5.12.2 Check constraint name of the column COD\_IDIOMA of the table ALUNO\_IDIOMA**

CK\_COD\_IDIOMA

##### **4.2.1.5.12.3 Check of the column COD\_IDIOMA of the table ALUNO\_IDIOMA**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **4.2.1.5.12.4 Server validation rule of the column COD\_IDIOMA of the table ALUNO\_IDIOMA**

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

##### **4.2.1.5.12.5 List of all dependencies of the table column COD\_IDIOMA**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
?	?	Reference Join

##### **4.2.1.5.12.6 List of extended attributes of the table column COD\_IDIOMA**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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 List of keys of the table ALUNO\_IDIOMA**

<i>Name</i>	<i>Code</i>	<i>Primary</i>
Key_1	Key_1	X

##### **4.2.1.5.14 Key Key\_1 of the table ALUNO\_IDIOMA**

##### **4.2.1.5.14.1 Card of the key Key\_1 of the table ALUNO\_IDIOMA**

<i>Name</i>	Key_1
<i>Code</i>	Key_1
<i>Table</i>	ALUNO_IDIOMA

##### **4.2.1.5.14.2 Code preview of the key Key\_1 of the table ALUNO\_IDIOMA**

```
alter table ALUNO_IDIOMA
  add primary key (COD_ALUNO_IDIOMA);
```

**4.2.1.5.14.3 List of columns of the table key Key\_1**

<i>Name</i>	<i>Code</i>
COD_ALUNO_IDIOMA	COD_ALUNO_IDIOMA

**4.2.1.5.14.4 List of extended attributes of the table key Key\_1**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ExtUnique	(Boolean)	false	MySQL 5.0

**4.2.1.6 Table GENERO****4.2.1.6.1 Card of table GENERO**

<i>Name</i>	GENERO
<i>Code</i>	GENERO
<i>DBMS</i>	MySQL 5.0

**4.2.1.6.2 Check constraint name of the table GENERO**

TK\_GENERO

**4.2.1.6.3 Server validation rule of the table GENERO**

%RULES%

**4.2.1.6.4 Code preview of the table GENERO**

drop table if exists GENERO;

```

/*=====*/
/* Table: GENERO */
/*=====*/
create table GENERO
(
    COD_GENERO      int not null,
    IND_GENERO      varchar(40)
);

```

```

alter table GENERO
    add primary key (COD_GENERO);

```

```

alter table PERFIL_USUARIO add constraint FK_GENERO_PERFIL_USUARIO foreign key (COD_GENERO)
    references GENERO (COD_GENERO) on delete restrict on update restrict;

```

**4.2.1.6.5 List of diagrams containing the table GENERO**

<i>Name</i>	<i>Code</i>
DER	PHYSICALDIAGRAM_1

**4.2.1.6.6 List of incoming references of the table GENERO**

<i>Name</i>	<i>Code</i>
FK_GENERO_PERFIL_USUARIO	Reference_12

**4.2.1.6.7 List of all dependencies of the table GENERO**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
FK_GENERO_PERFIL_USUARIO	Reference_12	Reference

**4.2.1.6.8 List of extended attributes of the table GENERO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
Temporary	(Boolean)	false	MySQL 5.0

**4.2.1.6.9 List of columns of the table GENERO**

<i>Name</i>	<i>Code</i>
COD_GENERO	COD_GENERO
DES_GENERO	IND_GENERO

**4.2.1.6.10 Column COD\_GENERO of the table GENERO****4.2.1.6.10.1 Card of the column COD\_GENERO of the table GENERO**

<i>Name</i>	COD_GENERO
<i>Code</i>	COD_GENERO
<i>Data Type</i>	int
<i>Mandatory</i>	Yes

**4.2.1.6.10.2 Check constraint name of the column COD\_GENERO of the table GENERO**

CK\_COD\_GENERO

**4.2.1.6.10.3 Check of the column COD\_GENERO of the table GENERO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.2.1.6.10.4 Server validation rule of the column COD\_GENERO of the table GENERO**

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

**4.2.1.6.10.5 List of all dependencies of the table column COD\_GENERO**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
?	?	Reference Join
Key_1	Key_1	Key

**4.2.1.6.10.6 List of extended attributes of the table column COD\_GENERO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

**4.2.1.6.11 Column DES\_GENERO of the table GENERO****4.2.1.6.11.1 Card of the column DES\_GENERO of the table GENERO**

<i>Name</i>	DES_GENERO
<i>Code</i>	IND_GENERO
<i>Data Type</i>	varchar(40)
<i>Mandatory</i>	No

**4.2.1.6.11.2 Check constraint name of the column DES\_GENERO of the table GENERO**

CK\_IND\_GENERO



**4.2.1.6.11.3 Check of the column DES GENERO of the table GENERO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.2.1.6.11.4 Server validation rule of the column DES GENERO of the table GENERO**

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

**4.2.1.6.11.5 List of extended attributes of the table column DES GENERO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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 List of keys of the table GENERO**

<i>Name</i>	<i>Code</i>	<i>Primary</i>
Key_1	Key_1	X

**4.2.1.6.13 Key Key\_1 of the table GENERO****4.2.1.6.13.1 Card of the key Key\_1 of the table GENERO**

<i>Name</i>	Key_1
<i>Code</i>	Key_1
<i>Table</i>	GENERO

**4.2.1.6.13.2 Code preview of the key Key\_1 of the table GENERO**

```
alter table GENERO
```

```
add primary key (COD_GENERO);
```

```
alter table PERFIL_USUARIO add constraint FK_GENERO_PERFIL_USUARIO foreign key (COD_GENERO)
references GENERO (COD_GENERO) on delete restrict on update restrict;
```

**4.2.1.6.13.3 List of columns of the table key Key\_1**

<i>Name</i>	<i>Code</i>
COD_GENERO	COD_GENERO

**4.2.1.6.13.4 List of all dependencies of the table key Key\_1**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
FK_GENERO_PERFIL_USUARIO	Reference_12	Reference

**4.2.1.6.13.5 List of extended attributes of the table key Key\_1**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ExtUnique	(Boolean)	false	MySQL 5.0

**4.2.1.7 Table IDIOMA**

**4.2.1.7.1 Card of table IDIOMA**

<i>Name</i>	IDIOMA
<i>Code</i>	IDIOMA
<i>DBMS</i>	MySQL 5.0

**4.2.1.7.2 Check constraint name of the table IDIOMA**

TK\_IDIOMA

**4.2.1.7.3 Server validation rule of the table IDIOMA**

%RULES%

**4.2.1.7.4 Code preview of the table IDIOMA**

drop table if exists IDIOMA;

```
/*=====*/
/* Table: IDIOMA */
/*=====*/
```

create table IDIOMA

```
(
  COD_IDIOMA      int not null,
  DES_IDIOMA      varchar(30)
);
```

alter table IDIOMA

add primary key (COD\_IDIOMA);

```
alter table ALUNO_IDIOMA add constraint FK_IDIOMA_ALUNO_IDIOMA foreign key (COD_IDIOMA)
references IDIOMA (COD_IDIOMA) on delete restrict on update restrict;
```

```
alter table IDIOMA_CONHECIMENTO add constraint FK_IDIOMA_IDIOMA_CONHECIMENTO foreign key (COD_IDIOMA)
references IDIOMA (COD_IDIOMA) on delete restrict on update restrict;
```

```
alter table PROFESSOR_IDIOMA add constraint FK_IDIOMA_PERFIL_PROFESSOR_IDIOMA foreign key (COD_IDIOMA)
references IDIOMA (COD_IDIOMA) on delete restrict on update restrict;
```

**4.2.1.7.5 List of diagrams containing the table IDIOMA**

<i>Name</i>	<i>Code</i>
DER	PHYSICALDIAGRAM_1

**4.2.1.7.6 List of incoming references of the table IDIOMA**

<i>Name</i>	<i>Code</i>
FK_IDIOMA_ALUNO_IDIOMA	Reference_16
FK_IDIOMA_IDIOMA_CONHECIMENTO	Reference_13
FK_IDIOMA_PROFESSOR_IDIOMA	FK_IDIOMA_PROFESSOR_IDIOMA

**4.2.1.7.7 List of all dependencies of the table IDIOMA**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
FK_IDIOMA_ALUNO_IDIOMA	Reference_16	Reference
FK_IDIOMA_IDIOMA_CONHECIMENTO	Reference_13	Reference
FK_IDIOMA_PROFESSOR_IDIOMA	FK_IDIOMA_PROFESSOR_IDIOMA	Reference

**4.2.1.7.8 List of extended attributes of the table IDIOMA**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
Temporary	(Boolean)	false	MySQL 5.0

**4.2.1.7.9 List of columns of the table IDIOMA**

<i>Name</i>	<i>Code</i>
COD_IDIOMA	COD_IDIOMA
DES_IDIOMA	DES_IDIOMA

**4.2.1.7.10 Column COD IDIOMA of the table IDIOMA****4.2.1.7.10.1 Card of the column COD IDIOMA of the table IDIOMA**

<i>Name</i>	COD_IDIOMA
<i>Code</i>	COD_IDIOMA
<i>Data Type</i>	int
<i>Mandatory</i>	Yes

**4.2.1.7.10.2 Check constraint name of the column COD IDIOMA of the table IDIOMA**

CK\_COD\_IDIOMA

**4.2.1.7.10.3 Check of the column COD IDIOMA of the table IDIOMA**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.2.1.7.10.4 Server validation rule of the column COD IDIOMA of the table IDIOMA**

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

**4.2.1.7.10.5 List of all dependencies of the table column COD IDIOMA**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
?	?	Reference Join
?	?	Reference Join
?	?	Reference Join
Key_1	Key_1	Key

**4.2.1.7.10.6 List of extended attributes of the table column COD IDIOMA**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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 DES IDIOMA of the table IDIOMA****4.2.1.7.11.1 Card of the column DES IDIOMA of the table IDIOMA**

<i>Name</i>	DES_IDIOMA
<i>Code</i>	DES_IDIOMA
<i>Data Type</i>	varchar(30)
<i>Mandatory</i>	No

**4.2.1.7.11.2 Check constraint name of the column DES IDIOMA of the table IDIOMA**

CK\_DES\_IDIOMA

**4.2.1.7.11.3 Check of the column DES IDIOMA of the table IDIOMA**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.2.1.7.11.4 Server validation rule of the column DES IDIOMA of the table IDIOMA**

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

**4.2.1.7.11.5 List of extended attributes of the table column DES IDIOMA**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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 List of keys of the table IDIOMA**

<i>Name</i>	<i>Code</i>	<i>Primary</i>
Key_1	Key_1	X

**4.2.1.7.13 Key Key\_1 of the table IDIOMA****4.2.1.7.13.1 Card of the key Key\_1 of the table IDIOMA**

<i>Name</i>	Key_1
<i>Code</i>	Key_1
<i>Table</i>	IDIOMA

**4.2.1.7.13.2 Code preview of the key Key\_1 of the table IDIOMA**

alter table IDIOMA

add primary key (COD\_IDIOMA);

alter table ALUNO\_IDIOMA add constraint FK\_IDIOMA\_ALUNO\_IDIOMA foreign key (COD\_IDIOMA)

references IDIOMA (COD\_IDIOMA) on delete restrict on update restrict;

alter table IDIOMA\_CONHECIMENTO add constraint FK\_IDIOMA\_IDIOMA\_CONHECIMENTO foreign key (COD\_IDIOMA)

references IDIOMA (COD\_IDIOMA) on delete restrict on update restrict;

alter table PROFESSOR\_IDIOMA add constraint FK\_IDIOMA\_PERFIL\_PROFESSOR\_IDIOMA foreign key (COD\_IDIOMA)

references IDIOMA (COD\_IDIOMA) on delete restrict on update restrict;

**4.2.1.7.13.3 List of columns of the table key Key\_1**

<i>Name</i>	<i>Code</i>
COD_IDIOMA	COD_IDIOMA

**4.2.1.7.13.4 List of all dependencies of the table key Key\_1**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
-------------	-------------	-------------------

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
FK_IDIOMA_ALUNO_IDIOMA	Reference_16	Reference
FK_IDIOMA_IDIOMA_CONHECIMENTO	Reference_13	Reference
FK_IDIOMA_PROFESSOR_IDIOMA	FK_IDIOMA_PROFESSOR_IDIOMA	Reference

#### **4.2.1.7.13.5 List of extended attributes of the table key Key\_1**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ExtUnique	(Boolean)	false	MySQL 5.0

#### **4.2.1.8 Table IDIOMA\_CONHECIMENTO**

##### **4.2.1.8.1 Card of table IDIOMA\_CONHECIMENTO**

<i>Name</i>	IDIOMA_CONHECIMENTO
<i>Code</i>	IDIOMA_CONHECIMENTO
<i>DBMS</i>	MySQL 5.0

##### **4.2.1.8.2 Check constraint name of the table IDIOMA\_CONHECIMENTO**

TK\_IDIOMA\_CONHECIMENTO

##### **4.2.1.8.3 Server validation rule of the table IDIOMA\_CONHECIMENTO**

%RULES%

##### **4.2.1.8.4 Code preview of the table IDIOMA\_CONHECIMENTO**

drop table if exists IDIOMA\_CONHECIMENTO;

```

/*=====*/
/* Table: IDIOMA_CONHECIMENTO */
/*=====*/
create table IDIOMA_CONHECIMENTO
(
    COD_IDIOMA_CONHECIMENTO tinyint not null,
    COD_IDIOMA int not null,
    COD_NIVEL_IDIOMA int not null
);

```

```

alter table IDIOMA_CONHECIMENTO
add primary key (COD_IDIOMA_CONHECIMENTO);

```

```

alter table IDIOMA_CONHECIMENTO add constraint FK_IDIOMA_IDIOMA_CONHECIMENTO foreign key (COD_IDIOMA)
references IDIOMA (COD_IDIOMA) on delete restrict on update restrict;

```

```

alter table IDIOMA_CONHECIMENTO add constraint FK_NIVEL_CONHECIMENTO_IDIOMA_CONHECIMENTO foreign
key (COD_NIVEL_IDIOMA)
references NIVEL_CONHECIMENTO (COD_NIVEL_IDIOMA) on delete restrict on update restrict;

```

##### **4.2.1.8.5 List of diagrams containing the table IDIOMA\_CONHECIMENTO**

<i>Name</i>	<i>Code</i>
DER	PHYSICALDIAGRAM_1

##### **4.2.1.8.6 List of outgoing references of the table IDIOMA\_CONHECIMENTO**

<i>Name</i>	<i>Code</i>	<i>Foreign Key Columns</i>
FK_IDIOMA_IDIOMA_CONHECIMENTO	Reference_13	COD_IDIOMA
FK_NIVEL_CONHECIMENTO_IDIOMA_CONHECIMENTO	Reference_14	COD_NIVEL_IDIOMA

**4.2.1.8.7 List of all dependencies of the table IDIOMA CONHECIMENTO**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
FK_IDIOMA_IDIOMA_CONHECIMENTO	Reference_13	Reference
FK_NIVEL_CONHECIMENTO_IDIOMA_CONHECIMENTO	Reference_14	Reference

**4.2.1.8.8 List of extended attributes of the table IDIOMA CONHECIMENTO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
Temporary	(Boolean)	false	MySQL 5.0

**4.2.1.8.9 List of columns of the table IDIOMA CONHECIMENTO**

<i>Name</i>	<i>Code</i>
COD_IDIOMA_CONHECIMENTO	COD_IDIOMA_CONHECIMENTO
COD_IDIOMA	COD_IDIOMA
COD_NIVEL_IDIOMA	COD_NIVEL_IDIOMA

**4.2.1.8.10 Column COD IDIOMA CONHECIMENTO of the table IDIOMA CONHECIMENTO****4.2.1.8.10.1 Card of the column COD IDIOMA CONHECIMENTO of the table IDIOMA CONHECIMENTO**

<i>Name</i>	COD_IDIOMA_CONHECIMENTO
<i>Code</i>	COD_IDIOMA_CONHECIMENTO
<i>Data Type</i>	tinyint
<i>Mandatory</i>	Yes

**4.2.1.8.10.2 Check constraint name of the column COD IDIOMA CONHECIMENTO of the table IDIOMA CONHECIMENTO**

CK\_COD\_IDIOMA\_CONHECIMENTO

**4.2.1.8.10.3 Check of the column COD IDIOMA CONHECIMENTO of the table IDIOMA CONHECIMENTO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.2.1.8.10.4 Server validation rule of the column COD IDIOMA CONHECIMENTO of the table IDIOMA CONHECIMENTO**

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

**4.2.1.8.10.5 List of all dependencies of the table column COD IDIOMA CONHECIMENTO**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
Key_1	Key_1	Key

**4.2.1.8.10.6 List of extended attributes of the table column COD IDIOMA CONHECIMENTO**

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

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ZeroFill	(Boolean)	false	MySQL 5.0

#### **4.2.1.8.11 Column COD\_IDIOMA of the table IDIOMA\_CONHECIMENTO**

##### **4.2.1.8.11.1 Card of the column COD\_IDIOMA of the table IDIOMA\_CONHECIMENTO**

<i>Name</i>	COD_IDIOMA
<i>Code</i>	COD_IDIOMA
<i>Data Type</i>	int
<i>Mandatory</i>	Yes

##### **4.2.1.8.11.2 Check constraint name of the column COD\_IDIOMA of the table IDIOMA\_CONHECIMENTO**

CK\_COD\_IDIOMA

##### **4.2.1.8.11.3 Check of the column COD\_IDIOMA of the table IDIOMA\_CONHECIMENTO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **4.2.1.8.11.4 Server validation rule of the column COD\_IDIOMA of the table IDIOMA\_CONHECIMENTO**

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

##### **4.2.1.8.11.5 List of all dependencies of the table column COD\_IDIOMA**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
?	?	Reference Join

##### **4.2.1.8.11.6 List of extended attributes of the table column COD\_IDIOMA**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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 COD\_NIVEL\_IDIOMA of the table IDIOMA\_CONHECIMENTO**

##### **4.2.1.8.12.1 Card of the column COD\_NIVEL\_IDIOMA of the table IDIOMA\_CONHECIMENTO**

<i>Name</i>	COD_NIVEL_IDIOMA
<i>Code</i>	COD_NIVEL_IDIOMA
<i>Data Type</i>	int
<i>Mandatory</i>	Yes

##### **4.2.1.8.12.2 Check constraint name of the column COD\_NIVEL\_IDIOMA of the table IDIOMA\_CONHECIMENTO**

CK\_COD\_NIVEL\_IDIOMA

##### **4.2.1.8.12.3 Check of the column COD\_NIVEL\_IDIOMA of the table IDIOMA\_CONHECIMENTO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	

<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### **4.2.1.8.12.4 Server validation rule of the column COD\_NIVEL\_IDIOMA of the table IDIOMA\_CONHECIMENTO**

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

#### **4.2.1.8.12.5 List of all dependencies of the table column COD\_NIVEL\_IDIOMA**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
?	?	Reference Join

#### **4.2.1.8.12.6 List of extended attributes of the table column COD\_NIVEL\_IDIOMA**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

#### **4.2.1.8.13 List of keys of the table IDIOMA\_CONHECIMENTO**

<i>Name</i>	<i>Code</i>	<i>Primary</i>
Key_1	Key_1	X

#### **4.2.1.8.14 Key Key\_1 of the table IDIOMA\_CONHECIMENTO**

##### **4.2.1.8.14.1 Card of the key Key\_1 of the table IDIOMA\_CONHECIMENTO**

<i>Name</i>	Key_1
<i>Code</i>	Key_1
<i>Table</i>	IDIOMA_CONHECIMENTO

##### **4.2.1.8.14.2 Code preview of the key Key\_1 of the table IDIOMA\_CONHECIMENTO**

```
alter table IDIOMA_CONHECIMENTO
  add primary key (COD_IDIOMA_CONHECIMENTO);
```

##### **4.2.1.8.14.3 List of columns of the table key Key\_1**

<i>Name</i>	<i>Code</i>
COD_IDIOMA_CONHECIMENTO	COD_IDIOMA_CONHECIMENTO

##### **4.2.1.8.14.4 List of extended attributes of the table key Key\_1**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ExtUnique	(Boolean)	false	MySQL 5.0

#### **4.2.1.9 Table INTERESSE\_USUARIO**

##### **4.2.1.9.1 Card of table INTERESSE\_USUARIO**

<i>Name</i>	INTERESSE_USUARIO
<i>Code</i>	INTERESSE_USUARIO
<i>DBMS</i>	MySQL 5.0



**4.2.1.9.2 Check constraint name of the table INTERESSE\_USUARIO**

TK\_INTERESSE\_USUARIO

**4.2.1.9.3 Server validation rule of the table INTERESSE\_USUARIO**

%RULES%

**4.2.1.9.4 Code preview of the table INTERESSE\_USUARIO**

drop table if exists INTERESSE\_USUARIO;

```

/*=====*/
/* Table: INTERESSE_USUARIO */
/*=====*/

```

create table INTERESSE\_USUARIO

```

(
  COD_INTERESSE_USUARIO int not null,
  COD_INTERESSE          smallint not null,
  COD_CADASTRO           int not null
);

```

```

alter table INTERESSE_USUARIO
  add primary key (COD_INTERESSE_USUARIO);

```

```

alter table INTERESSE_USUARIO add constraint FK_INTERESSE_INTERESSE_USUARIO foreign key (COD_INTERESSE)
  references INTERESSES (COD_INTERESSE) on delete restrict on update restrict;

```

```

alter table INTERESSE_USUARIO add constraint FK_USUARIO_INTERESSE_USUARIO foreign key (COD_CADASTRO)
  references PERFIL_USUARIO (COD_PERFIL) on delete restrict on update restrict;

```

**4.2.1.9.5 List of diagrams containing the table INTERESSE\_USUARIO**

Name	Code
DER	PHYSICALDIAGRAM_1

**4.2.1.9.6 List of outgoing references of the table INTERESSE\_USUARIO**

Name	Code	Foreign Key Columns
FK_INTERESSE_INTERESSE_USUARIO	FK_INTERESSE_INTERESSE_USUARIO	COD_INTERESSE
FK_USUARIO_INTERESSE_USUARIO	FK_USUARIO_INTERESSE_USUARIO	COD_CADASTRO

**4.2.1.9.7 List of all dependencies of the table INTERESSE\_USUARIO**

Name	Code	Class Name
FK_INTERESSE_INTERESSE_USUARIO	FK_INTERESSE_INTERESSE_USUARIO	Reference
FK_USUARIO_INTERESSE_USUARIO	FK_USUARIO_INTERESSE_USUARIO	Reference

**4.2.1.9.8 List of extended attributes of the table INTERESSE\_USUARIO**

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

**4.2.1.9.9 List of columns of the table INTERESSE\_USUARIO**

Name	Code
COD_INTERESSE_USUARIO	COD_INTERESSE_USUARIO
COD_INTERESSE	COD_INTERESSE
COD_CADASTRO	COD_CADASTRO

**4.2.1.9.10 Column COD\_INTERESSE\_USUARIO of the table INTERESSE\_USUARIO**

**4.2.1.9.10.1 Card of the column COD\_INTERESSE\_USUARIO of the table INTERESSE\_USUARIO**

<i>Name</i>	COD_INTERESSE_USUARIO
<i>Code</i>	COD_INTERESSE_USUARIO
<i>Data Type</i>	int
<i>Mandatory</i>	Yes

**4.2.1.9.10.2 Check constraint name of the column COD\_INTERESSE\_USUARIO of the table INTERESSE\_USUARIO**

CK\_COD\_INTERESSE\_USUARIO

**4.2.1.9.10.3 Check of the column COD\_INTERESSE\_USUARIO of the table INTERESSE\_USUARIO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.2.1.9.10.4 Server validation rule of the column COD\_INTERESSE\_USUARIO of the table INTERESSE\_USUARIO**

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

**4.2.1.9.10.5 List of all dependencies of the table column COD\_INTERESSE\_USUARIO**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
Key_1	Key_1	Key

**4.2.1.9.10.6 List of extended attributes of the table column COD\_INTERESSE\_USUARIO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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 COD\_INTERESSE of the table INTERESSE\_USUARIO****4.2.1.9.11.1 Card of the column COD\_INTERESSE of the table INTERESSE\_USUARIO**

<i>Name</i>	COD_INTERESSE
<i>Code</i>	COD_INTERESSE
<i>Data Type</i>	smallint
<i>Mandatory</i>	Yes

**4.2.1.9.11.2 Check constraint name of the column COD\_INTERESSE of the table INTERESSE\_USUARIO**

CK\_COD\_INTERESSE

**4.2.1.9.11.3 Check of the column COD\_INTERESSE of the table INTERESSE\_USUARIO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	

<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### **4.2.1.9.11.4 Server validation rule of the column COD\_INTERESSE of the table INTERESSE\_USUARIO**

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

#### **4.2.1.9.11.5 List of all dependencies of the table column COD\_INTERESSE**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
?	?	Reference Join

#### **4.2.1.9.11.6 List of extended attributes of the table column COD\_INTERESSE**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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 COD\_CADASTRO of the table INTERESSE\_USUARIO**

##### **4.2.1.9.12.1 Card of the column COD\_CADASTRO of the table INTERESSE\_USUARIO**

<i>Name</i>	COD_CADASTRO
<i>Code</i>	COD_CADASTRO
<i>Data Type</i>	int
<i>Mandatory</i>	Yes

##### **4.2.1.9.12.2 Check constraint name of the column COD\_CADASTRO of the table INTERESSE\_USUARIO**

CK\_COD\_CADASTRO

##### **4.2.1.9.12.3 Check of the column COD\_CADASTRO of the table INTERESSE\_USUARIO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **4.2.1.9.12.4 Server validation rule of the column COD\_CADASTRO of the table INTERESSE\_USUARIO**

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

##### **4.2.1.9.12.5 List of all dependencies of the table column COD\_CADASTRO**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
?	?	Reference Join

##### **4.2.1.9.12.6 List of extended attributes of the table column COD\_CADASTRO**

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

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ZeroFill	(Boolean)	false	MySQL 5.0

**4.2.1.9.13 List of keys of the table INTERESSE\_USUARIO**

<i>Name</i>	<i>Code</i>	<i>Primary</i>
Key_1	Key_1	X

**4.2.1.9.14 Key Key\_1 of the table INTERESSE\_USUARIO****4.2.1.9.14.1 Card of the key Key\_1 of the table INTERESSE\_USUARIO**

<i>Name</i>	Key_1
<i>Code</i>	Key_1
<i>Table</i>	INTERESSE_USUARIO

**4.2.1.9.14.2 Code preview of the key Key\_1 of the table INTERESSE\_USUARIO**

```
alter table INTERESSE_USUARIO
  add primary key (COD_INTERESSE_USUARIO);
```

**4.2.1.9.14.3 List of columns of the table key Key\_1**

<i>Name</i>	<i>Code</i>
COD_INTERESSE_USUARIO	COD_INTERESSE_USUARIO

**4.2.1.9.14.4 List of extended attributes of the table key Key\_1**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ExtUnique	(Boolean)	false	MySQL 5.0

**4.2.1.10 Table INTERESSES****4.2.1.10.1 Card of table INTERESSES**

<i>Name</i>	INTERESSES
<i>Code</i>	INTERESSES
<i>DBMS</i>	MySQL 5.0

**4.2.1.10.2 Check constraint name of the table INTERESSES**

TK\_INTERESSES

**4.2.1.10.3 Server validation rule of the table INTERESSES**

%RULES%

**4.2.1.10.4 Code preview of the table INTERESSES**

```
drop table if exists INTERESSES;
```

```
/*=====*/
/* Table: INTERESSES                               */
/*=====*/
create table INTERESSES
(
  COD_INTERESSE    smallint not null,
  DES_INTERESSE    varchar(50)
);
```

```
alter table INTERESSES
  add primary key (COD_INTERESSE);
```

```
alter table INTERESSE_USUARIO add constraint FK_INTERESSE_INTERESSE_USUARIO foreign key (COD_INTERESSE)
```

references INTERESSES (COD\_INTERESSE) on delete restrict on update restrict;

#### **4.2.1.10.5 List of diagrams containing the table INTERESSES**

<i>Name</i>	<i>Code</i>
DER	PHYSICALDIAGRAM_1

#### **4.2.1.10.6 List of incoming references of the table INTERESSES**

<i>Name</i>	<i>Code</i>
FK_INTERESSE_INTERESSE_USUARIO	FK_INTERESSE_INTERESSE_USUARIO

#### **4.2.1.10.7 List of all dependencies of the table INTERESSES**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
FK_INTERESSE_INTERESSE_USUARIO	FK_INTERESSE_INTERESSE_USUARIO	Reference

#### **4.2.1.10.8 List of extended attributes of the table INTERESSES**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
Temporary	(Boolean)	false	MySQL 5.0

#### **4.2.1.10.9 List of columns of the table INTERESSES**

<i>Name</i>	<i>Code</i>
COD_INTERESSE	COD_INTERESSE
DES_INTERESSE	DES_INTERESSE

#### **4.2.1.10.10 Column COD\_INTERESSE of the table INTERESSES**

##### **4.2.1.10.10.1 Card of the column COD\_INTERESSE of the table INTERESSES**

<i>Name</i>	COD_INTERESSE
<i>Code</i>	COD_INTERESSE
<i>Data Type</i>	smallint
<i>Mandatory</i>	Yes

##### **4.2.1.10.10.2 Check constraint name of the column COD\_INTERESSE of the table INTERESSES**

CK\_COD\_INTERESSE

##### **4.2.1.10.10.3 Check of the column COD\_INTERESSE of the table INTERESSES**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **4.2.1.10.10.4 Server validation rule of the column COD\_INTERESSE of the table INTERESSES**

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

##### **4.2.1.10.10.5 List of all dependencies of the table column COD\_INTERESSE**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
?	?	Reference Join
Key_1	Key_1	Key

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

#### **4.2.1.10.11 Column DES INTERESSE of the table INTERESSES**

##### **4.2.1.10.11.1 Card of the column DES INTERESSE of the table INTERESSES**

<i>Name</i>	DES_INTERESSE
<i>Code</i>	DES_INTERESSE
<i>Data Type</i>	varchar(50)
<i>Mandatory</i>	No

##### **4.2.1.10.11.2 Check constraint name of the column DES INTERESSE of the table INTERESSES**

CK\_DES\_INTERESSE

##### **4.2.1.10.11.3 Check of the column DES INTERESSE of the table INTERESSES**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **4.2.1.10.11.4 Server validation rule of the column DES INTERESSE of the table INTERESSES**

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

##### **4.2.1.10.11.5 List of extended attributes of the table column DES INTERESSE**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

#### **4.2.1.10.12 List of keys of the table INTERESSES**

<i>Name</i>	<i>Code</i>	<i>Primary</i>
Key_1	Key_1	X

#### **4.2.1.10.13 Key Key\_1 of the table INTERESSES**

##### **4.2.1.10.13.1 Card of the key Key\_1 of the table INTERESSES**

<i>Name</i>	Key_1
<i>Code</i>	Key_1
<i>Table</i>	INTERESSES

##### **4.2.1.10.13.2 Code preview of the key Key\_1 of the table INTERESSES**

```
alter table INTERESSES
  add primary key (COD_INTERESSE);
```

alter table INTERESSE\_USUARIO add constraint FK\_INTERESSE\_INTERESSE\_USUARIO foreign key (COD\_INTERESSE)  
references INTERESSES (COD\_INTERESSE) on delete restrict on update restrict;

#### 4.2.1.10.13.3 List of columns of the table key Key\_1

Name	Code
COD_INTERESSE	COD_INTERESSE

#### 4.2.1.10.13.4 List of all dependencies of the table key Key\_1

Name	Code	Class Name
FK_INTERESSE_INTERESSE_USUARIO	FK_INTERESSE_INTERESSE_USUARIO	Reference

#### 4.2.1.10.13.5 List of extended attributes of the table key Key\_1

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

#### 4.2.1.11 Table LOCALIZACAO

##### 4.2.1.11.1 Card of table LOCALIZACAO

Name	LOCALIZACAO
Code	LOCALIZACAO
DBMS	MySQL 5.0

##### 4.2.1.11.2 Check constraint name of the table LOCALIZACAO

TK\_LOCALIZACAO

##### 4.2.1.11.3 Server validation rule of the table LOCALIZACAO

%RULES%

##### 4.2.1.11.4 Code preview of the table LOCALIZACAO

drop table if exists LOCALIZACAO;

```
/*=====*/
/* Table: LOCALIZACAO */
/*=====*/
create table LOCALIZACAO
(
  COD_LOCALIZACAO int not null,
  DES_CIDADE varchar(50),
  NUM_CEP int
);
```

alter table LOCALIZACAO  
add primary key (COD\_LOCALIZACAO);

alter table PERFIL\_USUARIO add constraint FK\_LOCALIZACAO\_PERFIL\_USUARIO foreign key (COD\_LOCALIZACAO)  
references LOCALIZACAO (COD\_LOCALIZACAO) on delete restrict on update restrict;

##### 4.2.1.11.5 List of diagrams containing the table LOCALIZACAO

Name	Code
DER	PHYSICALDIAGRAM_1

##### 4.2.1.11.6 List of incoming references of the table LOCALIZACAO

Name	Code
FK_LOCALIZACAO_PERFIL_USUARIO	FK_LOCALIZACAO_PERFIL_USUARIO

**4.2.1.11.7 List of all dependencies of the table LOCALIZACAO**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
FK_LOCALIZACAO_PERFIL_USUARIO	FK_LOCALIZACAO_PERFIL_USUARIO	Reference

**4.2.1.11.8 List of extended attributes of the table LOCALIZACAO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
Temporary	(Boolean)	false	MySQL 5.0

**4.2.1.11.9 List of columns of the table LOCALIZACAO**

<i>Name</i>	<i>Code</i>
COD_LOCALIZACAO	COD_LOCALIZACAO
DES_CIDADE	DES_CIDADE
NUM_CEP	NUM_CEP

**4.2.1.11.10 Column COD LOCALIZACAO of the table LOCALIZACAO****4.2.1.11.10.1 Card of the column COD LOCALIZACAO of the table LOCALIZACAO**

<i>Name</i>	COD_LOCALIZACAO
<i>Code</i>	COD_LOCALIZACAO
<i>Data Type</i>	int
<i>Mandatory</i>	Yes

**4.2.1.11.10.2 Check constraint name of the column COD LOCALIZACAO of the table LOCALIZACAO**

CK\_COD\_LOCALIZACAO

**4.2.1.11.10.3 Check of the column COD LOCALIZACAO of the table LOCALIZACAO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.2.1.11.10.4 Server validation rule of the column COD LOCALIZACAO of the table LOCALIZACAO**

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

**4.2.1.11.10.5 List of all dependencies of the table column COD LOCALIZACAO**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
?	?	Reference Join
Key_1	Key_1	Key

**4.2.1.11.10.6 List of extended attributes of the table column COD LOCALIZACAO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

**4.2.1.11.11 Column DES CIDADE of the table LOCALIZACAO**



**4.2.1.11.11.1 Card of the column DES\_CIDADE of the table LOCALIZACAO**

<i>Name</i>	DES_CIDADE
<i>Code</i>	DES_CIDADE
<i>Data Type</i>	varchar(50)
<i>Mandatory</i>	No

**4.2.1.11.11.2 Check constraint name of the column DES\_CIDADE of the table LOCALIZACAO**

CK\_DES\_CIDADE

**4.2.1.11.11.3 Check of the column DES\_CIDADE of the table LOCALIZACAO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.2.1.11.11.4 Server validation rule of the column DES\_CIDADE of the table LOCALIZACAO**

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

**4.2.1.11.11.5 List of extended attributes of the table column DES\_CIDADE**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

**4.2.1.11.12 Column NUM\_CEP of the table LOCALIZACAO****4.2.1.11.12.1 Card of the column NUM\_CEP of the table LOCALIZACAO**

<i>Name</i>	NUM_CEP
<i>Code</i>	NUM_CEP
<i>Data Type</i>	int
<i>Mandatory</i>	No

**4.2.1.11.12.2 Check constraint name of the column NUM\_CEP of the table LOCALIZACAO**

CK\_NUM\_CEP

**4.2.1.11.12.3 Check of the column NUM\_CEP of the table LOCALIZACAO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.2.1.11.12.4 Server validation rule of the column NUM\_CEP of the table LOCALIZACAO**

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

**4.2.1.11.12.5 List of extended attributes of the table column NUM CEP**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

**4.2.1.11.13 List of keys of the table LOCALIZACAO**

<i>Name</i>	<i>Code</i>	<i>Primary</i>
Key_1	Key_1	X

**4.2.1.11.14 Key Key\_1 of the table LOCALIZACAO****4.2.1.11.14.1 Card of the key Key\_1 of the table LOCALIZACAO**

<i>Name</i>	Key_1
<i>Code</i>	Key_1
<i>Table</i>	LOCALIZACAO

**4.2.1.11.14.2 Code preview of the key Key\_1 of the table LOCALIZACAO**

alter table LOCALIZACAO

add primary key (COD\_LOCALIZACAO);

alter table PERFIL\_USUARIO add constraint FK\_LOCALIZACAO\_PERFIL\_USUARIO foreign key (COD\_LOCALIZACAO) references LOCALIZACAO (COD\_LOCALIZACAO) on delete restrict on update restrict;

**4.2.1.11.14.3 List of columns of the table key Key\_1**

<i>Name</i>	<i>Code</i>
COD_LOCALIZACAO	COD_LOCALIZACAO

**4.2.1.11.14.4 List of all dependencies of the table key Key\_1**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
FK_LOCALIZACAO_PERFIL_USUARIO	FK_LOCALIZACAO_PERFIL_USUARIO	Reference

**4.2.1.11.14.5 List of extended attributes of the table key Key\_1**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ExtUnique	(Boolean)	false	MySQL 5.0

**4.2.1.12 Table MENSAGEM****4.2.1.12.1 Card of table MENSAGEM**

<i>Name</i>	MENSAGEM
<i>Code</i>	MENSAGEM
<i>DBMS</i>	MySQL 5.0

**4.2.1.12.2 Check constraint name of the table MENSAGEM**

TK\_MENSAGEM

**4.2.1.12.3 Server validation rule of the table MENSAGEM**

%RULES%

**4.2.1.12.4 Code preview of the table MENSAGEM**

drop table if exists MENSAGEM;

```

/*=====*/
/* Table: MENSAGEM                                */
/*=====*/
create table MENSAGEM
(
  COD_MENSAGEM      int not null,
  DES_DESTINATARIO  varchar(50),
  DTA_MSG           date,
  HOR_MSG           time,
  COD_CADASTRO_USUARIO int not null
);

```

```

alter table MENSAGEM
  add primary key (COD_MENSAGEM);

```

```

alter table MENSAGEM add constraint FK_USUARIO_MENSAGEM foreign key (COD_CADASTRO_USUARIO)
  references PERFIL_USUARIO (COD_PERFIL) on delete restrict on update restrict;

```

#### **4.2.1.12.5 List of diagrams containing the table MENSAGEM**

<i>Name</i>	<i>Code</i>
DER	PHYSICALDIAGRAM_1

#### **4.2.1.12.6 List of outgoing references of the table MENSAGEM**

<i>Name</i>	<i>Code</i>	<i>Foreign Key Columns</i>
FK_USUARIO_MENSAGEM	FK_USUARIO_MENSAGEM	COD_CADASTRO_USUARIO

#### **4.2.1.12.7 List of all dependencies of the table MENSAGEM**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
FK_USUARIO_MENSAGEM	FK_USUARIO_MENSAGEM	Reference

#### **4.2.1.12.8 List of extended attributes of the table MENSAGEM**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
Temporary	(Boolean)	false	MySQL 5.0

#### **4.2.1.12.9 List of columns of the table MENSAGEM**

<i>Name</i>	<i>Code</i>
COD_MENSAGEM	COD_MENSAGEM
DES_DESTINATÁRIO	DES_DESTINATARIO
DTA_MSG	DTA_MSG
HOR_MSG	HOR_MSG
COD_CADASTRO_USUARIO	COD_CADASTRO_USUARIO

#### **4.2.1.12.10 Column COD\_MENSAGEM of the table MENSAGEM**

##### **4.2.1.12.10.1 Card of the column COD\_MENSAGEM of the table MENSAGEM**

<i>Name</i>	COD_MENSAGEM
<i>Code</i>	COD_MENSAGEM
<i>Data Type</i>	int
<i>Mandatory</i>	Yes

##### **4.2.1.12.10.2 Check constraint name of the column COD\_MENSAGEM of the table MENSAGEM**

CK\_COD\_MENSAGEM

**4.2.1.12.10.3 Check of the column COD\_MENSAGEM of the table MENSAGEM**

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

**4.2.1.12.10.4 Server validation rule of the column COD\_MENSAGEM of the table MENSAGEM**

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

**4.2.1.12.10.5 List of all dependencies of the table column COD\_MENSAGEM**

Name	Code	Class Name
Key_1	Key_1	Key

**4.2.1.12.10.6 List of extended attributes of the table column COD\_MENSAGEM**

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

**4.2.1.12.11 Column DES\_DESTINATÁRIO of the table MENSAGEM****4.2.1.12.11.1 Card of the column DES\_DESTINATÁRIO of the table MENSAGEM**

Name	DES_DESTINATÁRIO
Code	DES_DESTINATARIO
Data Type	varchar(50)
Mandatory	No

**4.2.1.12.11.2 Check constraint name of the column DES\_DESTINATÁRIO of the table MENSAGEM**

CK\_DES\_DESTINATARIO

**4.2.1.12.11.3 Check of the column DES\_DESTINATÁRIO of the table MENSAGEM**

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

**4.2.1.12.11.4 Server validation rule of the column DES\_DESTINATÁRIO of the table MENSAGEM**

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

**4.2.1.12.11.5 List of extended attributes of the table column DES\_DESTINATÁRIO**

Name	Data Type	Value	Target Name
CharSet	Charsets		MySQL 5.0
Collate	(String)		MySQL 5.0

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

#### **4.2.1.12.12 Column DTA MSG of the table MENSAGEM**

##### **4.2.1.12.12.1 Card of the column DTA MSG of the table MENSAGEM**

<i>Name</i>	DTA_MSG
<i>Code</i>	DTA_MSG
<i>Data Type</i>	date
<i>Mandatory</i>	No

##### **4.2.1.12.12.2 Check constraint name of the column DTA MSG of the table MENSAGEM**

CK\_DTA\_MSG

##### **4.2.1.12.12.3 Check of the column DTA MSG of the table MENSAGEM**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **4.2.1.12.12.4 Server validation rule of the column DTA MSG of the table MENSAGEM**

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

##### **4.2.1.12.12.5 List of extended attributes of the table column DTA MSG**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

#### **4.2.1.12.13 Column HOR MSG of the table MENSAGEM**

##### **4.2.1.12.13.1 Card of the column HOR MSG of the table MENSAGEM**

<i>Name</i>	HOR_MSG
<i>Code</i>	HOR_MSG
<i>Data Type</i>	time
<i>Mandatory</i>	No

##### **4.2.1.12.13.2 Check constraint name of the column HOR MSG of the table MENSAGEM**

CK\_HOR\_MSG

##### **4.2.1.12.13.3 Check of the column HOR MSG of the table MENSAGEM**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	

<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### **4.2.1.12.13.4 Server validation rule of the column HOR\_MSG of the table MENSAGEM**

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

#### **4.2.1.12.13.5 List of extended attributes of the table column HOR\_MSG**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

#### **4.2.1.12.14 Column COD\_CADASTRO\_USUARIO of the table MENSAGEM**

##### **4.2.1.12.14.1 Card of the column COD\_CADASTRO\_USUARIO of the table MENSAGEM**

<i>Name</i>	COD_CADASTRO_USUARIO
<i>Code</i>	COD_CADASTRO_USUARIO
<i>Data Type</i>	int
<i>Mandatory</i>	Yes

##### **4.2.1.12.14.2 Check constraint name of the column COD\_CADASTRO\_USUARIO of the table MENSAGEM**

CK\_COD\_CADASTRO\_USUARIO

##### **4.2.1.12.14.3 Check of the column COD\_CADASTRO\_USUARIO of the table MENSAGEM**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **4.2.1.12.14.4 Server validation rule of the column COD\_CADASTRO\_USUARIO of the table MENSAGEM**

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

##### **4.2.1.12.14.5 List of all dependencies of the table column COD\_CADASTRO\_USUARIO**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
?	?	Reference Join

##### **4.2.1.12.14.6 List of extended attributes of the table column COD\_CADASTRO\_USUARIO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

##### **4.2.1.12.15 List of keys of the table MENSAGEM**

<i>Name</i>	<i>Code</i>	<i>Primary</i>
-------------	-------------	----------------

<i>Name</i>	<i>Code</i>	<i>Primary</i>
Key_1	Key_1	X

#### **4.2.1.12.16 Key Key\_1 of the table MENSAGEM**

##### **4.2.1.12.16.1 Card of the key Key\_1 of the table MENSAGEM**

<i>Name</i>	Key_1
<i>Code</i>	Key_1
<i>Table</i>	MENSAGEM

##### **4.2.1.12.16.2 Code preview of the key Key\_1 of the table MENSAGEM**

```
alter table MENSAGEM
  add primary key (COD_MENSAGEM);
```

##### **4.2.1.12.16.3 List of columns of the table key Key\_1**

<i>Name</i>	<i>Code</i>
COD_MENSAGEM	COD_MENSAGEM

##### **4.2.1.12.16.4 List of extended attributes of the table key Key\_1**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ExtUnique	(Boolean)	false	MySQL 5.0

#### **4.2.1.13 Table NIVEL\_CONHECIMENTO**

##### **4.2.1.13.1 Card of table NIVEL\_CONHECIMENTO**

<i>Name</i>	NIVEL_CONHECIMENTO
<i>Code</i>	NIVEL_CONHECIMENTO
<i>DBMS</i>	MySQL 5.0

##### **4.2.1.13.2 Check constraint name of the table NIVEL\_CONHECIMENTO**

TK\_NIVEL\_CONHECIMENTO

##### **4.2.1.13.3 Server validation rule of the table NIVEL\_CONHECIMENTO**

%RULES%

##### **4.2.1.13.4 Code preview of the table NIVEL\_CONHECIMENTO**

```
drop table if exists NIVEL_CONHECIMENTO;
```

```
/*=====*/
/* Table: NIVEL_CONHECIMENTO */
/*=====*/
create table NIVEL_CONHECIMENTO
(
  COD_NIVEL_IDIOMA int not null,
  DES_NIVEL varchar(50)
);
```

```
alter table NIVEL_CONHECIMENTO
  add primary key (COD_NIVEL_IDIOMA);
```

```
alter table IDIOMA_CONHECIMENTO add constraint FK_NIVEL_CONHECIMENTO_IDIOMA_CONHECIMENTO foreign
key (COD_NIVEL_IDIOMA)
  references NIVEL_CONHECIMENTO (COD_NIVEL_IDIOMA) on delete restrict on update restrict;
```

Name	Code
DER	PHYSICALDIAGRAM_1

**4.2.1.13.6 List of incoming references of the table NIVEL CONHECIMENTO**

Name	Code
FK_NIVEL_CONHECIMENTO_IDIOMA_CONHECIMENTO	Reference_14

**4.2.1.13.7 List of all dependencies of the table NIVEL CONHECIMENTO**

Name	Code	Class Name
FK_NIVEL_CONHECIMENTO_IDIOMA_CONHECIMENTO	Reference_14	Reference

**4.2.1.13.8 List of extended attributes of the table NIVEL CONHECIMENTO**

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

**4.2.1.13.9 List of columns of the table NIVEL CONHECIMENTO**

Name	Code
COD_NIVEL_IDIOMA	COD_NIVEL_IDIOMA
DES_NIVEL	DES_NIVEL

**4.2.1.13.10 Column COD NIVEL IDIOMA of the table NIVEL CONHECIMENTO****4.2.1.13.10.1 Card of the column COD NIVEL IDIOMA of the table NIVEL CONHECIMENTO**

Name	COD_NIVEL_IDIOMA
Code	COD_NIVEL_IDIOMA
Data Type	int
Mandatory	Yes

**4.2.1.13.10.2 Check constraint name of the column COD NIVEL IDIOMA of the table NIVEL CONHECIMENTO**

CK\_COD\_NIVEL\_IDIOMA

**4.2.1.13.10.3 Check of the column COD NIVEL IDIOMA of the table NIVEL CONHECIMENTO**

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

**4.2.1.13.10.4 Server validation rule of the column COD NIVEL IDIOMA of the table NIVEL CONHECIMENTO**

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

**4.2.1.13.10.5 List of all dependencies of the table column COD NIVEL IDIOMA**

Name	Code	Class Name
?	?	Reference Join
Key_1	Key_1	Key

**4.2.1.13.10.6 List of extended attributes of the table column COD NIVEL IDIOMA**

Name	Data Type	Value	Target Name
------	-----------	-------	-------------



<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

#### **4.2.1.13.11 Column DES\_NIVEL of the table NIVEL\_CONHECIMENTO**

##### **4.2.1.13.11.1 Card of the column DES\_NIVEL of the table NIVEL\_CONHECIMENTO**

<i>Name</i>	DES_NIVEL
<i>Code</i>	DES_NIVEL
<i>Data Type</i>	varchar(50)
<i>Mandatory</i>	No

##### **4.2.1.13.11.2 Check constraint name of the column DES\_NIVEL of the table NIVEL\_CONHECIMENTO**

CK\_DES\_NIVEL

##### **4.2.1.13.11.3 Check of the column DES\_NIVEL of the table NIVEL\_CONHECIMENTO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **4.2.1.13.11.4 Server validation rule of the column DES\_NIVEL of the table NIVEL\_CONHECIMENTO**

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

##### **4.2.1.13.11.5 List of extended attributes of the table column DES\_NIVEL**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

#### **4.2.1.13.12 List of keys of the table NIVEL\_CONHECIMENTO**

<i>Name</i>	<i>Code</i>	<i>Primary</i>
Key_1	Key_1	X

#### **4.2.1.13.13 Key Key\_1 of the table NIVEL\_CONHECIMENTO**

##### **4.2.1.13.13.1 Card of the key Key\_1 of the table NIVEL\_CONHECIMENTO**

<i>Name</i>	Key_1
<i>Code</i>	Key_1
<i>Table</i>	NIVEL_CONHECIMENTO

##### **4.2.1.13.13.2 Code preview of the key Key\_1 of the table NIVEL\_CONHECIMENTO**

```
alter table NIVEL_CONHECIMENTO
add primary key (COD_NIVEL_IDIOMA);
```

alter table IDIOMA\_CONHECIMENTO add constraint FK\_NIVEL\_CONHECIMENTO\_IDIOMA\_CONHECIMENTO foreign key (COD\_NIVEL\_IDIOMA)  
references NIVEL\_CONHECIMENTO (COD\_NIVEL\_IDIOMA) on delete restrict on update restrict;

#### 4.2.1.13.13.3 List of columns of the table key Key\_1

Name	Code
COD_NIVEL_IDIOMA	COD_NIVEL_IDIOMA

#### 4.2.1.13.13.4 List of all dependencies of the table key Key\_1

Name	Code	Class Name
FK_NIVEL_CONHECIMENTO_IDIOMA_CONHECIMENTO	Reference_14	Reference

#### 4.2.1.13.13.5 List of extended attributes of the table key Key\_1

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

#### 4.2.1.14 Table PERFIL\_USUARIO

##### 4.2.1.14.1 Card of table PERFIL\_USUARIO

Name	PERFIL_USUARIO
Code	PERFIL_USUARIO
DBMS	MySQL 5.0

##### 4.2.1.14.2 Check constraint name of the table PERFIL\_USUARIO

TK\_PERFIL\_USUARIO

##### 4.2.1.14.3 Server validation rule of the table PERFIL\_USUARIO

%RULES%

##### 4.2.1.14.4 Code preview of the table PERFIL\_USUARIO

drop table if exists PERFIL\_USUARIO;

```
/*=====*/
/* Table: PERFIL_USUARIO */
/*=====*/
```

create table PERFIL\_USUARIO

```
(
  COD_PERFIL      int not null,
  COD_GENERO      int,
  COD_LOCALIZACAO int,
  NOM_USUARIO     varchar(50),
  DES_EMAIL       varchar(70),
  DES_SENHA       varchar(20),
  DES_PERFIL      varchar(300),
  ARQ_FOTO_PERFIL blob,
  DTA_NASCIMENTO  date
);
```

alter table PERFIL\_USUARIO  
add primary key (COD\_PERFIL);

alter table ALUNO add constraint FK\_USUARIO\_ALUNO foreign key (COD\_CADASTRO)  
references PERFIL\_USUARIO (COD\_PERFIL) on delete restrict on update restrict;

alter table INTERESSE\_USUARIO add constraint FK\_USUARIO\_INTERESSE\_USUARIO foreign key (COD\_CADASTRO)  
references PERFIL\_USUARIO (COD\_PERFIL) on delete restrict on update restrict;

alter table MENSAGEM add constraint FK\_USUARIO\_MENSAGEM foreign key (COD\_CADASTRO\_USUARIO)  
references PERFIL\_USUARIO (COD\_PERFIL) on delete restrict on update restrict;

alter table PERFIL\_USUARIO add constraint FK\_LOCALIZACAO\_PERFIL\_USUARIO foreign key (COD\_LOCALIZACAO)  
references LOCALIZACAO (COD\_LOCALIZACAO) on delete restrict on update restrict;

alter table PERFIL\_USUARIO add constraint FK\_GENERO\_PERFIL\_USUARIO foreign key (COD\_GENERO)  
references GENERO (COD\_GENERO) on delete restrict on update restrict;

alter table PROFESSOR add constraint FK\_USUARIO\_PROFESSOR foreign key (COD\_CADASTRO)  
references PERFIL\_USUARIO (COD\_PERFIL) on delete restrict on update restrict;

alter table PUBLICACAO\_FORUM add constraint FK\_USUARIO\_PUBLICACAO\_FORUM foreign key  
(COD\_CADASTRO\_USUARIO)  
references PERFIL\_USUARIO (COD\_PERFIL) on delete restrict on update restrict;

#### **4.2.1.14.5 List of diagrams containing the table PERFIL\_USUARIO**

<i>Name</i>	<i>Code</i>
DER	PHYSICALDIAGRAM_1

#### **4.2.1.14.6 List of incoming references of the table PERFIL\_USUARIO**

<i>Name</i>	<i>Code</i>
FK_USUARIO_ALUNO	FK_USUARIO_ALUNO
FK_USUARIO_INTERESSE_USUARIO	FK_USUARIO_INTERESSE_USUARIO
FK_USUARIO_MENSAGEM	FK_USUARIO_MENSAGEM
FK_USUARIO_PROFESSOR	FK_USUARIO_PROFESSOR
FK_USUARIO_PUBLICACAO_FORUM	FK_USUARIO_PUBLICACAO_FORUM

#### **4.2.1.14.7 List of outgoing references of the table PERFIL\_USUARIO**

<i>Name</i>	<i>Code</i>	<i>Foreign Key Columns</i>
FK_GENERO_PERFIL_USUARIO	Reference_12	COD_GENERO
FK_LOCALIZACAO_PERFIL_USUARIO	FK_LOCALIZACAO_PERFIL_USUARIO	COD_LOCALIZACAO

#### **4.2.1.14.8 List of all dependencies of the table PERFIL\_USUARIO**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
FK_GENERO_PERFIL_USUARIO	Reference_12	Reference
FK_LOCALIZACAO_PERFIL_USUARIO	FK_LOCALIZACAO_PERFIL_USUARIO	Reference
FK_USUARIO_ALUNO	FK_USUARIO_ALUNO	Reference
FK_USUARIO_INTERESSE_USUARIO	FK_USUARIO_INTERESSE_USUARIO	Reference
FK_USUARIO_MENSAGEM	FK_USUARIO_MENSAGEM	Reference
FK_USUARIO_PROFESSOR	FK_USUARIO_PROFESSOR	Reference
FK_USUARIO_PUBLICACAO_FORUM	FK_USUARIO_PUBLICACAO_FORUM	Reference

#### **4.2.1.14.9 List of extended attributes of the table PERFIL\_USUARIO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
Temporary	(Boolean)	false	MySQL 5.0

#### **4.2.1.14.10 List of columns of the table PERFIL\_USUARIO**

<i>Name</i>	<i>Code</i>
COD_PERFIL	COD_PERFIL
COD_GENERO	COD_GENERO

<i>Name</i>	<i>Code</i>
COD_LOCALIZACAO	COD_LOCALIZACAO
NOM_USUARIO	NOM_USUARIO
DES_EMAIL	DES_EMAIL
DES_SENHA	DES_SENHA
DES_PERFIL	DES_PERFIL
ARQ_FOTO_PERFIL	ARQ_FOTO_PERFIL
DTA_NASCIMENTO	DTA_NASCIMENTO

#### **4.2.1.14.11 Column COD PERFIL of the table PERFIL USUARIO**

##### **4.2.1.14.11.1 Card of the column COD PERFIL of the table PERFIL USUARIO**

<i>Name</i>	COD_PERFIL
<i>Code</i>	COD_PERFIL
<i>Data Type</i>	int
<i>Mandatory</i>	Yes

##### **4.2.1.14.11.2 Check constraint name of the column COD PERFIL of the table PERFIL USUARIO**

CK\_COD\_PERFIL

##### **4.2.1.14.11.3 Check of the column COD PERFIL of the table PERFIL USUARIO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **4.2.1.14.11.4 Server validation rule of the column COD PERFIL of the table PERFIL USUARIO**

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

##### **4.2.1.14.11.5 List of all dependencies of the table column COD PERFIL**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
?	?	Reference Join
?	?	Reference Join
?	?	Reference Join
?	?	Reference Join
?	?	Reference Join
Key_1	Key_1	Key

##### **4.2.1.14.11.6 List of extended attributes of the table column COD PERFIL**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

##### **4.2.1.14.12 Column COD GENERO of the table PERFIL USUARIO**

**4.2.1.14.12.1 Card of the column COD\_GENERO of the table PERFIL\_USUARIO**

<i>Name</i>	COD_GENERO
<i>Code</i>	COD_GENERO
<i>Data Type</i>	int
<i>Mandatory</i>	No

**4.2.1.14.12.2 Check constraint name of the column COD\_GENERO of the table PERFIL\_USUARIO**

CK\_COD\_GENERO

**4.2.1.14.12.3 Check of the column COD\_GENERO of the table PERFIL\_USUARIO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.2.1.14.12.4 Server validation rule of the column COD\_GENERO of the table PERFIL\_USUARIO**

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

**4.2.1.14.12.5 List of all dependencies of the table column COD\_GENERO**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
?	?	Reference Join

**4.2.1.14.12.6 List of extended attributes of the table column COD\_GENERO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

**4.2.1.14.13 Column COD\_LOCALIZACAO of the table PERFIL\_USUARIO****4.2.1.14.13.1 Card of the column COD\_LOCALIZACAO of the table PERFIL\_USUARIO**

<i>Name</i>	COD_LOCALIZACAO
<i>Code</i>	COD_LOCALIZACAO
<i>Data Type</i>	int
<i>Mandatory</i>	No

**4.2.1.14.13.2 Check constraint name of the column COD\_LOCALIZACAO of the table PERFIL\_USUARIO**

CK\_COD\_LOCALIZACAO

**4.2.1.14.13.3 Check of the column COD\_LOCALIZACAO of the table PERFIL\_USUARIO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	

<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### **4.2.1.14.13.4 Server validation rule of the column COD\_LOCALIZACAO of the table PERFIL\_USUARIO**

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

#### **4.2.1.14.13.5 List of all dependencies of the table column COD\_LOCALIZACAO**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
?	?	Reference Join

#### **4.2.1.14.13.6 List of extended attributes of the table column COD\_LOCALIZACAO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

#### **4.2.1.14.14 Column NOM\_USUARIO of the table PERFIL\_USUARIO**

##### **4.2.1.14.14.1 Card of the column NOM\_USUARIO of the table PERFIL\_USUARIO**

<i>Name</i>	NOM_USUARIO
<i>Code</i>	NOM_USUARIO
<i>Data Type</i>	varchar(50)
<i>Mandatory</i>	No

##### **4.2.1.14.14.2 Check constraint name of the column NOM\_USUARIO of the table PERFIL\_USUARIO**

CK\_NOM\_USUARIO

##### **4.2.1.14.14.3 Check of the column NOM\_USUARIO of the table PERFIL\_USUARIO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **4.2.1.14.14.4 Server validation rule of the column NOM\_USUARIO of the table PERFIL\_USUARIO**

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

##### **4.2.1.14.14.5 List of extended attributes of the table column NOM\_USUARIO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

#### **4.2.1.14.15 Column DES\_EMAIL of the table PERFIL\_USUARIO**

<i>Name</i>	DES_EMAIL
<i>Code</i>	DES_EMAIL
<i>Data Type</i>	varchar(70)
<i>Mandatory</i>	No

#### **4.2.1.14.15.2 Check constraint name of the column DES\_EMAIL of the table PERFIL\_USUARIO**

CK\_DES\_EMAIL

#### **4.2.1.14.15.3 Check of the column DES\_EMAIL of the table PERFIL\_USUARIO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### **4.2.1.14.15.4 Server validation rule of the column DES\_EMAIL of the table PERFIL\_USUARIO**

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

#### **4.2.1.14.15.5 List of extended attributes of the table column DES\_EMAIL**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

#### **4.2.1.14.16 Column DES\_SENHA of the table PERFIL\_USUARIO**

##### **4.2.1.14.16.1 Card of the column DES\_SENHA of the table PERFIL\_USUARIO**

<i>Name</i>	DES_SENHA
<i>Code</i>	DES_SENHA
<i>Data Type</i>	varchar(20)
<i>Mandatory</i>	No

#### **4.2.1.14.16.2 Check constraint name of the column DES\_SENHA of the table PERFIL\_USUARIO**

CK\_DES\_SENHA

#### **4.2.1.14.16.3 Check of the column DES\_SENHA of the table PERFIL\_USUARIO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### **4.2.1.14.16.4 Server validation rule of the column DES\_SENHA of the table PERFIL\_USUARIO**

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

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

#### **4.2.1.14.17 Column DES PERFIL of the table PERFIL\_USUARIO**

##### **4.2.1.14.17.1 Card of the column DES PERFIL of the table PERFIL\_USUARIO**

<i>Name</i>	DES_PERFIL
<i>Code</i>	DES_PERFIL
<i>Data Type</i>	varchar(300)
<i>Mandatory</i>	No

##### **4.2.1.14.17.2 Check constraint name of the column DES PERFIL of the table PERFIL\_USUARIO**

CK\_DES\_PERFIL

##### **4.2.1.14.17.3 Check of the column DES PERFIL of the table PERFIL\_USUARIO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **4.2.1.14.17.4 Server validation rule of the column DES PERFIL of the table PERFIL\_USUARIO**

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

##### **4.2.1.14.17.5 List of extended attributes of the table column DES PERFIL**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

#### **4.2.1.14.18 Column ARQ FOTO PERFIL of the table PERFIL\_USUARIO**

##### **4.2.1.14.18.1 Card of the column ARQ FOTO PERFIL of the table PERFIL\_USUARIO**

<i>Name</i>	ARQ_FOTO_PERFIL
<i>Code</i>	ARQ_FOTO_PERFIL
<i>Data Type</i>	blob
<i>Mandatory</i>	No

##### **4.2.1.14.18.2 Check constraint name of the column ARQ FOTO PERFIL of the table PERFIL\_USUARIO**

CK\_ARQ\_FOTO\_PERFIL

##### **4.2.1.14.18.3 Check of the column ARQ FOTO PERFIL of the table PERFIL\_USUARIO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	



<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### **4.2.1.14.18.4 Server validation rule of the column ARQ FOTO PERFIL of the table PERFIL USUARIO**

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

#### **4.2.1.14.18.5 List of extended attributes of the table column ARQ FOTO PERFIL**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

#### **4.2.1.14.19 Column DTA NASCIMENTO of the table PERFIL USUARIO**

##### **4.2.1.14.19.1 Card of the column DTA NASCIMENTO of the table PERFIL USUARIO**

<i>Name</i>	DTA_NASCIMENTO
<i>Code</i>	DTA_NASCIMENTO
<i>Data Type</i>	date
<i>Mandatory</i>	No

##### **4.2.1.14.19.2 Check constraint name of the column DTA NASCIMENTO of the table PERFIL USUARIO**

CK\_DTA\_NASCIMENTO

##### **4.2.1.14.19.3 Check of the column DTA NASCIMENTO of the table PERFIL USUARIO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **4.2.1.14.19.4 Server validation rule of the column DTA NASCIMENTO of the table PERFIL USUARIO**

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

##### **4.2.1.14.19.5 List of extended attributes of the table column DTA NASCIMENTO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

#### **4.2.1.14.20 List of keys of the table PERFIL USUARIO**

<i>Name</i>	<i>Code</i>	<i>Primary</i>
Key_1	Key_1	X

**4.2.1.14.21 Key Key\_1 of the table PERFIL\_USUARIO****4.2.1.14.21.1 Card of the key Key\_1 of the table PERFIL\_USUARIO**

<i>Name</i>	Key_1
<i>Code</i>	Key_1
<i>Table</i>	PERFIL_USUARIO

**4.2.1.14.21.2 Code preview of the key Key\_1 of the table PERFIL\_USUARIO**

```
alter table PERFIL_USUARIO
  add primary key (COD_PERFIL);
```

```
alter table ALUNO add constraint FK_USUARIO_ALUNO foreign key (COD_CADASTRO)
  references PERFIL_USUARIO (COD_PERFIL) on delete restrict on update restrict;
```

```
alter table INTERESSE_USUARIO add constraint FK_USUARIO_INTERESSE_USUARIO foreign key (COD_CADASTRO)
  references PERFIL_USUARIO (COD_PERFIL) on delete restrict on update restrict;
```

```
alter table MENSAGEM add constraint FK_USUARIO_MENSAGEM foreign key (COD_CADASTRO_USUARIO)
  references PERFIL_USUARIO (COD_PERFIL) on delete restrict on update restrict;
```

```
alter table PROFESSOR add constraint FK_USUARIO_PROFESSOR foreign key (COD_CADASTRO)
  references PERFIL_USUARIO (COD_PERFIL) on delete restrict on update restrict;
```

```
alter table PUBLICACAO_FORUM add constraint FK_USUARIO_PUBLICACAO_FORUM foreign key
(COD_CADASTRO_USUARIO)
  references PERFIL_USUARIO (COD_PERFIL) on delete restrict on update restrict;
```

**4.2.1.14.21.3 List of columns of the table key Key\_1**

<i>Name</i>	<i>Code</i>
COD_PERFIL	COD_PERFIL

**4.2.1.14.21.4 List of all dependencies of the table key Key\_1**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
FK_USUARIO_ALUNO	FK_USUARIO_ALUNO	Reference
FK_USUARIO_INTERESSE_USUARIO	FK_USUARIO_INTERESSE_USUARIO	Reference
FK_USUARIO_MENSAGEM	FK_USUARIO_MENSAGEM	Reference
FK_USUARIO_PROFESSOR	FK_USUARIO_PROFESSOR	Reference
FK_USUARIO_PUBLICACAO_FORUM	FK_USUARIO_PUBLICACAO_FORUM	Reference

**4.2.1.14.21.5 List of extended attributes of the table key Key\_1**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ExtUnique	(Boolean)	false	MySQL 5.0

**4.2.1.15 Table PROFESSOR****4.2.1.15.1 Card of table PROFESSOR**

<i>Name</i>	PROFESSOR
<i>Code</i>	PROFESSOR
<i>DBMS</i>	MySQL 5.0

**4.2.1.15.2 Check constraint name of the table PROFESSOR**

TK\_PROFESSOR

**4.2.1.15.3 Server validation rule of the table PROFESSOR**

%RULES%

**4.2.1.15.4 Code preview of the table PROFESSOR**

drop table if exists PROFESSOR;

```
/*=====*/
/* Table: PROFESSOR */
/*=====*/
```

create table PROFESSOR

```
(
  COD_PROFESSOR      int not null,
  ARQ_CERTIFICADO    mediumblob,
  COD_CADASTRO        int not null
);
```

alter table PROFESSOR

add primary key (COD\_PROFESSOR);

alter table PROFESSOR add constraint FK\_USUARIO\_PROFESSOR foreign key (COD\_CADASTRO)  
references PERFIL\_USUARIO (COD\_PERFIL) on delete restrict on update restrict;

alter table PROFESSOR\_IDIOMA add constraint FK\_PROFESSOR\_PROFESSOR\_IDIOMA foreign key (COD\_PROFESSOR)  
references PROFESSOR (COD\_PROFESSOR) on delete restrict on update restrict;

**4.2.1.15.5 List of diagrams containing the table PROFESSOR**

Name	Code
DER	PHYSICALDIAGRAM_1

**4.2.1.15.6 List of incoming references of the table PROFESSOR**

Name	Code
FK_PROFESSOR_PROFESSOR_IDIOMA	FK_PROFESSOR_PROFESSOR_IDIOMA

**4.2.1.15.7 List of outgoing references of the table PROFESSOR**

Name	Code	Foreign Key Columns
FK_USUARIO_PROFESSOR	FK_USUARIO_PROFESSOR	COD_CADASTRO

**4.2.1.15.8 List of all dependencies of the table PROFESSOR**

Name	Code	Class Name
FK_PROFESSOR_PROFESSOR_IDIOMA	FK_PROFESSOR_PROFESSOR_IDIOMA	Reference
FK_USUARIO_PROFESSOR	FK_USUARIO_PROFESSOR	Reference

**4.2.1.15.9 List of extended attributes of the table PROFESSOR**

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

**4.2.1.15.10 List of columns of the table PROFESSOR**

Name	Code
COD_PROFESSOR	COD_PROFESSOR
ARQ_CERTIFICADO	ARQ_CERTIFICADO
COD_CADASTRO	COD_CADASTRO

**4.2.1.15.11 Column COD\_PROFESSOR of the table PROFESSOR****4.2.1.15.11.1 Card of the column COD\_PROFESSOR of the table PROFESSOR**

Name	COD_PROFESSOR
Code	COD_PROFESSOR

<i>Data Type</i>	int
<i>Mandatory</i>	Yes

**4.2.1.15.11.2 Check constraint name of the column COD PROFESSOR of the table PROFESSOR**

CK\_COD\_PROFESSOR

**4.2.1.15.11.3 Check of the column COD PROFESSOR of the table PROFESSOR**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.2.1.15.11.4 Server validation rule of the column COD PROFESSOR of the table PROFESSOR**

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

**4.2.1.15.11.5 List of all dependencies of the table column COD PROFESSOR**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
?	?	Reference Join
Key_1	Key_1	Key

**4.2.1.15.11.6 List of extended attributes of the table column COD PROFESSOR**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

**4.2.1.15.12 Column ARQ CERTIFICADO of the table PROFESSOR****4.2.1.15.12.1 Card of the column ARQ CERTIFICADO of the table PROFESSOR**

<i>Name</i>	ARQ_CERTIFICADO
<i>Code</i>	ARQ_CERTIFICADO
<i>Data Type</i>	mediumblob
<i>Mandatory</i>	No

**4.2.1.15.12.2 Check constraint name of the column ARQ CERTIFICADO of the table PROFESSOR**

CK\_ARQ\_CERTIFICADO

**4.2.1.15.12.3 Check of the column ARQ CERTIFICADO of the table PROFESSOR**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.2.1.15.12.4 Server validation rule of the column ARQ CERTIFICADO of the table PROFESSOR**

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

**4.2.1.15.12.5 List of extended attributes of the table column ARQ CERTIFICADO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

**4.2.1.15.13 Column COD CADASTRO of the table PROFESSOR****4.2.1.15.13.1 Card of the column COD CADASTRO of the table PROFESSOR**

<i>Name</i>	COD_CADASTRO
<i>Code</i>	COD_CADASTRO
<i>Data Type</i>	int
<i>Mandatory</i>	Yes

**4.2.1.15.13.2 Check constraint name of the column COD CADASTRO of the table PROFESSOR**

CK\_COD\_CADASTRO

**4.2.1.15.13.3 Check of the column COD CADASTRO of the table PROFESSOR**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.2.1.15.13.4 Server validation rule of the column COD CADASTRO of the table PROFESSOR**

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

**4.2.1.15.13.5 List of all dependencies of the table column COD CADASTRO**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
?	?	Reference Join

**4.2.1.15.13.6 List of extended attributes of the table column COD CADASTRO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

**4.2.1.15.14 List of keys of the table PROFESSOR**

<i>Name</i>	<i>Code</i>	<i>Primary</i>
Key_1	Key_1	X

**4.2.1.15.15 Key Key\_1 of the table PROFESSOR**

**4.2.1.15.15.1 Card of the key Key\_1 of the table PROFESSOR**

<i>Name</i>	Key_1
<i>Code</i>	Key_1
<i>Table</i>	PROFESSOR

**4.2.1.15.15.2 Code preview of the key Key\_1 of the table PROFESSOR**

```
alter table PROFESSOR
```

```
add primary key (COD_PROFESSOR);
```

```
alter table PROFESSOR_IDIOMA add constraint FK_PROFESSOR_PROFESSOR_IDIOMA foreign key (COD_PROFESSOR)
references PROFESSOR (COD_PROFESSOR) on delete restrict on update restrict;
```

**4.2.1.15.15.3 List of columns of the table key Key\_1**

<i>Name</i>	<i>Code</i>
COD_PROFESSOR	COD_PROFESSOR

**4.2.1.15.15.4 List of all dependencies of the table key Key\_1**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
FK_PROFESSOR_PROFESSOR_IDIOMA	FK_PROFESSOR_PROFESSOR_IDIOMA	Reference

**4.2.1.15.15.5 List of extended attributes of the table key Key\_1**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ExtUnique	(Boolean)	false	MySQL 5.0

**4.2.1.16 Table PROFESSOR\_IDIOMA****4.2.1.16.1 Card of table PROFESSOR\_IDIOMA**

<i>Name</i>	PROFESSOR_IDIOMA
<i>Code</i>	PROFESSOR_IDIOMA
<i>DBMS</i>	MySQL 5.0

**4.2.1.16.2 Check constraint name of the table PROFESSOR\_IDIOMA**

```
TK_PROFESSOR_IDIOMA
```

**4.2.1.16.3 Server validation rule of the table PROFESSOR\_IDIOMA**

```
%RULES%
```

**4.2.1.16.4 Code preview of the table PROFESSOR\_IDIOMA**

```
drop table if exists PROFESSOR_IDIOMA;
```

```
/*=====*/
/* Table: PROFESSOR_IDIOMA */
/*=====*/
create table PROFESSOR_IDIOMA
(
    COD_PROFESSOR_IDIOMA int not null,
    COD_IDIOMA int not null,
    COD_PROFESSOR int not null
);
```

```
alter table PROFESSOR_IDIOMA
add primary key (COD_PROFESSOR_IDIOMA);
```

```
alter table PROFESSOR_IDIOMA add constraint FK_IDIOMA_PERFIL_PROFESSOR_IDIOMA foreign key (COD_IDIOMA)
references IDIOMA (COD_IDIOMA) on delete restrict on update restrict;
```

alter table PROFESSOR\_IDIOMA add constraint FK\_PROFESSOR\_PROFESSOR\_IDIOMA foreign key (COD\_PROFESSOR) references PROFESSOR (COD\_PROFESSOR) on delete restrict on update restrict;

#### **4.2.1.16.5 List of diagrams containing the table PROFESSOR\_IDIOMA**

<i>Name</i>	<i>Code</i>
DER	PHYSICALDIAGRAM_1

#### **4.2.1.16.6 List of outgoing references of the table PROFESSOR\_IDIOMA**

<i>Name</i>	<i>Code</i>	<i>Foreign Key Columns</i>
FK_IDIOMA_PROFESSOR_IDIOMA	FK_IDIOMA_PROFESSOR_IDIOMA	COD_IDIOMA
FK_PROFESSOR_PROFESSOR_IDIOMA	FK_PROFESSOR_PROFESSOR_IDIOMA	COD_PROFESSOR

#### **4.2.1.16.7 List of all dependencies of the table PROFESSOR\_IDIOMA**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
FK_IDIOMA_PROFESSOR_IDIOMA	FK_IDIOMA_PROFESSOR_IDIOMA	Reference
FK_PROFESSOR_PROFESSOR_IDIOMA	FK_PROFESSOR_PROFESSOR_IDIOMA	Reference

#### **4.2.1.16.8 List of extended attributes of the table PROFESSOR\_IDIOMA**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
Temporary	(Boolean)	false	MySQL 5.0

#### **4.2.1.16.9 List of columns of the table PROFESSOR\_IDIOMA**

<i>Name</i>	<i>Code</i>
COD_PROFESSOR_IDIOMA	COD_PROFESSOR_IDIOMA
COD_IDIOMA	COD_IDIOMA
COD_PROFESSOR	COD_PROFESSOR

#### **4.2.1.16.10 Column COD\_PROFESSOR\_IDIOMA of the table PROFESSOR\_IDIOMA**

##### **4.2.1.16.10.1 Card of the column COD\_PROFESSOR\_IDIOMA of the table PROFESSOR\_IDIOMA**

<i>Name</i>	COD_PROFESSOR_IDIOMA
<i>Code</i>	COD_PROFESSOR_IDIOMA
<i>Data Type</i>	int
<i>Mandatory</i>	Yes

##### **4.2.1.16.10.2 Check constraint name of the column COD\_PROFESSOR\_IDIOMA of the table PROFESSOR\_IDIOMA**

CK\_COD\_PROFESSOR\_IDIOMA

##### **4.2.1.16.10.3 Check of the column COD\_PROFESSOR\_IDIOMA of the table PROFESSOR\_IDIOMA**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **4.2.1.16.10.4 Server validation rule of the column COD\_PROFESSOR\_IDIOMA of the table PROFESSOR\_IDIOMA**

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

**4.2.1.16.10.5 List of all dependencies of the table column COD PROFESSOR IDIOMA**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
Key_1	Key_1	Key

**4.2.1.16.10.6 List of extended attributes of the table column COD PROFESSOR IDIOMA**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

**4.2.1.16.11 Column COD IDIOMA of the table PROFESSOR IDIOMA****4.2.1.16.11.1 Card of the column COD IDIOMA of the table PROFESSOR IDIOMA**

<i>Name</i>	COD_IDIOMA
<i>Code</i>	COD_IDIOMA
<i>Data Type</i>	int
<i>Mandatory</i>	Yes

**4.2.1.16.11.2 Check constraint name of the column COD IDIOMA of the table PROFESSOR IDIOMA**

CK\_COD\_IDIOMA

**4.2.1.16.11.3 Check of the column COD IDIOMA of the table PROFESSOR IDIOMA**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.2.1.16.11.4 Server validation rule of the column COD IDIOMA of the table PROFESSOR IDIOMA**

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

**4.2.1.16.11.5 List of all dependencies of the table column COD IDIOMA**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
?	?	Reference Join

**4.2.1.16.11.6 List of extended attributes of the table column COD IDIOMA**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

**4.2.1.16.12 Column COD PROFESSOR of the table PROFESSOR IDIOMA****4.2.1.16.12.1 Card of the column COD PROFESSOR of the table PROFESSOR IDIOMA**

<i>Name</i>	COD_PROFESSOR
-------------	---------------



<i>Code</i>	COD_PROFESSOR
<i>Data Type</i>	int
<i>Mandatory</i>	Yes

#### **4.2.1.16.12.2 Check constraint name of the column COD\_PROFESSOR of the table PROFESSOR\_IDIOMA** CK\_COD\_PROFESSOR

#### **4.2.1.16.12.3 Check of the column COD\_PROFESSOR of the table PROFESSOR\_IDIOMA**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### **4.2.1.16.12.4 Server validation rule of the column COD\_PROFESSOR of the table PROFESSOR\_IDIOMA** %MINMAX% and %LISTVAL% and %CASE% and %RULES%

#### **4.2.1.16.12.5 List of all dependencies of the table column COD\_PROFESSOR**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
?	?	Reference Join

#### **4.2.1.16.12.6 List of extended attributes of the table column COD\_PROFESSOR**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

#### **4.2.1.16.13 List of keys of the table PROFESSOR\_IDIOMA**

<i>Name</i>	<i>Code</i>	<i>Primary</i>
Key_1	Key_1	X

#### **4.2.1.16.14 Key Key\_1 of the table PROFESSOR\_IDIOMA**

##### **4.2.1.16.14.1 Card of the key Key\_1 of the table PROFESSOR\_IDIOMA**

<i>Name</i>	Key_1
<i>Code</i>	Key_1
<i>Table</i>	PROFESSOR_IDIOMA

##### **4.2.1.16.14.2 Code preview of the key Key\_1 of the table PROFESSOR\_IDIOMA**

```
alter table PROFESSOR_IDIOMA
  add primary key (COD_PROFESSOR_IDIOMA);
```

##### **4.2.1.16.14.3 List of columns of the table key Key\_1**

<i>Name</i>	<i>Code</i>
COD_PROFESSOR_IDIOMA	COD_PROFESSOR_IDIOMA

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

#### 4.2.1.17 Table PUBLICACAO\_FORUM

##### 4.2.1.17.1 Card of table PUBLICACAO\_FORUM

Name	PUBLICACAO_FORUM
Code	PUBLICACAO_FORUM
DBMS	MySQL 5.0

##### 4.2.1.17.2 Check constraint name of the table PUBLICACAO\_FORUM

TK\_PUBLICACAO\_FORUM

##### 4.2.1.17.3 Server validation rule of the table PUBLICACAO\_FORUM

%RULES%

##### 4.2.1.17.4 Code preview of the table PUBLICACAO\_FORUM

drop table if exists PUBLICACAO\_FORUM;

```
/*=====*/
/* Table: PUBLICACAO_FORUM */
/*=====*/
```

```
create table PUBLICACAO_FORUM
(
  COD_PUBLICACAO int not null,
  DES_TITULO varchar(50),
  DES_PUBLICACAO varchar(1000),
  ARQ_ANEXO mediumblob,
  DTA_PUBLICACAO date,
  HOR_PUBLICACAO time,
  COD_CADASTRO_USUARIO int not null
);
```

```
alter table PUBLICACAO_FORUM
  add primary key (COD_PUBLICACAO);
```

```
alter table PUBLICACAO_FORUM add constraint FK_USUARIO_PUBLICACAO_FORUM foreign key
(COD_CADASTRO_USUARIO)
  references PERFIL_USUARIO (COD_PERFIL) on delete restrict on update restrict;
```

##### 4.2.1.17.5 List of diagrams containing the table PUBLICACAO\_FORUM

Name	Code
DER	PHYSICALDIAGRAM_1

##### 4.2.1.17.6 List of outgoing references of the table PUBLICACAO\_FORUM

Name	Code	Foreign Key Columns
FK_USUARIO_PUBLICACAO_FORUM	FK_USUARIO_PUBLICACAO_FORUM	COD_CADASTRO_USUARIO

##### 4.2.1.17.7 List of all dependencies of the table PUBLICACAO\_FORUM

Name	Code	Class Name
FK_USUARIO_PUBLICACAO_FORUM	FK_USUARIO_PUBLICACAO_FORUM	Reference

##### 4.2.1.17.8 List of extended attributes of the table PUBLICACAO\_FORUM

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

**4.2.1.17.9 List of columns of the table PUBLICACAO FORUM**

<i>Name</i>	<i>Code</i>
COD_PUBLICACAO	COD_PUBLICACAO
DES_TITULO	DES_TITULO
DES_PUBLICACAO	DES_PUBLICACAO
ARQ_ANEXO	ARQ_ANEXO
DTA_PUBLICACAO	DTA_PUBLICACAO
HOR_PUBLICACAO	HOR_PUBLICACAO
COD_CADASTRO_USUARIO	COD_CADASTRO_USUARIO

**4.2.1.17.10 Column COD PUBLICACAO of the table PUBLICACAO FORUM****4.2.1.17.10.1 Card of the column COD PUBLICACAO of the table PUBLICACAO FORUM**

<i>Name</i>	COD_PUBLICACAO
<i>Code</i>	COD_PUBLICACAO
<i>Data Type</i>	int
<i>Mandatory</i>	Yes

**4.2.1.17.10.2 Check constraint name of the column COD PUBLICACAO of the table PUBLICACAO FORUM**

CK\_COD\_PUBLICACAO

**4.2.1.17.10.3 Check of the column COD PUBLICACAO of the table PUBLICACAO FORUM**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.2.1.17.10.4 Server validation rule of the column COD PUBLICACAO of the table PUBLICACAO FORUM**

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

**4.2.1.17.10.5 List of all dependencies of the table column COD PUBLICACAO**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
Key_1	Key_1	Key

**4.2.1.17.10.6 List of extended attributes of the table column COD PUBLICACAO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

**4.2.1.17.11 Column DES\_TITULO of the table PUBLICACAO FORUM****4.2.1.17.11.1 Card of the column DES\_TITULO of the table PUBLICACAO FORUM**

<i>Name</i>	DES_TITULO
<i>Code</i>	DES_TITULO

<i>Data Type</i>	varchar(50)
<i>Mandatory</i>	No

#### **4.2.1.17.11.2 Check constraint name of the column DES\_TITULO of the table PUBLICACAO\_FORUM**

CK\_DES\_TITULO

#### **4.2.1.17.11.3 Check of the column DES\_TITULO of the table PUBLICACAO\_FORUM**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### **4.2.1.17.11.4 Server validation rule of the column DES\_TITULO of the table PUBLICACAO\_FORUM**

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

#### **4.2.1.17.11.5 List of extended attributes of the table column DES\_TITULO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

#### **4.2.1.17.12 Column DES\_PUBLICACAO of the table PUBLICACAO\_FORUM**

##### **4.2.1.17.12.1 Card of the column DES\_PUBLICACAO of the table PUBLICACAO\_FORUM**

<i>Name</i>	DES_PUBLICACAO
<i>Code</i>	DES_PUBLICACAO
<i>Data Type</i>	varchar(1000)
<i>Mandatory</i>	No

#### **4.2.1.17.12.2 Check constraint name of the column DES\_PUBLICACAO of the table PUBLICACAO\_FORUM**

CK\_DES\_PUBLICACAO

#### **4.2.1.17.12.3 Check of the column DES\_PUBLICACAO of the table PUBLICACAO\_FORUM**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### **4.2.1.17.12.4 Server validation rule of the column DES\_PUBLICACAO of the table PUBLICACAO\_FORUM**

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

#### **4.2.1.17.12.5 List of extended attributes of the table column DES\_PUBLICACAO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

#### **4.2.1.17.13 Column ARQ\_ANEXO of the table PUBLICACAO\_FORUM**

##### **4.2.1.17.13.1 Card of the column ARQ\_ANEXO of the table PUBLICACAO\_FORUM**

<i>Name</i>	ARQ_ANEXO
<i>Code</i>	ARQ_ANEXO
<i>Data Type</i>	mediumblob
<i>Mandatory</i>	No

##### **4.2.1.17.13.2 Check constraint name of the column ARQ\_ANEXO of the table PUBLICACAO\_FORUM**

CK\_ARQ\_ANEXO

##### **4.2.1.17.13.3 Check of the column ARQ\_ANEXO of the table PUBLICACAO\_FORUM**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **4.2.1.17.13.4 Server validation rule of the column ARQ\_ANEXO of the table PUBLICACAO\_FORUM**

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

##### **4.2.1.17.13.5 List of extended attributes of the table column ARQ\_ANEXO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

#### **4.2.1.17.14 Column DTA\_PUBLICACAO of the table PUBLICACAO\_FORUM**

##### **4.2.1.17.14.1 Card of the column DTA\_PUBLICACAO of the table PUBLICACAO\_FORUM**

<i>Name</i>	DTA_PUBLICACAO
<i>Code</i>	DTA_PUBLICACAO
<i>Data Type</i>	date
<i>Mandatory</i>	No

##### **4.2.1.17.14.2 Check constraint name of the column DTA\_PUBLICACAO of the table PUBLICACAO\_FORUM**

CK\_DTA\_PUBLICACAO

##### **4.2.1.17.14.3 Check of the column DTA\_PUBLICACAO of the table PUBLICACAO\_FORUM**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	

<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### **4.2.1.17.14.4 Server validation rule of the column DTA PUBLICACAO of the table PUBLICACAO FORUM**

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

#### **4.2.1.17.14.5 List of extended attributes of the table column DTA PUBLICACAO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

#### **4.2.1.17.15 Column HOR PUBLICACAO of the table PUBLICACAO FORUM**

##### **4.2.1.17.15.1 Card of the column HOR PUBLICACAO of the table PUBLICACAO FORUM**

<i>Name</i>	HOR_PUBLICACAO
<i>Code</i>	HOR_PUBLICACAO
<i>Data Type</i>	time
<i>Mandatory</i>	No

##### **4.2.1.17.15.2 Check constraint name of the column HOR PUBLICACAO of the table PUBLICACAO FORUM**

CK\_HOR\_PUBLICACAO

##### **4.2.1.17.15.3 Check of the column HOR PUBLICACAO of the table PUBLICACAO FORUM**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **4.2.1.17.15.4 Server validation rule of the column HOR PUBLICACAO of the table PUBLICACAO FORUM**

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

##### **4.2.1.17.15.5 List of extended attributes of the table column HOR PUBLICACAO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

#### **4.2.1.17.16 Column COD CADASTRO USUARIO of the table PUBLICACAO FORUM**

##### **4.2.1.17.16.1 Card of the column COD CADASTRO USUARIO of the table PUBLICACAO FORUM**

<i>Name</i>	COD_CADASTRO_USUARIO
<i>Code</i>	COD_CADASTRO_USUARIO

<i>Data Type</i>	int
<i>Mandatory</i>	Yes

#### **4.2.1.17.16.2 Check constraint name of the column COD\_CADASTRO\_USUARIO of the table PUBLICACAO\_FORUM**

CK\_COD\_CADASTRO\_USUARIO

#### **4.2.1.17.16.3 Check of the column COD\_CADASTRO\_USUARIO of the table PUBLICACAO\_FORUM**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### **4.2.1.17.16.4 Server validation rule of the column COD\_CADASTRO\_USUARIO of the table PUBLICACAO\_FORUM**

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

#### **4.2.1.17.16.5 List of all dependencies of the table column COD\_CADASTRO\_USUARIO**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
?	?	Reference Join

#### **4.2.1.17.16.6 List of extended attributes of the table column COD\_CADASTRO\_USUARIO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
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

#### **4.2.1.17.17 List of keys of the table PUBLICACAO\_FORUM**

<i>Name</i>	<i>Code</i>	<i>Primary</i>
Key_1	Key_1	X

#### **4.2.1.17.18 Key Key\_1 of the table PUBLICACAO\_FORUM**

##### **4.2.1.17.18.1 Card of the key Key\_1 of the table PUBLICACAO\_FORUM**

<i>Name</i>	Key_1
<i>Code</i>	Key_1
<i>Table</i>	PUBLICACAO_FORUM

##### **4.2.1.17.18.2 Code preview of the key Key\_1 of the table PUBLICACAO\_FORUM**

```
alter table PUBLICACAO_FORUM
  add primary key (COD_PUBLICACAO);
```

##### **4.2.1.17.18.3 List of columns of the table key Key\_1**

<i>Name</i>	<i>Code</i>
COD_PUBLICACAO	COD_PUBLICACAO

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ExtUnique	(Boolean)	false	MySQL 5.0



