# **Diagram Report**

GestionPagos.DM1
Version 1.0

UNT Francisco Mauricio Ruiz Last Modified 18/2/2023 Copyright 2022-2023 UNT

## **Table of Contents**

TABLE OF CONTENTS	2
DIAGRAM SUMMARY REPORT	8
DIAGRAM DETAIL REPORTS	9
GESTIONPAGOS.DM1	9
MODEL SUMMARY REPORT	10
MODEL DETAIL REPORTS	11
LOGICAL	11
SUBMODEL SUMMARY REPORT	12
SUBMODEL DETAIL REPORTS	13
MAIN MODEL	13
ENTITY SUMMARY REPORT	14
ENTITY DETAIL REPORTS	15
COMERCIOS	15 17 19 21 23 25 27 29 30 33 35 37 39 41 43 45 47 49 51
IdPlanComercio IdComercio IdPlan IdMedioPago EstadoPComercio USUARIOS IdUsuario IdComercio	53 53 57 59 61 63 63
Nombres	60

Apellidos	,
Telefono	
Email	
DNI	
EstadoUsuario	
VENTAS	8
IdVenta	Č
IdPlanComercio	ć
IdUsuario	ć
IdComercio	9
IdPlan	9
IdMedioPago	
FechaAlta	
Monto	,
Detalles	1
Apellidos Cliente	1
NombresCliente	1
DireccionCliente	1
DNICliente	1
NumTarjetaCliente	1
Estado Venta	1
Observaciones	1
KEY SUMMARY REPORT	1
PK1	-
	1
PK3	1
UI_MEDIOPAGO	1
PK4	1
UI_IDPLAN	1
UI_Codigo	1
PK6	]
UI_IDPLANCOMERCIO	1
UI_IDCOMERCIOIDPLAN	1
UI_IDUSUARIO	]
UI_DNI	]
PK2	]
X_NOMBRESAPELLIDOS	]
X_DNI	
PK5	]
X_FECHAALTA	]
RELATIONSHIP SUMMARY REPORT	1
RELATIONSHIP DETAIL REPORTS	1
RELATIONSHIP: COMERCIOS TO USUARIOS	1
RELATIONSHIP: USUARIOS TO VENTAS	1
RELATIONSHIP: PLANESCOMERCIO TO VENTAS	1
RELATIONSHIP: MEDIOSPAGO TO PLANES	1
RELATIONSHIP: PLANES TO PLANESCOMERCIO	1
RELATIONSHIP: COMERCIOS TO PLANES COMERCIO	1
JBMODEL DETAIL REPORTS	1

VISTA GESTIONPAGOS	141
ENTITY SUMMARY REPORT	142
ENTITY DETAIL REPORTS	143
COMERCIOS	143
IdComercio	145
Comercio	147
Telefono	149
Direccion	151
Localidad	153
EstadoComercio	155
MEDIOSPAGO	157
IdMedioPago	158
MedioPago	161
Tipo	163
Banco	165
PLANES	167
IdPlan	169
IdMedioPago	171
Codigo	173
NumCuotas	175
TNA	177
PLANESCOMERCIO	179
IdPlanComercio	181
IdComercio	183
IdPlan	185
IdMedioPago	187
EstadoPComercio	189
USUARIOS	191
IdUsuario	193
IdComercio	195
Nombres	197
Apellidos	199
Telefono	201
Email	203
DNI	205
EstadoUsuario	207
VENTAS	209
IdVenta	211
IdPlanComercio	214
IdUsuario	216
IdComercio	218
IdPlan	220
IdMedioPago	222
FechaAlta	224
Monto	226
Detalles	228
ApellidosCliente	230
NombresCliente	232
DireccionCliente	234
DNICliente	236
NumTarjetaCliente	238
Estado Venta	240
Observaciones	242

KEY DETAIL REPORTS	
PK1	
I_Comercio	
<b>&lt;</b> 3	
I_MEDIOPAGO	
<del>√</del> 4	
I_IDPLAN	
₹6	
JI IDPLANCOMERCIO	
JI IDCOMERCIOIDPLAN	
JI IDUSUARIO	
JI DNI	
K2	
X NombresApellidos	
X_NOMBRESAFELLIDOS	
^_DNI №K5	
X FECHAALTA	
^_FEU⊓AMLIA	•••••
RELATIONSHIP SUMMARY REPORT	••••
RELATIONSHIP DETAIL REPORTS	••••
RELATIONSHIP: COMERCIOS TO USUARIOS	
RELATIONSHIP: USUARIOS TO VENTAS	
RELATIONSHIP: PLANESCOMERCIO TO VENTAS	
RELATIONSHIP: MEDIOSPAGO TO PLANES	
RELATIONSHIP: PLANES TO PLANESCOMERCIO	
RELATIONSHIP: COMERCIOS TO PLANESCOMERCIO	
EL DETAIL REPORTS	••••
SISICO GESTION PAGOS	
BMODEL SUMMARY REPORT	••••
BMODEL DETAIL REPORTS	••••
MAIN MODEL	
FABLE SUMMARY REPORT	••••
TABLE DETAIL REPORTS	••••
COMERCIOS	
IdComercio	
Comercio	
Comercio	
Telefono	
Telefono Direccion	
Telefono Direccion Localidad	
Telefono Direccion Localidad EstadoComercio	
Telefono Direccion Localidad EstadoComercio MEDIOSPAGO	
Telefono Direccion Localidad EstadoComercio	
Telefono Direccion Localidad EstadoComercio MEDIOSPAGO	
Telefono Direccion Localidad EstadoComercio MEDIOSPAGO IdMedioPago	
Telefono Direccion Localidad EstadoComercio MEDIOSPAGO IdMedioPago MedioPago	

IdPlan	302
IdMedioPago	304
Codigo	306
NumCuotas	308
TNA	310
PLANESCOMERCIO	312
IdPlanComercio	315
IdComercio	317
IdPlan	317
IdMedioPago	321
EstadoPComercio	323
USUARIOS	325
IdUsuario	328
IdComercio	330
Nombres	332
Apellidos	334
Telefono	336
Email	338
DNI	340
EstadoUsuario	342
VENTAS	344
IdVenta	348
IdPlanComercio	350
IdUsuario	352
IdComercio	354
IdPlan	356
IdMedioPago	358
FechaAlta	360
Monto	362
Detalles	364
ApellidosCliente	366
NombresCliente	368
DireccionCliente	370
	370 372
DNICliente	
NumTarjetaCliente	374
Estado Venta	376
Observaciones	378
INDEX SUMMARY REPORT	380
	•
INDEX DETAIL REPORTS	381
PK1	381
UI_COMERCIO	382
PK3	383
UI_MEDIOPAGO	384
PK4	385
UI_IDPLAN	386
UI Codigo	387
PK6	388
UI IDPLANCOMERCIO	389
UI IDCOMERCIOIDPLAN	390
UI_IDUSUARIO	391
UI_DNI	392
IX NOMBRESAPELLIDOS	393
PK2	394
	395
IX_DNI	393

PK5IX_FECHAALTA	
FOREIGN KEY SUMMARY REPORT	
FOREIGN KEY DETAIL REPORTS	399
FOREIGN KEY: COMERCIOS TO USUARIOS	

## **Diagram Summary Report**

Name

GestionPagos.DM1

Author

Description

Francisco Mauricio Ruiz

### **Diagram Detail Reports**

## GestionPagos.DM1

Diagram Name Description GestionPagos.DM1

Author Francisco Mauricio Ruiz

Company UNT Version 1.0 Copyright UNT

Copyright Year

#### **Bound Attachments**

Name **Current Value** 

## **Model Summary Report**

Name Logical Fisico GestionPagos DatabasePlatform Logical MySQL 5.x

## **Model Detail Reports**

## Logical

Model Name Database Platform Logical Logical

Platform Model Notation

Physical

**Security Properties** 

Name Current Value

**Bound Attachments** 

Name Current Value

## **Submodel Summary Report**

Name Main Model Vista GestionPagos DatabasePlatform

Logical Logical

## **Submodel Detail Reports**

#### **Main Model**

SubModel

Main Model

Name Database

se Logical

Platform Parent SubModel

**Security Properties** 

Name

**Current Value** 

**Bound Attachments** 

Name

**Current Value** 

## **Entity Summary Report**

Entity Name	Entity Type	Primary Keys	# Attr
Comercios	Independent	IdComercio	6
MediosPago	Independent	IdMedioPago	4
Planes	Dependent	ldPlan,ldMedioPago	5
PlanesComercio	Dependent	IdPlanComercio,IdComercio,IdPlan,Id MedioPago	5
Usuarios	Dependent	IdUsuario,IdComercio	8
Ventas	Independent	IdVenta	16

#### **Entity Detail Reports**

#### **Comercios**

**Entity Name** 

Comercios

**Owner Name** 

NO

**Logical Only** 

Independent

**Entity Type Primary Keys** IdComercio Definition

Tabla que almacena los comercios del sistema. Tabla que almacena los comercios del sistema.

**Object Permission** 

User/Role Name

Grantee **Type** 

Permission Action Type

Type

Is Action Extended Is **System** 

**Security Properties** 

Name

**Notes** 

**Current Value** 

**Bound Attachments** 

Name

**Current Value** 

**Data Movement Rules** 

Name

**Type** 

Rule Text/Value

Where Used - Model Usage

Model

**Logical Entity Name** 

**Denormalization Mappings** 

Logical Fisico GestionPagos

(MySQL)

Comercios Comercios

Where Used - Submodel Usage

Model

**Submodel Usage** 

Logical

Main Model

Logical

Vista GestionPagos

Fisico GestionPagos (MySQL)

Main Model

**User-Defined Mappings** 

Model

Name

Description

#### Keys

Key Name	Key Type	Keys
PK1	PrimaryKey	IdComercio
UI_Comercio	Alternate Key	Comercio

#### **Attributes**

Attribute/Logical Rolename	Domain	Datatype	Null	Definition
IdComercio		INTEGER	ID	Clave primaria de la tabla Comercios (1/1). Clave primaria de la tabla Usuarios (2/2). Clave primaria de la tabla PlanesComercio (2/4).
Comercio		VARCHAR(100	N	Nombre del comercio.
Telefono		VARCHAR(15)	N	Número de teléfono del comercio.
Direccion		VARCHAR(100	N	Dirección del comercio.
Localidad		VARCHAR(100	N	Localidad del comercio.
EstadoComercio		CHAR(1)	N	Estado del comercio A: Activo - B: Baja

#### **Defaults, Rules and Check Constraints**

Type

Attribute	Type	Name	Restriction
Relationships			

Cardinality Business Verb

#### Parent Relationships:

**Entity** 

Name	<b>,</b>	,	Name	Phrase	Phrase	Keys	Supertype
Child Relati	ionships:						
Entity Name	Туре	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	ls Subtype
Usuarios	Identify ing	One To Zero or More				j	NO .
PlanesCo mercio	Identify ing	One To Zero or More					NO

Inverse

Foreign Is

#### **IdComercio**

Attribute Name IdComercio Entity Name Comercios
Column Name IdComercio

Logical Role Name Role Name

Logical Only NO

Domain

Primary Key YES

Foreign Key NO Parent Entity

**Security Properties** 

Name Current Value

**Bound Attachments** 

Name Current Value

**Data Movement Rules** 

Name Type Rule Text/Value

**Where Used** 

ModelNameBase EntityDatatypeLogicalIdComercioComerciosINTEGERFisico GestionPagosIdComercioComerciosINT

(MySQL)

**User-Defined Mappings** 

Model Name Base Entity Datatype Description

**Direct Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Secondary Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Direct Target Mappings** 

Columns Transformati Transformation Description

on Logic

Columns

Transformati on Logic

**Transformation Description** 

#### **Definition**

Clave primaria de la tabla Comercios (1/1). Clave primaria de la tabla Usuarios (2/2). Clave primaria de la tabla PlanesComercio (2/4).

#### **Note**

Clave primaria de la tabla Comercios (1/1). Clave primaria de la tabla Usuarios (2/2). Clave primaria de la tabla PlanesComercio (2/4).

#### **Logical Column Properties**

Data Type INTEGER Width Scale

Nullable NO Identity YES

#### **Domain Restrictions**

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

#### Comercio

**Attribute Name** Comercio **Entity Name** Comercios **Column Name** Comercio **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical Comercio Comercios VARCHAR Fisico GestionPagos Comercios **VARCHAR** Comercio (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** 

on Logic

Columns Transformati Transformation Description

on Logic

**Definition** 

Nombre del comercio.

Note

Nombre del comercio.

**Logical Column Properties** 

Data Type VARCHAR(100) Width 100 Scale

Nullable NO Identity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **Telefono**

**Attribute Name** Telefono **Entity Name** Comercios **Column Name** Telefono **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Telefono Logical Comercios **VARCHAR** Fisico GestionPagos Telefono Comercios **VARCHAR** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** 

on Logic

Columns Transformati Transformation Description

on Logic

**Definition** 

Número de teléfono del comercio.

Note

Número de teléfono del comercio.

**Logical Column Properties** 

Data Type VARCHAR(15) Width 15 Scale

Nullable NO Identity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **Direccion**

**Attribute Name** Direccion **Entity Name** Comercios **Column Name** Direccion **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical Direccion Comercios **VARCHAR** Fisico GestionPagos Comercios **VARCHAR** Direccion (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** 

on Logic

Columns Transformati Transformation Description

on Logic

**Definition** 

Dirección del comercio.

Note

Dirección del comercio.

**Logical Column Properties** 

Data Type VARCHAR(100) Width 100 Scale

Nullable NO Identity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### Localidad

**Attribute Name** Localidad **Entity Name** Comercios **Column Name** Localidad **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Localidad Logical Comercios VARCHAR Fisico GestionPagos Localidad Comercios **VARCHAR** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** on Logic

Columns Transformati Transformation Description

on Logic

**Definition** 

Localidad del comercio.

Note

Localidad del comercio.

**Logical Column Properties** 

Data Type VARCHAR(100) Width 100 Scale

Nullable NO ldentity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **EstadoComercio**

**Attribute Name** EstadoComercio **Entity Name** Comercios **Column Name** EstadoComercio **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical EstadoComercio Comercios CHAR Fisico GestionPagos EstadoComercio Comercios **CHAR** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

Columns Transformati Transformation Description

on Logic

#### **Definition**

Estado del comercio A: Activo - B: Baja

#### Note

Estado del comercio A: Activo - B: Baja

#### **Logical Column Properties**

Data Type CHAR(1) Width 1 Scale

Nullable NO ldentity NO

#### **Domain Restrictions**

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **MediosPago**

Entity Name MediosPago

Owner Name

NO

Logical Only Entity Type

Independent

Primary Keys IdMedioPago
Definition Tabla que alm

**Definition**Tabla que almacena los medios de pago del sistema. **Notes**Tabla que almacena los medios de pago del sistema.

**Object Permission** 

User/Role Grantee

Permission Action Type Type

Is Action Extended

**Denormalization Mappings** 

ls System

**Security Properties** 

Name

Name Current Value

Type

**Bound Attachments** 

Name Current Value

**Data Movement Rules** 

Name Type Rule Text/Value

Where Used - Model Usage

Model Logical Entity Name

Logical MediosPago Fisico GestionPagos MediosPago

(MySQL)

Where Used - Submodel Usage

Model Submodel Usage

Logical Main Model

Logical Vista GestionPagos

Fisico GestionPagos (MySQL) Main Model

**User-Defined Mappings** 

Model Name Description

**Keys** 

Key Name Key Type Keys

PK3 PrimaryKey IdMedioPago UI MedioPago Alternate Key MedioPago

#### **Attributes**

Attribute/Logical Rolename	Domain	Datatype	Null	Definition
IdMedioPago		TINYINT	ID	Clave primara de la tabla MediosPago (1/1). Clave primaria de la tabla PlanesComercio (4/4). Clave primaria de la tabla Planes (2/2).
MedioPago		VARCHAR(100 )	N	Nombre del medio de pago.
Tipo		VARCHAR(10)	N	Tipos de medios de pago.
Banco		VARCHAR(100 )	Υ	Banco del medio de pago.
Defaults, Rules and C	Check Constraints			

Attribute	Type	Name	Restriction
Relationships			

#### Parent Relationships:

Entity Name	Туре	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	ls Supertype
Child Relation	onships:						
Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	ls Subtype
Planes	Identify ing	One To Zero or More				•	NO .

## IdMedioPago

Attribute Name Column Name	IdMedioPago IdMedioPago	Entity Name	MediosPago
Logical Role			
Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	NO	Parent Entity	

Security	, Pro	nortic	9
Security	, FIU	טטו נוס	, 3

Name	Current Value			
<b>Bound Attachments</b>				
Name	Current Value			
Data Movement Rules	s			
Name	Туре	Rule Text/Valu	ıe	
Where Used				
Model Logical Fisico GestionPagos (MySQL)	Name IdMedioPago IdMedioPago	Base Entity MediosPago MediosPago	<b>Datatype</b> TINYINT TINYINT	
<b>User-Defined Mappin</b>	gs			
Model Name	Base Entity	Datatype	Description	
Direct Source Mappir	ngs			
Columns	Transformati on Logic	Transformatio	n Description	
Secondary Source M	appings			
Columns	Transformati on Logic	Transformatio	n Description	
<b>Direct Target Mappin</b>	gs			
Columns	Transformati on Logic	Transformatio	n Description	
Secondary Target Ma	ppings			
Columns	Transformati on Logic	Transformatio	n Description	
Definition				

Clave primara de la tabla MediosPago (1/1). Clave primaria de la tabla PlanesComercio (4/4). Clave primaria de la tabla Planes (2/2).

#### Note

Clave primara de la tabla MediosPago (1/1). Clave primaria de la tabla PlanesComercio (4/4). Clave primaria de la tabla Planes (2/2).

#### **Logical Column Properties**

Data Type TINYINT Width Scale

Nullable NO Identity YES

#### **Domain Restrictions**

Check Constraint Check Constraint Name Bound Rule Declared Default Bound Default Reference Value

#### MedioPago

**Attribute Name** MedioPago **Entity Name** MediosPago **Column Name** MedioPago **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical MedioPago MediosPago **VARCHAR** Fisico GestionPagos MedioPago MediosPago **VARCHAR** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformation Description** Columns **Transformati** on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

Columns Transformati Transformation Description

on Logic

**Definition** 

Nombre del medio de pago.

Note

Nombre del medio de pago.

**Logical Column Properties** 

Data Type VARCHAR(100) Width 100 Scale

Nullable NO ldentity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

## Tipo

Attribute Name Column Name Logical Role Name Role Name	Tipo Tipo	E	Entity Name	MediosPago
Logical Only Domain	NO			
Primary Key Foreign Key	NO NO	F	Parent Entity	
Security Propert	ies			
Name		Current Value	,	
Bound Attachme	nts			
Name		Current Value		
Data Movement I	Rules			
Name		Туре	Rule Text/Valu	ıe
Where Used				
Model Logical Fisico GestionPa (MySQL)	Tip		Base Entity MediosPago MediosPago	<b>Datatype</b> VARCHAR VARCHAR
Logical Fisico GestionPa	Tip agos Tip	00	MediosPago	VARCHAR
Logical Fisico GestionPa (MySQL)	Tip agos Tip <b>ppings</b>	00	MediosPago	VARCHAR
Logical Fisico GestionPa (MySQL)  User-Defined Ma	Tip agos Tip <b>ppings</b> ne	00	MediosPago MediosPago	VARCHAR VARCHAR
Logical Fisico GestionPa (MySQL)  User-Defined Ma  Model Nan	Tip agos Tip <b>ppings</b> ne	00	MediosPago MediosPago	VARCHAR VARCHAR  Description
Logical Fisico GestionPa (MySQL)  User-Defined Ma  Model Nar  Direct Source Ma	Tip agos Tip ppings ne appings	Base Entity  Transformati on Logic	MediosPago MediosPago Datatype	VARCHAR VARCHAR  Description
Logical Fisico GestionPa (MySQL)  User-Defined Ma  Model Nar  Direct Source Ma  Columns	Tip agos Tip ppings ne appings	Base Entity  Transformati on Logic	MediosPago MediosPago Datatype	VARCHAR VARCHAR  Description  on Description
Logical Fisico GestionPa (MySQL)  User-Defined Ma  Model Nar  Direct Source Ma  Columns  Secondary Source	Tip agos Tip ppings ne appings	Base Entity  Transformati on Logic  Transformati	MediosPago MediosPago  MediosPago  Datatype  Transformation	VARCHAR VARCHAR  Description  on Description

Columns Transformati Transformation Description

on Logic

**Definition** 

Tipos de medios de pago.

Note

Tipos de medios de pago.

**Logical Column Properties** 

Data Type VARCHAR(10) Width 10 Scale

Nullable NO Identity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

# **Banco**

Attribute Name Column Name Logical Role Name Role Name	Banco Banco	E	intity Name	MediosPago
Logical Only Domain	NO			
Primary Key Foreign Key	NO NO	p	arent Entity	
Security Properti				
Name		Current Value		
Bound Attachme	nts			
Name		Current Value		
Data Movement F	Rules			
Name		Туре	Rule Text/Valu	e
Where Used				
Madal	Nan	ne	Base Entity	Datatype
Model Logical Fisico GestionPa (MySQL)	Ban	со	MediosPago MediosPago	VARCHAR VARCHAR
Logical Fisico GestionPa	Ban agos Ban	со	MediosPago	VARCHAR
Logical Fisico GestionPa (MySQL)	Ban agos Ban <b>ppings</b>	со	MediosPago	VARCHAR
Logical Fisico GestionPa (MySQL)  User-Defined Ma	Ban agos Ban ppings	co	MediosPago MediosPago	VARCHAR VARCHAR
Logical Fisico GestionPa (MySQL)  User-Defined Ma  Model Nan	Ban agos Ban ppings	co	MediosPago MediosPago	VARCHAR VARCHAR  Description
Logical Fisico GestionPa (MySQL)  User-Defined Ma  Model Nan  Direct Source Ma	Ban agos Ban ppings ne uppings	Base Entity  Transformation Logic	MediosPago MediosPago Datatype	VARCHAR VARCHAR  Description
Logical Fisico GestionPa (MySQL)  User-Defined Ma  Model Nan  Direct Source Ma  Columns	Ban agos Ban ppings ne uppings	Base Entity  Transformation Logic	MediosPago MediosPago Datatype	VARCHAR VARCHAR  Description  Description
Logical Fisico GestionPa (MySQL)  User-Defined Ma  Model Nan  Direct Source Ma  Columns  Secondary Source	Ban agos Ban ppings ne appings	Base Entity  Transformati on Logic  Transformati	MediosPago MediosPago  MediosPago  Datatype  Transformation	VARCHAR VARCHAR  Description  Description

Columns Transformati Transformation Description

on Logic

**Definition** 

Banco del medio de pago.

Note

Banco del medio de pago.

**Logical Column Properties** 

Data Type VARCHAR(100) Width 100 Scale

Nullable YES Identity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **Planes**

**Entity Name** Planes

Owner Name

Logical Only

NO

**Entity Type** 

Dependent

**Primary Keys** 

IdPlan,IdMedioPago

Definition Notes

Tabla que almacena los planes soportados del sistema. Tabla que almacena los planes soportados del sistema.

**Object Permission** 

User/Role Grantee Name Type

Permission **Action** Type **Type** 

Is Action Extended

ls **System** 

**Security Properties** 

Name

**Current Value** 

**Bound Attachments** 

Name

**Current Value** 

**Data Movement Rules** 

Name

Type

Planes

Planes

Rule Text/Value

Where Used - Model Usage

Model

**Logical Entity Name** 

**Denormalization Mappings** 

Logical Fisico GestionPagos

(MySQL)

Where Used - Submodel Usage

Model

**Submodel Usage** 

Logical

Main Model

Logical

Vista GestionPagos

Fisico GestionPagos (MySQL)

Main Model

**User-Defined Mappings** 

Model

Name

Description

**Keys** 

**Key Name** 

**Key Type** 

Keys

PK4 UI IdPlan UI\_Codigo PrimaryKey

IdPlan, IdMedioPago

Alternate Key Alternate Key

IdPlan Codigo

### **Attributes**

Attribute/Logical Rolename	Domain	Datatype	Null	Definition
IdPlan		SMALLINT	ID	Clave primaria de la tabla Planes (1/2). Clave primaria de la tabla PlanesComercio (3/4).
IdMedioPago		TINYINT	N	Clave primara de la tabla MediosPago (1/1). Clave primaria de la tabla PlanesComercio (4/4). Clave primaria de la tabla Planes (2/2).
Codigo		VARCHAR(15)	N	Código del plan de pago.
NumCuotas		TINYINT	N	Número de cuotas del plan.
TNA		DECIMAL(5, 2)	N	•

# **Defaults, Rules and Check Constraints**

Attribute	Type	Name	Restriction
Relationships			

# Parent Relationships:

Entity Name	Туре	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	ls Supertype
MediosPa go	Identify ing	One To Zero or More				IdMedio Pago	NO

# **Child Relationships:**

Entity Name	Туре	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	ls Subtype
PlanesCo mercio	Identify ing	One To Zero or More				-	NO

# IdPlan

Attribute Name Column Name Logical Role Name Role Name Logical Only	IdPlan IdPlan NO	E	intity Name	Planes
Domain Primary Key	YES			
Foreign Key	NO	F	arent Entity	
Security Properti	es			
Name		Current Value		
<b>Bound Attachme</b>	nts			
Name		Current Value		
Data Movement F	Rules			
Name		Туре	Rule Text/Value	e
Where Used				
Model Logical Fisico GestionPa (MySQL)	<b>Nan</b> IdPla agos IdPla	an	Base Entity Planes Planes	<b>Datatype</b> SMALLINT SMALLINT
User-Defined Ma	ppings			
Model Nan	ne	Base Entity	Datatype	Description
Direct Source Ma	ppings			
Columns		Transformati on Logic	Transformation	1 Description
Secondary Source	e Mapping	S		
Columns		Transformati on Logic	Transformation	1 Description
Direct Target Ma	ppings			
Columns		Transformati on Logic	Transformation	n Description

Columns Transformati Transformation Description on Logic

#### **Definition**

Clave primaria de la tabla Planes (1/2). Clave primaria de la tabla PlanesComercio (3/4).

#### Note

Clave primaria de la tabla Planes (1/2). Clave primaria de la tabla PlanesComercio (3/4).

#### **Logical Column Properties**

Data Type SMALLINT Width Scale

Nullable NO Identity YES

#### **Domain Restrictions**

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

# **IdMedioPago**

Attribute Name IdMedioPago Entity Name Planes
Column Name IdMedioPago
Logical Role
Name
Role Name
Logical Only NO

Domain
Primary Key YES
Foreign Key YES Parent Entity MediosPago

**Security Properties** 

Name Current Value

Bound Attachments

Name Current Value

**Data Movement Rules** 

Name Type Rule Text/Value

Where Used

ModelNameBase EntityDatatypeLogicalIdMedioPagoPlanesTINYINTFisico GestionPagosIdMedioPagoPlanesTINYINT

(MySQL)

User-Defined Mappings

Model Name Base Entity Datatype Description

**Direct Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Secondary Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Direct Target Mappings** 

Columns Transformati Transformation Description

on Logic

Columns 1

Transformati on Logic

**Transformation Description** 

#### **Definition**

Clave primara de la tabla MediosPago (1/1). Clave primaria de la tabla PlanesComercio (4/4). Clave primaria de la tabla Planes (2/2).

#### **Note**

Clave primara de la tabla MediosPago (1/1). Clave primaria de la tabla PlanesComercio (4/4). Clave primaria de la tabla Planes (2/2).

#### **Logical Column Properties**

Data Type TINYINT Width Scale

Nullable NO Identity NO

### **Domain Restrictions**

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

# Codigo

Attribute Name Column Name Logical Role Name	Codigo Codigo	E	Intity Name	Planes
Role Name Logical Only	NO			
Domain Primary Key Foreign Key	NO NO	P	Parent Entity	
Security Properti	es			
Name		Current Value		
<b>Bound Attachme</b>	nts			
Name		Current Value		
Data Movement R	Rules			
Name		Туре	Rule Text/Value	•
Where Used				
Model Logical Fisico GestionPa (MySQL)	<b>Nam</b> Codi igos Codi	go	Base Entity Planes Planes	<b>Datatype</b> VARCHAR VARCHAR
User-Defined Map	opings			
Model Nam	ne	Base Entity	Datatype	Description
Direct Source Ma	ppings			
Columns		Transformati on Logic	Transformation	Description
Secondary Source	e Mappings	S		
Columns		Transformati on Logic	Transformation	Description
Direct Target Map	ppings			
Columns		Transformati on Logic	Transformation	Description

Columns Transformati Transformation Description

on Logic

**Definition** 

Código del plan de pago.

Note

Código del plan de pago.

**Logical Column Properties** 

Data Type VARCHAR(15) Width 15 Scale

Nullable NO ldentity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

### **NumCuotas**

**Attribute Name** NumCuotas **Entity Name Planes Column Name** NumCuotas **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties** Name **Current Value Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical **NumCuotas** Planes TINYINT Fisico GestionPagos **Planes TINYINT NumCuotas** (MySQL) **User-Defined Mappings** Model Name **Base Entity** Description **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** 

on Logic

Columns Transformati Transformation Description

on Logic

#### **Definition**

Número de cuotas del plan.

#### Note

Número de cuotas del plan.

#### **Logical Column Properties**

Data Type TINYINT Width Scale

Nullable NO Identity NO

#### **Domain Restrictions**

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

# **TNA**

Attribute Name Column Name Logical Role Name Role Name	TNA TNA	E	Entity Name	Planes
Logical Only Domain	NO			
Primary Key Foreign Key	NO NO		Orant Entity	
		•	Parent Entity	
Security Properti	es			
Name		Current Value	•	
<b>Bound Attachme</b>	nts			
Name		Current Value		
Data Movement F	Rules			
Name		Туре	Rule Text/Valu	ie
Where Used				
Model Logical Fisico GestionPa (MySQL)	TI	ame NA NA	Base Entity Planes Planes	<b>Datatype</b> DECIMAL DECIMAL
Logical Fisico GestionPa	TN agos TN	۱A	Planes	DECIMAL
Logical Fisico GestionPa (MySQL)	TN agos TN <b>ppings</b>	۱A	Planes	DECIMAL
Logical Fisico GestionPa (MySQL)  User-Defined Ma	TN agos TN ppings ne	NA NA	Planes Planes	DECIMAL DECIMAL
Logical Fisico GestionPa (MySQL)  User-Defined Ma  Model Nan	TN agos TN ppings ne	NA NA	Planes Planes	DECIMAL DECIMAL  Description
Logical Fisico GestionPa (MySQL)  User-Defined Ma  Model Nan  Direct Source Ma	agos TN  ppings  ne  appings	Base Entity  Transformati on Logic	Planes Planes Datatype	DECIMAL DECIMAL  Description
Logical Fisico GestionPa (MySQL)  User-Defined Ma  Model Nan  Direct Source Ma  Columns	agos TN  ppings  ne  appings	Base Entity  Transformati on Logic	Planes Planes Datatype	DECIMAL DECIMAL  Description  on Description
Logical Fisico GestionPa (MySQL)  User-Defined Ma  Model Nan  Direct Source Ma  Columns  Secondary Source	agos TN  ppings  ne  appings	Base Entity  Transformati on Logic  Transformati	Planes Planes Datatype Transformation	DECIMAL DECIMAL  Description  on Description

Columns Transformati Transformation Description

on Logic

#### **Definition**

Tasa de Interés Nominal Anual del plan.

#### Note

Tasa de Interés Nominal Anual del plan.

#### **Logical Column Properties**

Data Type DECIMAL(5, 2) Width 5 Scale 2

Nullable NO Identity NO

#### **Domain Restrictions**

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

### **PlanesComercio**

Entity Name PlanesComercio

**Owner Name** 

Logical Only NO

Entity Type Dependent

Primary Keys
Definition
Notes
IdPlanComercio,IdComercio,IdPlan,IdMedioPago
Tabla que almacena los planes de comercio del sistema.
Tabla que almacena los planes de comercio del sistema.

#### **Object Permission**

User/Role Grantee Permission Action Is Action Is Name Type Type Type Extended System

**Security Properties** 

Name Current Value

**Bound Attachments** 

Name Current Value

**Data Movement Rules** 

Name Type Rule Text/Value

PlanesComercio

Where Used - Model Usage

ModelLogical Entity NameDenormalization MappingsLogicalPlanesComercio

Logical Fisico GestionPagos

(MySQL)

Where Used - Submodel Usage

Model Submodel Usage

Logical Main Model

Logical Vista GestionPagos

Fisico GestionPagos (MySQL) Main Model

**User-Defined Mappings** 

Model Name Description

**Keys** 

Key Name Key Type Keys

PK6 PrimaryKey IdPlanComercio, IdComercio, IdPlan,

IdMedioPago

UI IdPlanComercio Alternate Key IdPlanComercio

# **Attributes**

Attribute/Logical	Domain	Datatype	Null	Definition
IdPlanComercio		INTEGER	ID	Clave primaria de la tabla PlanesComercio (1/4).
IdComercio		INTEGER	N	` ,
IdPlan		SMALLINT	N	
IdMedioPago		TINYINT	N	Clave primara de la tabla MediosPago (1/1). Clave primaria de la tabla PlanesComercio (4/4).
EstadoPComercio		CHAR(1)	N	` ,

# **Defaults, Rules and Check Constraints**

Attribute	Туре	Name	Restriction
Relationships			

# Parent Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	ls Supertype
Planes	Identify	One To				ldPlan,	NO
	ing	Zero or				IdMedio	
	•	More				Pago	
Comercios	Identify	One To				IdComer	NO
	ing	Zero or				cio	
	-	More					

#### **Child Relationships:**

**Entity Type** Cardinality **Business** Verb Inverse Foreign ls Name Name Phrase Phrase Keys Subtype Ventas Non-Id One To NO entifyin Zero or More

### **IdPlanComercio**

Attribute Name IdPlanComercio Entity Name PlanesComercio

Column Name IdPlanComercio Logical Role

Name
Role Name

Logical Only NO

Domain

Primary Key YES

Foreign Key NO Parent Entity

**Security Properties** 

Name Current Value

**Bound Attachments** 

Name Current Value

**Data Movement Rules** 

Name Type Rule Text/Value

**Where Used** 

ModelNameBase EntityDatatypeLogicalIdPlanComercioPlanesComercioINTEGERFisico GestionPagosIdPlanComercioPlanesComercioINT(MySQL)

**User-Defined Mappings** 

Model Name Base Entity Datatype Description

**Direct Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Secondary Source Mappings** 

Columns Transformati Transformation Description

#### on Logic

#### **Direct Target Mappings**

Columns Transformati Transformation Description

on Logic

**Secondary Target Mappings** 

Columns Transformati Transformation Description

on Logic

**Definition** 

Clave primaria de la tabla PlanesComercio (1/4).

**Note** 

Clave primaria de la tabla PlanesComercio (1/4).

**Logical Column Properties** 

Data Type INTEGER Width Scale

Nullable NO Identity YES

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

### **IdComercio**

**Attribute Name** IdComercio **Entity Name** PlanesComercio **Column Name** IdComercio **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** YES Foreign Key **Parent Entity** YES **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical **IdComercio** PlanesComercio INTEGER PlanesComercio Fisico GestionPagos INT **IdComercio** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

Columns Transformati Transformation Description

on Logic

#### **Definition**

Clave primaria de la tabla Comercios (1/1). Clave primaria de la tabla Usuarios (2/2). Clave primaria de la tabla PlanesComercio (2/4).

#### **Note**

Clave primaria de la tabla Comercios (1/1). Clave primaria de la tabla Usuarios (2/2). Clave primaria de la tabla PlanesComercio (2/4).

#### **Logical Column Properties**

Data Type INTEGER Width Scale

Nullable NO Identity NO

### **Domain Restrictions**

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

### **IdPlan**

**Attribute Name** IdPlan **Entity Name** PlanesComercio **Column Name** IdPlan **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** YES Foreign Key **Parent Entity** YES **Planes Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical IdPlan PlanesComercio **SMALLINT** PlanesComercio Fisico GestionPagos IdPlan **SMALLINT** (MySQL) **User-Defined Mappings** Model Name **Base Entity** Description **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** on Logic

Columns Transformati Transformation Description on Logic

#### **Definition**

Clave primaria de la tabla Planes (1/2). Clave primaria de la tabla PlanesComercio (3/4).

#### Note

Clave primaria de la tabla Planes (1/2). Clave primaria de la tabla PlanesComercio (3/4).

#### **Logical Column Properties**

Data Type SMALLINT Width Scale

Nullable NO ldentity NO

#### **Domain Restrictions**

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

# **IdMedioPago**

Attribute Name IdMedioPago Entity Name PlanesComercio Column Name IdMedioPago Logical Role

Name
Role Name

Logical Only NO

Domain

Primary Key YES Foreign Key YES

oreign Key YES Parent Entity Planes

**Security Properties** 

Name Current Value

**Bound Attachments** 

Name Current Value

**Data Movement Rules** 

Name Type Rule Text/Value

**Where Used** 

ModelNameBase EntityDatatypeLogicalIdMedioPagoPlanesComercioTINYINTFisico GestionPagosIdMedioPagoPlanesComercioTINYINT

(MySQL)

**User-Defined Mappings** 

Model Name Base Entity Datatype Description

**Direct Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Secondary Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Direct Target Mappings** 

Columns Transformati Transformation Description

on Logic

Columns

Transformati Transfon Logic

**Transformation Description** 

#### **Definition**

Clave primara de la tabla MediosPago (1/1). Clave primaria de la tabla PlanesComercio (4/4).

#### **Note**

Clave primara de la tabla MediosPago (1/1). Clave primaria de la tabla PlanesComercio (4/4).

### **Logical Column Properties**

Data Type TINYINT Width Scale

Nullable NO Identity NO

#### **Domain Restrictions**

Check Constraint Check Constraint Name Bound Rule Declared Default

Bound Default Reference Value

#### **EstadoPComercio**

**Attribute Name** EstadoPComercio **Entity Name** PlanesComercio **Column Name** EstadoPComercio **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical EstadoPComercio PlanesComercio CHAR Fisico GestionPagos EstadoPComercio **PlanesComercio** CHAR (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformation Description** Columns **Transformati** on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** 

on Logic

Columns Transformati Transformation Description on Logic

**Definition** 

Estado de un plan de comercio A- Activo - B: Baja.

Note

Estado de un plan de comercio A- Activo - B: Baja.

**Logical Column Properties** 

Data Type CHAR(1) Width 1 Scale

Nullable NO ldentity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

### **Usuarios**

**Entity Name** Usuarios

Owner Name

NO

Logical Only

Dependent

Entity Type **Primary Keys** 

IdUsuario, IdComercio

Definition Notes

Tabla que almacena los usuarios. Tabla que almacena los usuarios.

**Object Permission** 

User/Role Grantee Name Type

Permission Type

Action **Type** 

Is Action Extended

ls **System** 

**Security Properties** 

Name

**Current Value** 

**Bound Attachments** 

Name

**Current Value** 

**Data Movement Rules** 

Name

**Type** 

Usuarios

Usuarios

Rule Text/Value

Where Used - Model Usage

Model

**Logical Entity Name** 

**Denormalization Mappings** 

Logical Fisico GestionPagos

(MySQL)

Where Used - Submodel Usage

Model

**Submodel Usage** 

Logical

Main Model

Logical

Vista GestionPagos

Fisico GestionPagos (MySQL)

Main Model

**User-Defined Mappings** 

Model

Name

Description

**Keys** 

**Key Name** UI IdUsuario **Key Type** 

Keys

UI DNI

PK2

Alternate Key Alternate Key IdUsuario DNI

PrimaryKey

IdUsuario, IdComercio

# **Attributes**

Attribute/Logical Rolename	Domain	Datatype	Null	Definition
IdUsuario		INTEGER	ID	Clave primaria de la tabla Usuarios (1/1).
IdComercio		INTEGER	N	Clave primaria de la tabla Comercios (1/1). Clave primaria de la tabla Usuarios (2/2). Clave primaria de la tabla PlanesComercio (2/4).
Nombres		VARCHAR(60)	N	Nombres del usuario.
Apellidos		VARCHAR(60)	N	Apellidos del usuario.
Telefono		VARCHAR(15)	N	Número de teléfono del usuario.
Email		VARCHAR(60)	Ν	Correo electrónico del usuario.
DNI		VARCHAR(10)	N	Número de documento del usuario.
EstadoUsuario		CHAR(1)	N	Estado del usuario A: Alta - B: Baja

# **Defaults, Rules and Check Constraints**

Attribute	Туре	Name	Restriction
Relationships			

### Parent Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	ls Supertype
Comercios	Identify ing	One To Zero or More				IdComer cio	NO

# **Child Relationships:**

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase		ls Subtype
Ventas	Non-Id entifvin	One To Zero or				-	NO

g More

### **IdUsuario**

**Entity Name** 

**Parent Entity** 

Usuarios

Attribute Name IdUsuario IdUsuario

Logical Role

Logical Role

Role Name

**Logical Only** 

Domain

Primary Key YES

Foreign Key NO

**Security Properties** 

Name Current Value

NO

**Bound Attachments** 

Name Current Value

**Data Movement Rules** 

Name Type Rule Text/Value

**Where Used** 

ModelNameBase EntityDatatypeLogicalIdUsuarioUsuariosINTEGERFisico GestionPagosIdUsuarioUsuariosINT

(MySQL)

**User-Defined Mappings** 

Model Name Base Entity Datatype Description

**Direct Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Secondary Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Direct Target Mappings** 

Columns Transformati Transformation Description

on Logic

Columns Transformati Transformation Description

on Logic

Clave primaria de la tabla Usuarios (1/1).

Note

**Definition** 

Clave primaria de la tabla Usuarios (1/1).

**Logical Column Properties** 

Data Type INTEGER Width Scale

Nullable NO Identity YES

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

### **IdComercio**

**Attribute Name** IdComercio **Entity Name** Usuarios **Column Name** IdComercio **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** YES Foreign Key **Parent Entity** YES Comercios **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical **IdComercio** Usuarios **INTEGER** Fisico GestionPagos IdComercio Usuarios INT (MySQL) **User-Defined Mappings** Model Name **Base Entity** Description **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

Columns Transformati Transformation Description

on Logic

#### **Definition**

Clave primaria de la tabla Comercios (1/1). Clave primaria de la tabla Usuarios (2/2). Clave primaria de la tabla PlanesComercio (2/4).

#### **Note**

Clave primaria de la tabla Comercios (1/1). Clave primaria de la tabla Usuarios (2/2). Clave primaria de la tabla PlanesComercio (2/4).

#### **Logical Column Properties**

Data Type INTEGER Width Scale

Nullable NO Identity NO

### **Domain Restrictions**

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

### **Nombres**

**Attribute Name Nombres Entity Name** Usuarios **Column Name** Nombres **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical **Nombres** Usuarios VARCHAR Fisico GestionPagos Nombres Usuarios **VARCHAR** (MySQL) **User-Defined Mappings** Model Name **Base Entity** Description **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** 

on Logic

Columns Transformati Transformation Description

on Logic

**Definition** 

Nombres del usuario.

Note

Nombres del usuario.

**Logical Column Properties** 

Data Type VARCHAR(60) Width 60 Scale

Nullable NO ldentity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

# **Apellidos**

**Attribute Name Apellidos Entity Name** Usuarios **Column Name** Apellidos **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Logical Apellidos Usuarios **VARCHAR** Fisico GestionPagos **Apellidos** Usuarios **VARCHAR** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings Columns Transformati Transformation Description** on Logic **Secondary Source Mappings Transformation Description** Columns **Transformati** on Logic **Direct Target Mappings Columns Transformati Transformation Description** on Logic

Columns Transformati Transformation Description

on Logic

**Definition** 

Apellidos del usuario.

Note

Apellidos del usuario.

**Logical Column Properties** 

Data Type VARCHAR(60) Width 60 Scale

Nullable NO ldentity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **Telefono**

**Attribute Name** Telefono **Entity Name** Usuarios **Column Name** Telefono **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Telefono Logical Usuarios **VARCHAR** Fisico GestionPagos Telefono Usuarios **VARCHAR** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings Columns Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings Columns Transformati Transformation Description** 

on Logic

Columns Transformati Transformation Description

on Logic

**Definition** 

Número de teléfono del usuario.

Note

Número de teléfono del usuario.

**Logical Column Properties** 

Data Type VARCHAR(15) Width 15 Scale

Nullable NO Identity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

## **Email**

Attribute Name Column Name Logical Role Name	Email Email	E	intity Name	Usuarios
Role Name Logical Only	NO			
Domain Primary Key Foreign Key	NO NO	P	Parent Entity	
<b>Security Propert</b>	ies			
Name		Current Value		
Bound Attachme	nts			
Name		Current Value		
Data Movement	Rules			
Name		Туре	Rule Text/Valu	ıe
Where Used				
Model Logical Fisico GestionPa (MySQL)	Е	<b>ame</b> mail mail	Base Entity Usuarios Usuarios	<b>Datatype</b> VARCHAR VARCHAR
User-Defined Ma	ppings			
User-Defined Ma		Base Entity	Datatype	Description
	ne	Base Entity	Datatype	Description
Model Nar	ne	Base Entity  Transformati on Logic	Datatype Transformatio	
Model Nar Direct Source Ma	ne	Transformati on Logic		
Model Nar  Direct Source Ma  Columns	ne	Transformati on Logic		n Description
Model Nar  Direct Source Ma  Columns  Secondary Source	ne appings ce Mappi	Transformati on Logic ngs Transformati	Transformatio	n Description

Columns Transformati Transformation Description

on Logic

**Definition** 

Correo electrónico del usuario.

Note

Correo electrónico del usuario.

**Logical Column Properties** 

Data Type VARCHAR(60) Width 60 Scale

Nullable NO Identity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

# DNI

Attribute Name Column Name Logical Role Name Role Name	DNI DNI	ı	Entity Name	Usuarios
Logical Only Domain	NO			
Primary Key Foreign Key	NO NO	ı	Parent Entity	
Security Propert	ies		<b>,</b>	
Name		Current Value	9	
Bound Attachme	ents			
Name		Current Value	9	
Data Movement	Rules			
Name		Туре	Rule Text/Va	lue
Where Used				
Model Logical Fisico GestionPo (MySQL)	[	<b>Name</b> DNI DNI	Base Entity Usuarios Usuarios	<b>Datatype</b> VARCHAR VARCHAR
Logical Fisico GestionPa	[ agos [	ONI	Usuarios	VARCHAR
Logical Fisico GestionPa (MySQL)	[ agos [ <b>ppings</b>	ONI	Usuarios	VARCHAR
Logical Fisico GestionPo (MySQL)  User-Defined Ma	agos [ ppings ne	ONI ONI	Usuarios Usuarios	VARCHAR VARCHAR
Logical Fisico GestionPo (MySQL)  User-Defined Ma  Model Nar	agos [ ppings ne	ONI ONI	Usuarios Usuarios Datatype	VARCHAR VARCHAR
Logical Fisico GestionPo (MySQL)  User-Defined Ma  Model Nar  Direct Source Ma	agos [ ppings ne appings	Base Entity  Transformati on Logic	Usuarios Usuarios Datatype	VARCHAR VARCHAR  Description
Logical Fisico GestionPo (MySQL)  User-Defined Ma  Model Nar  Direct Source Ma  Columns	agos [ ppings ne appings	Base Entity  Transformati on Logic	Usuarios Usuarios Datatype Transformati	VARCHAR VARCHAR  Description
Logical Fisico GestionPo (MySQL)  User-Defined Ma Model Nar  Direct Source Ma  Columns  Secondary Source	agos [ ppings ne appings	Base Entity  Transformati on Logic  Dings  Transformati	Usuarios Usuarios Datatype Transformati	VARCHAR VARCHAR  Description  on Description

Columns Transformati Transformation Description

on Logic

**Definition** 

Número de documento del usuario.

Note

Número de documento del usuario.

**Logical Column Properties** 

Data Type VARCHAR(10) Width 10 Scale

Nullable NO Identity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **EstadoUsuario**

**Attribute Name** EstadoUsuario **Entity Name** Usuarios **Column Name** EstadoUsuario **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical EstadoUsuario Usuarios CHAR Fisico GestionPagos EstadoUsuario Usuarios **CHAR** (MySQL) **User-Defined Mappings** Model Name **Base Entity** Description **Datatype Direct Source Mappings Columns Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

**Columns** 

Columns Transformati Transformation Description

on Logic

**Definition** 

Estado del usuario A: Alta - B: Baja

Note

Estado del usuario A: Alta - B: Baja

**Logical Column Properties** 

Data Type CHAR(1) Width 1 Scale

Nullable NO ldentity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **Ventas**

**Entity Name** Ventas

Owner Name

NO

Logical Only Entity Type **Primary Keys** 

Independent IdVenta

Definition Tabla que almacena las ventas del sistema. Notes Tabla que almacena las ventas del sistema.

**Object Permission** 

User/Role Grantee Permission **Action** Is Action ls **System Type** Extended

Name Type Type

**Security Properties** 

**Current Value** Name

**Bound Attachments** 

**Current Value** Name

**Data Movement Rules** 

Rule Text/Value Name **Type** 

Where Used - Model Usage

Model **Logical Entity Name Denormalization Mappings** 

Logical Ventas Fisico GestionPagos Ventas

(MySQL)

Where Used - Submodel Usage

Model Submodel Usage

Logical Main Model

Vista GestionPagos Logical

Fisico GestionPagos (MySQL) Main Model

**User-Defined Mappings** 

Model Name Description

**Keys** 

**Key Name Key Type** Keys IX DNI Inversion Entry **DNICliente** PK5 PrimaryKey IdVenta IX\_FechaAlta Inversion Entry FechaAlta

#### **Attributes**

Attribute/Logical Rolename	Domain	Datatype	Null	Definition
IdVenta		INTEGER	ID	-
IdPlanComercio		INTEGER	Y	la tabla Ventas. Clave primaria de la tabla PlanesComercio (1/4).
IdUsuario		INTEGER	N	
IdComercio		INTEGER	N	· · · · · · · · · · · · · · · · · · ·
IdPlan		SMALLINT	Y	• •
IdMedioPago		TINYINT	Υ	<u> </u>
FechaAlta		DATETIME	N	• •
Monto		DECIMAL(12, 2)	N	Monto de la venta.
Detalles		TEXT	N	Detalles de la venta (JSON).
ApellidosCliente		VARCHAR(60)	N	Apellidos del cliente.
NombresCliente		VARCHAR(60)	Ν	Nombres del
DireccionCliente		VARCHAR(100	N	cliente. Dirección del
DNICliente		) VARCHAR(10)	N	cliente. Número de documento del cliente.
NumTarjetaCliente		VARCHAR(20)	N	Número de tarjeta del cliente.
EstadoVenta		CHAR(1)	N	Estado de la venta A: En Edición - P: Pendiente - C: Baja - F:

Observaciones TEXT Y Observaciones de la venta

(Opcional).

Defaults,	Rules	and	Check	Constraints
-----------	-------	-----	-------	-------------

Attribute	Туре	Name	Restriction
Relationships			

#### Parent Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	ls Supertype
Usuarios	Non-Id entifyin g	One To Zero or More				IdUsuari o, IdComer cio	NO
PlanesCo mercio	Non-Id entifyin g	Zero or One to Zero or More				IdPlanC omercio, IdComer cio, IdPlan, IdMedio Pago	NO

#### **Child Relationships:**

Entity	Type	Cardinality	Business	Verb	Inverse	Foreign	ls
Name			Name	Phrase	Phrase	Keys	Subtype

#### **IdVenta**

Attribute Name IdVenta Entity Name Ventas
Column Name IdVenta
Logical Role

Name Role Name Logical Only NO Domain

Primary Key YES
Foreign Key NO Parent Entity

**Security Properties** 

Name Current Value

**Bound Attachments** 

Name Current Value

#### **Data Movement Rules**

Name		Туре	Rule Text/Valu	e
Where Used				
Model Logical Fisico GestionPa (MySQL)		nta	Base Entity Ventas Ventas	<b>Datatype</b> INTEGER INT
User-Defined Ma	ppings			
Model Nan	ne	Base Entity	Datatype	Description
Direct Source Ma	ppings			
Columns		Transformati on Logic	Transformation	n Description
Secondary Source	e Mapping	S		
Columns		Transformati on Logic	Transformation	n Description
Direct Target Map	ppings			
Columns		Transformati on Logic	Transformation	n Description
Secondary Targe	t Mappings			
Columns		Transformati on Logic	Transformation	n Description
Definition				
Clave primaria d	e la tabla Ve	entas.		
Note				
Clave primaria d	e la tabla Ve	entas.		
Logical Column I	Properties			
Data Type Nullable Identity	INTEGER NO YES	•	Width	Scale
Domain Bootsieti				

**Domain Restrictions** 

**Check Constraint Check Constraint** 

Name Bound Rule Declared Default Bound Default Reference Value

#### **IdPlanComercio**

**Attribute Name** IdPlanComercio **Entity Name** Ventas **Column Name** IdPlanComercio **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** YES **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical IdPlanComercio Ventas INTEGER Fisico GestionPagos IdPlanComercio Ventas INT (MySQL) **User-Defined Mappings** Model Name **Base Entity** Description **Datatype Direct Source Mappings** 

rect Source mappings

Columns Transformati Transformation Description

on Logic

**Secondary Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Direct Target Mappings** 

Columns Transformati Transformation Description

on Logic

Columns Transformati Transformation Description

on Logic

#### **Definition**

Clave primaria de la tabla PlanesComercio (1/4).

#### Note

Clave primaria de la tabla PlanesComercio (1/4).

#### **Logical Column Properties**

Data Type INTEGER Width Scale

Nullable YES Identity NO

#### **Domain Restrictions**

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **IdUsuario**

**Attribute Name** IdUsuario **Entity Name** Ventas **Column Name** IdUsuario **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** Usuarios YES **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical IdUsuario Ventas **INTEGER** Fisico GestionPagos IdUsuario Ventas INT (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings Columns Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

**Columns** 

Columns Transformati Transformation Description on Logic

5... \_5

Clave primaria de la tabla Usuarios (1/1).

Note

**Definition** 

Clave primaria de la tabla Usuarios (1/1).

**Logical Column Properties** 

Data Type INTEGER Width Scale

Nullable NO ldentity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **IdComercio**

**Attribute Name** IdComercio **Entity Name** Ventas **Column Name** IdComercio **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** Usuarios YES **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Logical **IdComercio** Ventas **INTEGER** Fisico GestionPagos IdComercio Ventas INT (MySQL) **User-Defined Mappings** Model Name **Base Entity** Description **Datatype Direct Source Mappings Columns Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

**Columns** 

Columns Transformati Transformation Description

on Logic

#### **Definition**

Clave primaria de la tabla Comercios (1/1). Clave primaria de la tabla Usuarios (2/2). Clave primaria de la tabla PlanesComercio (2/4).

#### **Note**

Clave primaria de la tabla Comercios (1/1). Clave primaria de la tabla Usuarios (2/2). Clave primaria de la tabla PlanesComercio (2/4).

#### **Logical Column Properties**

Data Type INTEGER Width Scale

Nullable NO Identity NO

#### **Domain Restrictions**

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

#### **IdPlan**

**Attribute Name** IdPlan **Entity Name** Ventas **Column Name** IdPlan **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** YES **Security Properties** Name **Current Value Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical IdPlan Ventas **SMALLINT** Fisico GestionPagos IdPlan Ventas **SMALLINT** (MySQL) **User-Defined Mappings** Model Name **Base Entity** Description **Datatype Direct Source Mappings Columns Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings Columns Transformati Transformation Description** 

on Logic

Columns Transformati Transformation Description on Logic

#### **Definition**

Clave primaria de la tabla Planes (1/2). Clave primaria de la tabla PlanesComercio (3/4).

#### Note

Clave primaria de la tabla Planes (1/2). Clave primaria de la tabla PlanesComercio (3/4).

#### **Logical Column Properties**

Data Type SMALLINT Width Scale

Nullable YES Identity NO

#### **Domain Restrictions**

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

## **IdMedioPago**

Attribute NameIdMedioPagoEntity NameVentasColumn NameIdMedioPago

Logical Role

Name Role Name

Logical Only NO

Domain

Primary Key NO

Foreign Key YES Parent Entity

**Security Properties** 

Name Current Value

**Bound Attachments** 

Name Current Value

**Data Movement Rules** 

Name Type Rule Text/Value

**Where Used** 

ModelNameBase EntityDatatypeLogicalIdMedioPagoVentasTINYINTFisico GestionPagosIdMedioPagoVentasTINYINT

(MySQL)

**User-Defined Mappings** 

Model Name Base Entity Datatype Description

**Direct Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Secondary Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Direct Target Mappings** 

Columns Transformati Transformation Description

on Logic

Columns Transformati Transformation Description on Logic

#### **Definition**

Clave primara de la tabla MediosPago (1/1). Clave primaria de la tabla PlanesComercio (4/4).

#### **Note**

Clave primara de la tabla MediosPago (1/1). Clave primaria de la tabla PlanesComercio (4/4).

#### **Logical Column Properties**

Data Type TINYINT Width Scale

Nullable YES Identity NO

#### **Domain Restrictions**

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

#### **FechaAlta**

**Attribute Name** FechaAlta **Entity Name** Ventas **Column Name** FechaAlta **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical FechaAlta Ventas **DATETIME** DATETIME Fisico GestionPagos FechaAlta Ventas (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings Columns Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** 

on Logic

Columns Transformati Transformation Description

on Logic

**Definition** 

Fecha de alta de una venta.

Note

Fecha de alta de una venta.

**Logical Column Properties** 

Data Type DATETIME Width Scale

Nullable NO ldentity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

## Monto

Attribute Name Column Name Logical Role Name	Monto Monto	E	Entity Name	Ventas
Role Name Logical Only	NO			
Domain Primary Key Foreign Key	NO NO	ı	Parent Entity	
Security Properti	es			
Name		Current Value	•	
<b>Bound Attachme</b>	nts			
Name		Current Value	•	
Data Movement F	Rules			
Name		Туре	Rule Text/Value	•
Where Used				
<b>Model</b> Logical Fisico GestionPa (MySQL)	<b>Na</b> r Mor agos Mor	nto	Base Entity Ventas Ventas	<b>Datatype</b> DECIMAL DECIMAL
User-Defined Ma	ppings			
Model Nan	ne	Base Entity	Datatype	Description
Direct Source Ma	ppings			
Columns		Transformati on Logic	Transformation	Description
Secondary Source	e Mapping	js		
Columns		Transformati on Logic	Transformation	Description
Direct Target Ma	ppings			
Columns		Transformati on Logic	Transformation	Description

Columns Transformati Transformation Description

on Logic

**Definition** 

Monto de la venta.

Note

Monto de la venta.

**Logical Column Properties** 

Data Type DECIMAL(12, 2) Width 12 Scale 2

Nullable NO Identity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **Detalles**

**Attribute Name** Detalles **Entity Name** Ventas **Column Name** Detalles **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Logical Detalles Ventas TEXT Fisico GestionPagos Detalles Ventas **TEXT** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** 

on Logic

Columns Transformati Transformation Description

on Logic

**Definition** 

Detalles de la venta (JSON).

Note

Detalles de la venta (JSON).

**Logical Column Properties** 

Data Type TEXT Width Scale

Nullable NO ldentity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

## **ApellidosCliente**

**Attribute Name** ApellidosCliente **Entity Name** Ventas **Column Name** ApellidosCliente **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical ApellidosCliente Ventas **VARCHAR** Fisico GestionPagos ApellidosCliente **VARCHAR** Ventas (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformation Description** Columns **Transformati** on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

Columns Transformati Transformation Description

on Logic

**Definition** 

Apellidos del cliente.

Note

Apellidos del cliente.

**Logical Column Properties** 

Data Type VARCHAR(60) Width 60 Scale

Nullable NO Identity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **NombresCliente**

**Attribute Name** NombresCliente **Entity Name** Ventas **Column Name** NombresCliente **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical NombresCliente Ventas VARCHAR Fisico GestionPagos NombresCliente Ventas **VARCHAR** (MySQL) **User-Defined Mappings** Model Name **Base Entity** Description **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** on Logic

Columns Transformati Transformation Description

on Logic

**Definition** 

Nombres del cliente.

Note

Nombres del cliente.

**Logical Column Properties** 

Data Type VARCHAR(60) Width 60 Scale

Nullable NO Identity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **DireccionCliente**

**Attribute Name** DireccionCliente **Entity Name** Ventas **Column Name** DireccionCliente **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical DireccionCliente Ventas VARCHAR Fisico GestionPagos DireccionCliente Ventas **VARCHAR** (MySQL) **User-Defined Mappings** Model Name **Base Entity** Description **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** 

on Logic

Columns Transformati Transformation Description

on Logic

**Definition** 

Dirección del cliente.

Note

Dirección del cliente.

**Logical Column Properties** 

Data Type VARCHAR(100) Width 100 Scale

Nullable NO Identity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **DNICliente**

**Attribute Name DNICliente Entity Name** Ventas **Column Name DNICliente Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties** Name **Current Value Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical **DNICliente** Ventas **VARCHAR** Fisico GestionPagos **DNICliente** Ventas **VARCHAR** (MySQL) **User-Defined Mappings** Model Name **Base Entity** Description **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

## **Secondary Target Mappings**

Columns Transformati Transformation Description

on Logic

**Definition** 

Número de documento del cliente.

Note

Número de documento del cliente.

**Logical Column Properties** 

Data Type VARCHAR(10) Width 10 Scale

Nullable NO Identity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

**Reference Value** 

# NumTarjetaCliente

**Attribute Name** NumTarjetaCliente **Entity Name** Ventas **Column Name** NumTarjetaCliente **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model **Base Entity Datatype** Logical NumTarjetaCliente Ventas **VARCHAR** Fisico GestionPagos NumTarjetaCliente **VARCHAR** Ventas (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformation Description** Columns **Transformati** on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

## **Secondary Target Mappings**

Columns Transformati Transformation Description

on Logic

**Definition** 

Número de tarjeta del cliente.

Note

Número de tarjeta del cliente.

**Logical Column Properties** 

Data Type VARCHAR(20) Width 20 Scale

Nullable NO Identity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

**Reference Value** 

### **EstadoVenta**

**Attribute Name** EstadoVenta **Entity Name** Ventas **Column Name** EstadoVenta **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Logical EstadoVenta Ventas CHAR Fisico GestionPagos EstadoVenta Ventas **CHAR** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

### **Secondary Target Mappings**

Columns Transformati Transformation Description

on Logic

### **Definition**

Estado de la venta A: En Edición - P: Pendiente - C: Baja - F: Finalizado.

#### Note

Estado de la venta A: En Edición - P: Pendiente - C: Baja - F: Finalizado.

### **Logical Column Properties**

Data Type CHAR(1) Width 1 Scale

Nullable NO Identity NO

### **Domain Restrictions**

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

**Reference Value** 

### **Observaciones**

**Attribute Name** Observaciones **Entity Name** Ventas **Column Name** Observaciones **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Logical Observaciones Ventas TEXT Fisico GestionPagos Observaciones Ventas **TEXT** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

## **Secondary Target Mappings**

Columns

Transformati on Logic

**Transformation Description** 

### **Definition**

Observaciones de la venta (Opcional).

#### Note

Observaciones de la venta (Opcional).

### **Logical Column Properties**

Data Type TEXT Nullable YES Identity NO

Width

Scale

### **Domain Restrictions**

Check Constraint Check Constraint Name Bound Rule Declared Default Bound Default Reference Value

# **Key Summary Report**

Key Name	Key Type	Unique
PK1	PrimaryKey	YES
UI_Comercio	Alternate Key	YES
PK3	PrimaryKey	YES
UI_MedioPago	Alternate Key	YES
PK4	PrimaryKey	YES
UI_IdPlan	Alternate Key	YES
UI_Codigo	Alternate Key	YES
PK6	PrimaryKey	YES
UI_IdPlanComercio	Alternate Key	YES
UI_IdComercioIdPlan	Alternate Key	YES
UI_IdUsuario	Alternate Key	YES
UI_DNI	Alternate Key	YES
PK2	PrimaryKey	YES
IX_NombresApellidos		NO
IX_DNI	Inversion Entry	NO
PK5	PrimaryKey	YES
IX_FechaAlta	Inversion Entry	NO
	PK1 UI_Comercio PK3 UI_MedioPago PK4 UI_IdPlan UI_Codigo PK6 UI_IdPlanComercio UI_IdComercioIdPlan UI_IdUsuario UI_DNI PK2 IX_NombresApellidos IX_DNI PK5	PK1 PrimaryKey UI_Comercio Alternate Key PK3 PrimaryKey UI_MedioPago Alternate Key PK4 PrimaryKey UI_IdPlan Alternate Key UI_Codigo Alternate Key PK6 PrimaryKey UI_IdPlanComercio Alternate Key UI_IdComercioIdPlan Alternate Key UI_IdComercioIdPlan Alternate Key UI_IdUsuario Alternate Key UI_DNI Alternate Key PK2 PrimaryKey IX_NombresApellidos Inversion Entry IX_DNI Inversion Entry PK5 PrimaryKey

# **Key Detail Reports**

# PK1

PK1

Key Name Entity Name Logical Only Comercios

NO

Key Type Key Type Unique PrimaryKey PrimaryKey YES

Keys IdComercio

### **Bound Attachments**

**Current Value** Name

# **UI\_Comercio**

Key Name Entity Name Logical Only Key Type Key Type UI\_Comercio Comercios

NO

Alternate Key Alternate Key

Unique YES Comercio Keys

## **Bound Attachments**

# PK3

PK3

MediosPago

NO

Key Name Entity Name Logical Only Key Type Key Type PrimaryKey PrimaryKey YES

Unique

IdMedioPago Keys

### **Bound Attachments**

# **UI\_MedioPago**

Key Name Entity Name Logical Only Key Type Key Type UI\_MedioPago MediosPago

NO

Alternate Key Alternate Key

Unique YES

MedioPago Keys

## **Bound Attachments**

# PK4

Key Name Entity Name Logical Only Key Type Key Type PK4 Planes NO

PrimaryKey PrimaryKey

Unique YES

IdPlan,IdMedioPago Keys

## **Bound Attachments**

# UI\_IdPlan

Key Name Entity Name Logical Only Key Type Key Type UI\_IdPlan Planes NO

Alternate Key Alternate Key YES

Unique IdPlan Keys

## **Bound Attachments**

# **UI\_Codigo**

Key Name Entity Name Logical Only Key Type Key Type UI\_Codigo Planes NO

Alternate Key Alternate Key YES

Unique Codigo Keys

### **Bound Attachments**

# PK6

PK6

PlanesComercio

NO

Key Name Entity Name Logical Only Key Type Key Type PrimaryKey PrimaryKey

Unique YES

Id Plan Comercio, Id Comercio, Id Plan, Id Medio PagoKeys

## **Bound Attachments**

# **UI\_IdPlanComercio**

UI\_IdPlanComercio PlanesComercio

NO

Key Name Entity Name Logical Only Key Type Key Type Alternate Key Alternate Key

Unique YES

IdPlanComercio Keys

## **Bound Attachments**

# **UI\_IdComercioldPlan**

UI\_IdComercioIdPlan PlanesComercio

NO

Key Name Entity Name Logical Only Key Type Key Type Alternate Key Alternate Key

Unique YES

IdComercio,IdPlan Keys

## **Bound Attachments**

# **UI\_IdUsuario**

Key Name Entity Name Logical Only Key Type Key Type UI\_IdUsuario Usuarios NO

Alternate Key Alternate Key

Unique YES Keys IdUsuario

## **Bound Attachments**

# UI\_DNI

Key Name Entity Name Logical Only Key Type Key Type UI\_DNI Usuarios NO

Alternate Key Alternate Key

Unique YES DNI Keys

### **Bound Attachments**

# PK2

Key Name Entity Name Logical Only Key Type Key Type PK2 Usuarios NO

PrimaryKey PrimaryKey

Unique YES

IdUsuario,IdComercio Keys

## **Bound Attachments**

# IX\_NombresApellidos

IX\_NombresApellidos

Usuarios NO

Key Name Entity Name Logical Only Key Type Key Type Inversion Entry Inversion Entry

Unique NO

Nombres, Apellidos Keys

## **Bound Attachments**

# IX\_DNI

Key Name Entity Name Logical Only Key Type Key Type IX\_DNI Ventas NO

Inversion Entry Inversion Entry

Unique NO

**DNICliente** Keys

## **Bound Attachments**

# PK5

Key Name Entity Name Logical Only Key Type Key Type PK5 Ventas NO

PrimaryKey PrimaryKey YES Unique Keys IdVenta

## **Bound Attachments**

# IX\_FechaAlta

IX\_FechaAlta Ventas

NO

Key Name Entity Name Logical Only Key Type Key Type Inversion Entry Inversion Entry

Unique NO

FechaAlta Keys

## **Bound Attachments**

# **Relationship Summary Report**

Parent Entity	Child Entity	Relationship Type	No of Keys
Comercios	Usuarios	Identifying	1
Usuarios	Ventas	Non-Identifying	2
PlanesComercio	Ventas	Non-Identifying	4
MediosPago	Planes	Identifying	1
Planes	PlanesComercio	Identifying	2
Comercios	PlanesComercio	Identifying	1

# **Relationship Detail Reports**

# **Relationship: Comercios to Usuarios**

Relationship Name Relationship Business Name

Relationship Type Identifying Relationship Do Not False

Generate

Relationship Logical NO

Only

Parent Entity Comercios
Child Entity Usuarios

**Cardinality** One To Zero or More

Existence Mandatory
Propagated Key Primary Key

### **Bound Attachments**

Name Current Value

### **Relationship Description**

Verb Sentence Inverse Verb Sentence Definition Note

### **Relationship Keys**

Parent Key Child Key IdComercio IdComercio

#### **Trigger Templates**

Trigger Event Trigger Action

# **Relationship: Usuarios to Ventas**

Relationship Name Relationship Business Name

Relationship Type

nship Type Non-Identifying

Relationship Do Not False

Generate

Relationship Logical NO

Only

Parent Entity Usuarios
Child Entity Ventas

Cardinality One To Zero or More

**Existence** Mandatory **Propagated Key** Primary Key

#### **Bound Attachments**

Name Current Value

### **Relationship Description**

Verb Sentence Inverse Verb Sentence Definition Note

#### **Relationship Keys**

Parent KeyChild KeyIdUsuarioIdUsuarioIdComercioIdComercio

### **Trigger Templates**

Trigger Event Trigger Action

# **Relationship: PlanesComercio to Ventas**

Relationship Name Relationship Business Name

Relationship Type Non-Identifying

Relationship Do Not False

Generate

Relationship Logical NO

Only

Parent Entity PlanesComercio

Child Entity Ventas

**Cardinality** Zero or One to Zero or More

**Existence** Optional Propagated Key Primary Key

#### **Bound Attachments**

Name Current Value

#### **Relationship Description**

Verb Sentence Inverse Verb Sentence Definition Note

#### **Relationship Keys**

Parent KeyChild KeyIdPlanComercioIdPlanComercioIdComercioIdComercioIdPlanIdPlanIdMedioPagoIdMedioPago

### **Trigger Templates**

Trigger Event Trigger Action

# Relationship: MediosPago to Planes

Relationship Name Relationship Business Name

**Relationship Type** Identifying **Relationship Do Not** False

Generate

Relationship Logical NO

Only

Parent Entity MediosPago
Child Entity Planes

Cardinality One To Zero or More

Existence Mandatory
Propagated Key Primary Key

#### **Bound Attachments**

Name Current Value

### **Relationship Description**

Verb Sentence Inverse Verb Sentence Definition Note

### **Relationship Keys**

Parent Key Child Key IdMedioPago IdMedioPago

### **Trigger Templates**

Trigger Event Trigger Action

# Relationship: Planes to PlanesComercio

Relationship Name Relationship Business Name

**Relationship Type** Identifying **Relationship Do Not** False

Generate

Relationship Logical NO

Only

Parent Entity Planes

**Child Entity** PlanesComercio **Cardinality** One To Zero or More

**Existence** Mandatory **Propagated Key** Primary Key

#### **Bound Attachments**

Name Current Value

#### **Relationship Description**

Verb Sentence Inverse Verb Sentence Definition Note

#### **Relationship Keys**

Parent KeyChild KeyIdPlanIdPlanIdMedioPagoIdMedioPago

#### **Trigger Templates**

Trigger Event Trigger Action

# **Relationship: Comercios to PlanesComercio**

Relationship Name Relationship Business Name

**Relationship Type** Identifying **Relationship Do Not** False

Generate

Relationship Logical NO

Only

Parent Entity Comercios
Child Entity PlanesComercio
Cardinality One To Zero or More

**Existence** Mandatory **Propagated Key** Primary Key

#### **Bound Attachments**

Name Current Value

#### **Relationship Description**

Verb Sentence Inverse Verb Sentence Definition Note

#### **Relationship Keys**

Parent Key Child Key IdComercio IdComercio

#### **Trigger Templates**

Trigger Event Trigger Action

# **Submodel Detail Reports**

# Vista GestionPagos

SubModel

Vista GestionPagos

Name Database

Logical

Platform Parent SubModel

**Definition** 

**Security Properties** 

Name Current Value

**Bound Attachments** 

# **Entity Summary Report**

<b>Entity Name</b>	Entity Type	Primary Keys	# Attr
Comercios	Independent	IdComercio	6
MediosPago	Independent	IdMedioPago	4
Planes	Dependent	IdPlan,IdMedioPago	5
PlanesComercio	Dependent	IdPlanComercio,IdComercio,IdPlan,Id MedioPago	5
Usuarios	Dependent	IdUsuario,IdComercio	8
Ventas	Independent	IdVenta	16

## **Entity Detail Reports**

### **Comercios**

**Entity Name** 

Comercios

**Owner Name** 

NO

**Logical Only** 

Independent

**Entity Type Primary Keys** IdComercio Definition

Tabla que almacena los comercios del sistema. Tabla que almacena los comercios del sistema.

**Object Permission** 

User/Role Name

Grantee **Type** 

Permission Action Type

Type

Is Action Extended Is **System** 

**Security Properties** 

Name

**Notes** 

**Current Value** 

**Bound Attachments** 

Name

**Current Value** 

**Data Movement Rules** 

Name

**Type** 

Rule Text/Value

Where Used - Model Usage

Model

**Logical Entity Name** 

**Denormalization Mappings** 

Logical Fisico GestionPagos

(MySQL)

Comercios Comercios

Where Used - Submodel Usage

Model

**Submodel Usage** 

Logical

Main Model

Logical

Vista GestionPagos

Fisico GestionPagos (MySQL)

Main Model

**User-Defined Mappings** 

Model

Name

**Description** 

# Keys

Key Name	Key Type	Keys
PK1	PrimaryKey	IdComercio
UI_Comercio	Alternate Key	Comercio

## **Attributes**

Attribute/Logical Rolename	Domain	Datatype	Null	Definition
IdComercio		INTEGER	ID	Clave primaria de la tabla Comercios (1/1). Clave primaria de la tabla Usuarios (2/2). Clave primaria de la tabla PlanesComercio (2/4).
Comercio		VARCHAR(100	N	Nombre del comercio.
Telefono		VARCHAR(15)	N	Número de teléfono del comercio.
Direccion		VARCHAR(100	N	Dirección del comercio.
Localidad		VARCHAR(100	N	Localidad del comercio.
EstadoComercio		CHAR(1)	N	Estado del comercio A: Activo - B: Baja

# **Defaults, Rules and Check Constraints**

Type

Attribute	Type	Name	Restriction
Relationships			

Cardinality Business Verb

# Parent Relationships:

**Entity** 

Name	<b>,</b>	,	Name	Phrase	Phrase	Keys	Supertype
Child Relati	ionships:						
Entity Name	Туре	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	ls Subtype
Usuarios	Identify ing	One To Zero or More				j	NO J.
PlanesCo mercio	Identify ing	One To Zero or More					NO

Inverse

Foreign Is

### **IdComercio**

Attribute Name IdComercio Entity Name Comercios
Column Name IdComercio

Logical Role Name Role Name

Logical Only NO

Domain

Primary Key YES

Foreign Key NO Parent Entity

**Security Properties** 

Name Current Value

**Bound Attachments** 

Name Current Value

**Data Movement Rules** 

Name Type Rule Text/Value

**Where Used** 

ModelNameBase EntityDatatypeLogicalIdComercioComerciosINTEGERFisico GestionPagosIdComercioComerciosINT

(MySQL)

**User-Defined Mappings** 

Model Name Base Entity Datatype Description

**Direct Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Secondary Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Direct Target Mappings** 

Columns Transformati Transformation Description

on Logic

Columns

Transformati on Logic

**Transformation Description** 

#### **Definition**

Clave primaria de la tabla Comercios (1/1). Clave primaria de la tabla Usuarios (2/2). Clave primaria de la tabla PlanesComercio (2/4).

#### **Note**

Clave primaria de la tabla Comercios (1/1). Clave primaria de la tabla Usuarios (2/2). Clave primaria de la tabla PlanesComercio (2/4).

### **Logical Column Properties**

Data Type INTEGER Width Scale

Nullable NO Identity YES

### **Domain Restrictions**

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

### Comercio

**Attribute Name** Comercio **Entity Name** Comercios **Column Name** Comercio **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical Comercio Comercios VARCHAR Fisico GestionPagos Comercios **VARCHAR** Comercio (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** 

on Logic

Columns Transformati Transformation Description

on Logic

**Definition** 

Nombre del comercio.

Note

Nombre del comercio.

**Logical Column Properties** 

Data Type VARCHAR(100) Width 100 Scale

Nullable NO Identity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

### **Telefono**

**Attribute Name** Telefono **Entity Name** Comercios **Column Name** Telefono **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Telefono Logical Comercios **VARCHAR** Fisico GestionPagos Telefono Comercios **VARCHAR** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** 

on Logic

Columns Transformati Transformation Description

on Logic

**Definition** 

Número de teléfono del comercio.

Note

Número de teléfono del comercio.

**Logical Column Properties** 

Data Type VARCHAR(15) Width 15 Scale

Nullable NO Identity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

### **Direccion**

**Attribute Name** Direccion **Entity Name** Comercios **Column Name** Direccion **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical Direccion Comercios **VARCHAR** Fisico GestionPagos Comercios **VARCHAR** Direccion (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** 

on Logic

Columns Transformati Transformation Description

on Logic

**Definition** 

Dirección del comercio.

Note

Dirección del comercio.

**Logical Column Properties** 

Data Type VARCHAR(100) Width 100 Scale

Nullable NO Identity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

### Localidad

**Attribute Name** Localidad **Entity Name** Comercios **Column Name** Localidad **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Localidad Logical Comercios VARCHAR Fisico GestionPagos Localidad Comercios **VARCHAR** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** on Logic

Columns Transformati Transformation Description

on Logic

**Definition** 

Localidad del comercio.

Note

Localidad del comercio.

**Logical Column Properties** 

Data Type VARCHAR(100) Width 100 Scale

Nullable NO ldentity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **EstadoComercio**

**Attribute Name** EstadoComercio **Entity Name** Comercios **Column Name** EstadoComercio **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical EstadoComercio Comercios CHAR Fisico GestionPagos EstadoComercio Comercios CHAR (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

Columns Transformati Transformation Description

on Logic

#### **Definition**

Estado del comercio A: Activo - B: Baja

#### Note

Estado del comercio A: Activo - B: Baja

### **Logical Column Properties**

Data Type CHAR(1) Width 1 Scale

Nullable NO ldentity NO

### **Domain Restrictions**

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

### **MediosPago**

Entity Name MediosPago

Owner Name

NO

Logical Only Entity Type

Independent

Primary Keys IdMedioPago
Definition Tabla que alm

**Definition**Tabla que almacena los medios de pago del sistema. **Notes**Tabla que almacena los medios de pago del sistema.

**Object Permission** 

User/Role Grantee

Permission Action Type Type

Is Action Extended

**Denormalization Mappings** 

ls System

**Security Properties** 

Name

Name Current Value

Type

**Bound Attachments** 

Name Current Value

**Data Movement Rules** 

Name Type Rule Text/Value

Where Used - Model Usage

Model Logical Entity Name

Logical MediosPago Fisico GestionPagos MediosPago

(MySQL)

Where Used - Submodel Usage

Model Submodel Usage

Logical Main Model

Logical Vista GestionPagos

Fisico GestionPagos (MySQL) Main Model

**User-Defined Mappings** 

Model Name Description

**Keys** 

Key Name Key Type Keys

PK3 PrimaryKey IdMedioPago UI MedioPago Alternate Key MedioPago

### **Attributes**

Attribute/Logical Rolename	Domain	Datatype	Null	Definition
IdMedioPago		TINYINT	ID	Clave primara de la tabla MediosPago (1/1). Clave primaria de la tabla PlanesComercio (4/4). Clave primaria de la tabla Planes (2/2).
MedioPago		VARCHAR(100 )	N	Nombre del medio de pago.
Tipo		VARCHAR(10)	N	Tipos de medios de pago.
Banco		VARCHAR(100 )	Υ	Banco del medio de pago.
Defaults, Rules and C	Check Constraints			

Attribute	Type	Name	Restriction
Relationships			

### Parent Relationships:

Entity Name	Туре	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	ls Supertype
Child Relation	onships:						
Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	ls Subtype
Planes	Identify ing	One To Zero or More				•	NO .

## IdMedioPago

Attribute Name Column Name	IdMedioPago IdMedioPago	Entity Name	MediosPago
Logical Role			
Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	NO	Parent Entity	

Security	, Pro	nortice
Security	, FIU	טסו נוסט

Name	Current Value			
<b>Bound Attachments</b>				
Name	Current Value			
Data Movement Rule	s			
Name	Туре	Rule Text/Valu	ıe	
Where Used				
Model Logical Fisico GestionPagos (MySQL)	Name IdMedioPago IdMedioPago	Base Entity MediosPago MediosPago	<b>Datatype</b> TINYINT TINYINT	
<b>User-Defined Mappin</b>	gs			
Model Name	Base Entity	Datatype	Description	
Direct Source Mappin	ngs			
Columns	Transformati on Logic	Transformatio	n Description	
Secondary Source M	appings			
Columns	Transformati on Logic	Transformatio	n Description	
<b>Direct Target Mappin</b>	gs			
Columns	Transformati on Logic	Transformatio	n Description	
Secondary Target Ma	ppings			
Columns	Transformati on Logic	Transformatio	n Description	
Definition				

Clave primara de la tabla MediosPago (1/1). Clave primaria de la tabla PlanesComercio (4/4). Clave primaria de la tabla Planes (2/2).

#### Note

Clave primara de la tabla MediosPago (1/1). Clave primaria de la tabla PlanesComercio (4/4). Clave primaria de la tabla Planes (2/2).

### **Logical Column Properties**

Data Type TINYINT Width Scale

Nullable NO Identity YES

### **Domain Restrictions**

Check Constraint Check Constraint Name Bound Rule Declared Default Bound Default Reference Value

### MedioPago

**Attribute Name** MedioPago **Entity Name** MediosPago **Column Name** MedioPago **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical MedioPago MediosPago **VARCHAR** Fisico GestionPagos MedioPago MediosPago **VARCHAR** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformation Description** Columns **Transformati** on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

Columns Transformati Transformation Description

on Logic

**Definition** 

Nombre del medio de pago.

Note

Nombre del medio de pago.

**Logical Column Properties** 

Data Type VARCHAR(100) Width 100 Scale

Nullable NO ldentity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

# Tipo

Attribute Name Column Name Logical Role Name Role Name	Tipo Tipo	E	Entity Name	MediosPago
Logical Only Domain	NO			
Primary Key Foreign Key	NO NO	F	Parent Entity	
Security Propert	ies			
Name		Current Value		
Bound Attachme	nts			
Name		Current Value	•	
Data Movement	Rules			
Name		Туре	Rule Text/Valu	е
Where Used				
Model Logical Fisico GestionP (MySQL)	<b>Na</b> i Tip agos Tip	0	Base Entity MediosPago MediosPago	<b>Datatype</b> VARCHAR VARCHAR
Logical Fisico GestionPa	Tip agos Tip	0	MediosPago	VARCHAR
Logical Fisico GestionPo (MySQL)	Tip agos Tip <b>ppings</b>	0	MediosPago	VARCHAR
Logical Fisico GestionPo (MySQL)  User-Defined Ma	Tip agos Tip <b>ppings</b> ne	0	MediosPago MediosPago	VARCHAR VARCHAR
Logical Fisico GestionPo (MySQL)  User-Defined Ma  Model Nar	Tip agos Tip <b>ppings</b> ne	0	MediosPago MediosPago	VARCHAR VARCHAR  Description
Logical Fisico GestionPo (MySQL)  User-Defined Ma  Model Nar  Direct Source Ma	Tip agos Tip ppings ne appings	Base Entity  Transformati on Logic	MediosPago MediosPago Datatype	VARCHAR VARCHAR  Description
Logical Fisico GestionPo (MySQL)  User-Defined Ma  Model Nar  Direct Source Ma  Columns	Tip agos Tip ppings ne appings	Base Entity  Transformati on Logic	MediosPago MediosPago Datatype	VARCHAR VARCHAR  Description  Description
Logical Fisico GestionPo (MySQL)  User-Defined Ma Model Nar Direct Source Ma Columns  Secondary Source	Tip agos Tip  ppings  ne appings	Base Entity  Transformati on Logic gs	MediosPago MediosPago  MediosPago  Datatype  Transformatio	VARCHAR VARCHAR  Description  Description

Columns Transformati Transformation Description

on Logic

**Definition** 

Tipos de medios de pago.

Note

Tipos de medios de pago.

**Logical Column Properties** 

Data Type VARCHAR(10) Width 10 Scale

Nullable NO Identity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

## **Banco**

Attribute Name Column Name Logical Role Name Role Name	Banco Banco	E	intity Name	MediosPago
Logical Only Domain	NO			
Primary Key Foreign Key	NO NO	p	arent Entity	
Security Properti				
Name		Current Value		
Bound Attachme	nts			
Name		Current Value		
Data Movement F	Rules			
Name		Туре	Rule Text/Valu	e
Where Used				
Madal	Nan	ne	Base Entity	Datatype
Model Logical Fisico GestionPa (MySQL)	Ban	со	MediosPago MediosPago	VARCHAR VARCHAR
Logical Fisico GestionPa	Ban agos Ban	со	MediosPago	VARCHAR
Logical Fisico GestionPa (MySQL)	Ban agos Ban <b>ppings</b>	со	MediosPago	VARCHAR
Logical Fisico GestionPa (MySQL)  User-Defined Ma	Ban agos Ban ppings	co	MediosPago MediosPago	VARCHAR VARCHAR
Logical Fisico GestionPa (MySQL)  User-Defined Ma  Model Nan	Ban agos Ban ppings	co	MediosPago MediosPago	VARCHAR VARCHAR  Description
Logical Fisico GestionPa (MySQL)  User-Defined Ma  Model Nan  Direct Source Ma	Ban agos Ban ppings ne uppings	Base Entity  Transformation Logic	MediosPago MediosPago Datatype	VARCHAR VARCHAR  Description
Logical Fisico GestionPa (MySQL)  User-Defined Ma  Model Nan  Direct Source Ma  Columns	Ban agos Ban ppings ne uppings	Base Entity  Transformation Logic	MediosPago MediosPago Datatype	VARCHAR VARCHAR  Description  Description
Logical Fisico GestionPa (MySQL)  User-Defined Ma  Model Nan  Direct Source Ma  Columns  Secondary Source	Ban agos Ban ppings ne appings	Base Entity  Transformati on Logic  Transformati	MediosPago MediosPago  MediosPago  Datatype  Transformation	VARCHAR VARCHAR  Description  Description

Columns Transformati Transformation Description

on Logic

**Definition** 

Banco del medio de pago.

Note

Banco del medio de pago.

**Logical Column Properties** 

Data Type VARCHAR(100) Width 100 Scale

Nullable YES Identity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **Planes**

**Entity Name** Planes

Owner Name

Logical Only

NO

**Entity Type** 

Dependent

**Primary Keys** 

IdPlan,IdMedioPago

Definition Notes

Tabla que almacena los planes soportados del sistema. Tabla que almacena los planes soportados del sistema.

**Object Permission** 

User/Role Grantee Name Type

Permission **Action** Type **Type** 

Is Action Extended

ls **System** 

**Security Properties** 

Name

**Current Value** 

**Bound Attachments** 

Name

**Current Value** 

**Data Movement Rules** 

Name

Type

Planes

Planes

Rule Text/Value

Where Used - Model Usage

Model

**Logical Entity Name** 

**Denormalization Mappings** 

Logical Fisico GestionPagos

(MySQL)

Where Used - Submodel Usage

Model

Submodel Usage

Logical

Main Model

Logical

Vista GestionPagos

Fisico GestionPagos (MySQL)

Main Model

**User-Defined Mappings** 

Model

Name

Description

**Keys** 

**Key Name** 

**Key Type** 

Keys

PK4 UI IdPlan UI\_Codigo PrimaryKey

IdPlan, IdMedioPago

Alternate Key Alternate Key IdPlan Codigo

### **Attributes**

Attribute/Logical Rolename	Domain	Datatype	Null	Definition
IdPlan		SMALLINT	ID	Clave primaria de la tabla Planes (1/2). Clave primaria de la tabla PlanesComercio (3/4).
IdMedioPago		TINYINT	N	Clave primara de la tabla MediosPago (1/1). Clave primaria de la tabla PlanesComercio (4/4). Clave primaria de la tabla Planes (2/2).
Codigo		VARCHAR(15)	N	Código del plan de pago.
NumCuotas		TINYINT	N	Número de cuotas del plan.
TNA		DECIMAL(5, 2)	N	•

### **Defaults, Rules and Check Constraints**

Attribute	Type	Name	Restriction
Relationships			

### Parent Relationships:

Entity Name	Туре	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	ls Supertype
MediosPa go	Identify ing	One To Zero or More				IdMedio Pago	NO

### **Child Relationships:**

Entity Name	Туре	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	ls Subtype
PlanesCo mercio	Identify ing	One To Zero or More				-	NO

## IdPlan

Attribute Name Column Name Logical Role Name Role Name Logical Only	IdPlan IdPlan NO	E	intity Name	Planes	
Domain Primary Key	YES				
Foreign Key	NO	P	arent Entity		
Security Properti	es				
Name		Current Value			
<b>Bound Attachme</b>	nts				
Name		Current Value			
Data Movement F	Rules				
Name		Туре	Rule Text/Value	e	
Where Used					
Model Logical Fisico GestionPa (MySQL)	<b>Nan</b> IdPla agos IdPla	an	Base Entity Planes Planes	<b>Datatype</b> SMALLINT SMALLINT	
User-Defined Mappings					
Model Nan	ne	Base Entity	Datatype	Description	
Direct Source Mappings					
Columns		Transformati on Logic	Transformation	1 Description	
Secondary Source Mappings					
Columns		Transformati on Logic	Transformation	1 Description	
Direct Target Ma	ppings				
Columns		Transformati on Logic	Transformation	n Description	

Columns Transformati Transformation Description on Logic

#### **Definition**

Clave primaria de la tabla Planes (1/2). Clave primaria de la tabla Planes Comercio (3/4).

#### Note

Clave primaria de la tabla Planes (1/2). Clave primaria de la tabla PlanesComercio (3/4).

### **Logical Column Properties**

Data Type SMALLINT Width Scale

Nullable NO Identity YES

#### **Domain Restrictions**

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

### **IdMedioPago**

Attribute Name IdMedioPago Entity Name Planes
Column Name IdMedioPago
Logical Role
Name
Role Name
Logical Only NO

Domain
Primary Key YES
Foreign Key YES Parent Entity MediosPago

**Security Properties** 

Name Current Value

Bound Attachments

Name Current Value

**Data Movement Rules** 

Name Type Rule Text/Value

Where Used

ModelNameBase EntityDatatypeLogicalIdMedioPagoPlanesTINYINTFisico GestionPagosIdMedioPagoPlanesTINYINT

(MySQL)

User-Defined Mappings

Model Name Base Entity Datatype Description

**Direct Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Secondary Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Direct Target Mappings** 

Columns Transformati Transformation Description

on Logic

Columns

Transformati on Logic

**Transformation Description** 

#### **Definition**

Clave primara de la tabla MediosPago (1/1). Clave primaria de la tabla PlanesComercio (4/4). Clave primaria de la tabla Planes (2/2).

#### **Note**

Clave primara de la tabla MediosPago (1/1). Clave primaria de la tabla PlanesComercio (4/4). Clave primaria de la tabla Planes (2/2).

### **Logical Column Properties**

Data Type TINYINT Width Scale

Nullable NO ldentity NO

### **Domain Restrictions**

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

## Codigo

Attribute Name Column Name Logical Role Name	Codigo Codigo	E	Intity Name	Planes		
Role Name Logical Only	NO					
Domain Primary Key Foreign Key	NO NO	P	Parent Entity			
Security Properti	es					
Name		Current Value				
<b>Bound Attachme</b>	nts					
Name		Current Value				
Data Movement F	Rules					
Name		Туре	Rule Text/Value			
Where Used						
Model Logical Fisico GestionPa (MySQL)	<b>Nam</b> Codi agos Codi	go	Base Entity Planes Planes	<b>Datatype</b> VARCHAR VARCHAR		
User-Defined Map	opings					
Model Nam	ne	Base Entity	Datatype	Description		
Direct Source Mappings						
Columns		Transformati on Logic	Transformation	Description		
Secondary Source Mappings						
Columns		Transformati on Logic	Transformation	Description		
Direct Target Map	pings					
Columns		Transformati on Logic	Transformation	Description		

Columns Transformati Transformation Description

on Logic

**Definition** 

Código del plan de pago.

Note

Código del plan de pago.

**Logical Column Properties** 

Data Type VARCHAR(15) Width 15 Scale

Nullable NO ldentity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

### **NumCuotas**

**Attribute Name** NumCuotas **Entity Name Planes Column Name** NumCuotas **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties** Name **Current Value Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical **NumCuotas** Planes TINYINT Fisico GestionPagos **Planes TINYINT NumCuotas** (MySQL) **User-Defined Mappings** Model Name **Base Entity** Description **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** 

on Logic

Columns Transformati Transformation Description

on Logic

#### **Definition**

Número de cuotas del plan.

#### Note

Número de cuotas del plan.

### **Logical Column Properties**

Data Type TINYINT Width Scale

Nullable NO Identity NO

#### **Domain Restrictions**

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

## **TNA**

Attribute Name Column Name Logical Role Name Role Name	TNA TNA	E	Entity Name	Planes
Logical Only Domain	NO			
Primary Key Foreign Key	NO NO	-	Orant Entity	
		•	Parent Entity	
Security Properti	es			
Name		Current Value	•	
<b>Bound Attachme</b>	nts			
Name		Current Value		
Data Movement F	Rules			
Name		Туре	Rule Text/Valu	ie
Where Used				
Model Logical Fisico GestionPa (MySQL)	TI	ame NA NA	Base Entity Planes Planes	<b>Datatype</b> DECIMAL DECIMAL
Logical Fisico GestionPa	TN agos TN	۱A	Planes	DECIMAL
Logical Fisico GestionPa (MySQL)	TN agos TN <b>ppings</b>	۱A	Planes	DECIMAL
Logical Fisico GestionPa (MySQL)  User-Defined Ma	TN agos TN ppings ne	NA NA	Planes Planes	DECIMAL DECIMAL
Logical Fisico GestionPa (MySQL)  User-Defined Ma  Model Nan	TN agos TN ppings ne	NA NA	Planes Planes	DECIMAL DECIMAL  Description
Logical Fisico GestionPa (MySQL)  User-Defined Ma  Model Nan  Direct Source Ma	agos TN  ppings  ne  appings	Base Entity  Transformati on Logic	Planes Planes Datatype	DECIMAL DECIMAL  Description
Logical Fisico GestionPa (MySQL)  User-Defined Ma  Model Nan  Direct Source Ma  Columns	agos TN  ppings  ne  appings	Base Entity  Transformati on Logic	Planes Planes Datatype	DECIMAL DECIMAL  Description  on Description
Logical Fisico GestionPa (MySQL)  User-Defined Ma  Model Nan  Direct Source Ma  Columns  Secondary Source	agos TN  ppings  ne  appings	Base Entity  Transformati on Logic  Transformati	Planes Planes Datatype Transformation	DECIMAL DECIMAL  Description  on Description

Columns Transformati Transformation Description

on Logic

#### **Definition**

Tasa de Interés Nominal Anual del plan.

#### Note

Tasa de Interés Nominal Anual del plan.

### **Logical Column Properties**

Data Type DECIMAL(5, 2) Width 5 Scale 2

Nullable NO Identity NO

### **Domain Restrictions**

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

### **PlanesComercio**

Entity Name PlanesComercio

**Owner Name** 

Logical Only NO

Entity Type Dependent

Primary Keys
Definition
Notes
IdPlanComercio,IdComercio,IdPlan,IdMedioPago
Tabla que almacena los planes de comercio del sistema.
Tabla que almacena los planes de comercio del sistema.

#### **Object Permission**

User/Role Grantee Permission Action Is Action Is Name Type Type Type Extended System

**Security Properties** 

Name Current Value

**Bound Attachments** 

Name Current Value

**Data Movement Rules** 

Name Type Rule Text/Value

PlanesComercio

Where Used - Model Usage

ModelLogical Entity NameDenormalization MappingsLogicalPlanesComercio

Logical Fisico GestionPagos

(MySQL)

Where Used - Submodel Usage

Model Submodel Usage

Logical Main Model

Logical Vista GestionPagos

Fisico GestionPagos (MySQL) Main Model

**User-Defined Mappings** 

Model Name Description

**Keys** 

Key Name Key Type Keys

PK6 PrimaryKey IdPlanComercio, IdComercio, IdPlan,

IdMedioPago

UI IdPlanComercio Alternate Key IdPlanComercio

### **Attributes**

Attribute/Logical	Domain	Datatype	Null	Definition
IdPlanComercio		INTEGER	ID	Clave primaria de la tabla PlanesComercio (1/4).
IdComercio		INTEGER	N	` ,
IdPlan		SMALLINT	N	
IdMedioPago		TINYINT	N	Clave primara de la tabla MediosPago (1/1). Clave primaria de la tabla PlanesComercio (4/4).
EstadoPComercio		CHAR(1)	N	` ,

### **Defaults, Rules and Check Constraints**

Attribute	Туре	Name	Restriction
Relationships			

### Parent Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	ls Supertype
Planes	Identify	One To				ldPlan,	NO
	ing	Zero or				IdMedio	
	•	More				Pago	
Comercios	Identify	One To				IdComer	NO
	ing	Zero or				cio	
	-	More					

#### **Child Relationships:**

**Entity Type** Cardinality **Business** Verb Inverse Foreign ls Name Name Phrase Phrase Keys Subtype Ventas Non-Id One To NO entifyin Zero or More

## **IdPlanComercio**

Attribute Name IdPlanComercio Entity Name PlanesComercio

Column Name IdPlanComercio Logical Role

Name
Role Name

Logical Only NO

Domain

Primary Key YES

Foreign Key NO Parent Entity

**Security Properties** 

Name Current Value

**Bound Attachments** 

Name Current Value

**Data Movement Rules** 

Name Type Rule Text/Value

**Where Used** 

ModelNameBase EntityDatatypeLogicalIdPlanComercioPlanesComercioINTEGERFisico GestionPagosIdPlanComercioPlanesComercioINT(MySQL)

**User-Defined Mappings** 

Model Name Base Entity Datatype Description

**Direct Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Secondary Source Mappings** 

Columns Transformati Transformation Description

#### on Logic

#### **Direct Target Mappings**

Columns Transformati Transformation Description

on Logic

**Secondary Target Mappings** 

Columns Transformati Transformation Description

on Logic

**Definition** 

Clave primaria de la tabla PlanesComercio (1/4).

**Note** 

Clave primaria de la tabla PlanesComercio (1/4).

**Logical Column Properties** 

Data Type INTEGER Width Scale

Nullable NO Identity YES

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

## **IdComercio**

**Attribute Name** IdComercio **Entity Name** PlanesComercio **Column Name** IdComercio **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** YES Foreign Key **Parent Entity** YES **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical **IdComercio** PlanesComercio INTEGER PlanesComercio Fisico GestionPagos INT **IdComercio** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

Columns Transformati Transformation Description

on Logic

#### **Definition**

Clave primaria de la tabla Comercios (1/1). Clave primaria de la tabla Usuarios (2/2). Clave primaria de la tabla PlanesComercio (2/4).

#### **Note**

Clave primaria de la tabla Comercios (1/1). Clave primaria de la tabla Usuarios (2/2). Clave primaria de la tabla PlanesComercio (2/4).

#### **Logical Column Properties**

Data Type INTEGER Width Scale

Nullable NO Identity NO

# **Domain Restrictions**

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

# **IdPlan**

**Attribute Name** IdPlan **Entity Name** PlanesComercio **Column Name** IdPlan **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** YES Foreign Key **Parent Entity** YES **Planes Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical IdPlan PlanesComercio **SMALLINT** PlanesComercio Fisico GestionPagos IdPlan **SMALLINT** (MySQL) **User-Defined Mappings** Model Name **Base Entity** Description **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** on Logic

Columns Transformati Transformation Description on Logic

#### **Definition**

Clave primaria de la tabla Planes (1/2). Clave primaria de la tabla PlanesComercio (3/4).

#### Note

Clave primaria de la tabla Planes (1/2). Clave primaria de la tabla Planes Comercio (3/4).

#### **Logical Column Properties**

Data Type SMALLINT Width Scale

Nullable NO ldentity NO

#### **Domain Restrictions**

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

# **IdMedioPago**

Attribute Name IdMedioPago Entity Name PlanesComercio Column Name IdMedioPago Logical Role

Name
Role Name

Logical Only NO

Domain

Primary Key YES Foreign Key YES

oreign Key YES Parent Entity Planes

**Security Properties** 

Name Current Value

**Bound Attachments** 

Name Current Value

**Data Movement Rules** 

Name Type Rule Text/Value

**Where Used** 

ModelNameBase EntityDatatypeLogicalIdMedioPagoPlanesComercioTINYINTFisico GestionPagosIdMedioPagoPlanesComercioTINYINT

(MySQL)

**User-Defined Mappings** 

Model Name Base Entity Datatype Description

**Direct Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Secondary Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Direct Target Mappings** 

Columns Transformati Transformation Description

on Logic

Columns

Transformati Transfon Logic

**Transformation Description** 

#### **Definition**

Clave primara de la tabla MediosPago (1/1). Clave primaria de la tabla PlanesComercio (4/4).

#### **Note**

Clave primara de la tabla MediosPago (1/1). Clave primaria de la tabla PlanesComercio (4/4).

# **Logical Column Properties**

Data Type TINYINT Width Scale

Nullable NO Identity NO

#### **Domain Restrictions**

Check Constraint Check Constraint Name Bound Rule Declared Default

Bound Default Reference Value

#### **EstadoPComercio**

**Attribute Name** EstadoPComercio **Entity Name** PlanesComercio **Column Name** EstadoPComercio **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical EstadoPComercio PlanesComercio CHAR Fisico GestionPagos EstadoPComercio **PlanesComercio** CHAR (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformation Description** Columns **Transformati** on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** 

on Logic

Columns Transformati Transformation Description

on Logic

#### **Definition**

Estado de un plan de comercio A- Activo - B: Baja.

#### Note

Estado de un plan de comercio A- Activo - B: Baja.

#### **Logical Column Properties**

Data Type CHAR(1) Width 1 Scale

Nullable NO Identity NO

#### **Domain Restrictions**

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

## **Usuarios**

**Entity Name** Usuarios

Owner Name

NO

Logical Only

Dependent

Entity Type **Primary Keys** 

IdUsuario, IdComercio

Definition Notes

Tabla que almacena los usuarios. Tabla que almacena los usuarios.

**Object Permission** 

User/Role Grantee Name Type

Permission Type

Action **Type** 

Is Action Extended

ls **System** 

**Security Properties** 

Name

**Current Value** 

**Bound Attachments** 

Name

**Current Value** 

**Data Movement Rules** 

Name

**Type** 

Usuarios

Usuarios

Rule Text/Value

Where Used - Model Usage

Model

**Logical Entity Name** 

**Denormalization Mappings** 

Logical Fisico GestionPagos

(MySQL)

Where Used - Submodel Usage

Model

**Submodel Usage** 

Logical

Main Model

Logical

Vista GestionPagos

Fisico GestionPagos (MySQL)

Main Model

**User-Defined Mappings** 

Model

Name

Description

**Keys** 

**Key Name** 

**Key Type** 

Keys

UI IdUsuario UI DNI

Alternate Key Alternate Key IdUsuario DNI

PK2

PrimaryKey

IdUsuario, IdComercio

# **Attributes**

Attribute/Logical Rolename	Domain	Datatype	Null	Definition
IdUsuario		INTEGER	ID	Clave primaria de la tabla Usuarios (1/1).
IdComercio		INTEGER	N	Clave primaria de la tabla Comercios (1/1). Clave primaria de la tabla Usuarios (2/2). Clave primaria de la tabla PlanesComercio (2/4).
Nombres		VARCHAR(60)	N	Nombres del usuario.
Apellidos		VARCHAR(60)	N	Apellidos del usuario.
Telefono		VARCHAR(15)	N	Número de teléfono del usuario.
Email		VARCHAR(60)	Ν	Correo electrónico del usuario.
DNI		VARCHAR(10)	N	Número de documento del usuario.
EstadoUsuario		CHAR(1)	N	Estado del usuario A: Alta - B: Baja

# **Defaults, Rules and Check Constraints**

Attribute	Туре	Name	Restriction
Relationships			

# Parent Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	ls Supertype
Comercios	Identify ing	One To Zero or More				IdComer cio	NO

# **Child Relationships:**

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase		ls Subtype
Ventas	Non-Id entifvin	One To Zero or				-	NO

g More

# **IdUsuario**

**Entity Name** 

**Parent Entity** 

Usuarios

Attribute Name IdUsuario IdUsuario

Logical Role

Logical Role

Role Name

**Logical Only** 

Domain

Primary Key YES

Foreign Key NO

**Security Properties** 

Name Current Value

NO

**Bound Attachments** 

Name Current Value

**Data Movement Rules** 

Name Type Rule Text/Value

**Where Used** 

ModelNameBase EntityDatatypeLogicalIdUsuarioUsuariosINTEGERFisico GestionPagosIdUsuarioUsuariosINT

(MySQL)

**User-Defined Mappings** 

Model Name Base Entity Datatype Description

**Direct Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Secondary Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Direct Target Mappings** 

Columns Transformati Transformation Description

on Logic

Columns Transformati Transformation Description

on Logic

Clave primaria de la tabla Usuarios (1/1).

Note

**Definition** 

Clave primaria de la tabla Usuarios (1/1).

**Logical Column Properties** 

Data Type INTEGER Width Scale

Nullable NO Identity YES

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

# **IdComercio**

**Attribute Name** IdComercio **Entity Name** Usuarios **Column Name** IdComercio **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** YES Foreign Key **Parent Entity** YES Comercios **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical **IdComercio** Usuarios **INTEGER** Fisico GestionPagos IdComercio Usuarios INT (MySQL) **User-Defined Mappings** Model Name **Base Entity** Description **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

Columns Transformati Transformation Description

on Logic

#### **Definition**

Clave primaria de la tabla Comercios (1/1). Clave primaria de la tabla Usuarios (2/2). Clave primaria de la tabla PlanesComercio (2/4).

#### **Note**

Clave primaria de la tabla Comercios (1/1). Clave primaria de la tabla Usuarios (2/2). Clave primaria de la tabla PlanesComercio (2/4).

#### **Logical Column Properties**

Data Type INTEGER Width Scale

Nullable NO Identity NO

# **Domain Restrictions**

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

## **Nombres**

**Attribute Name Nombres Entity Name** Usuarios **Column Name** Nombres **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical **Nombres** Usuarios VARCHAR Fisico GestionPagos Nombres Usuarios **VARCHAR** (MySQL) **User-Defined Mappings** Model Name **Base Entity** Description **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** 

on Logic

Columns Transformati Transformation Description

on Logic

**Definition** 

Nombres del usuario.

Note

Nombres del usuario.

**Logical Column Properties** 

Data Type VARCHAR(60) Width 60 Scale

Nullable NO ldentity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

# **Apellidos**

**Attribute Name Apellidos Entity Name** Usuarios **Column Name** Apellidos **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Logical Apellidos Usuarios **VARCHAR** Fisico GestionPagos **Apellidos** Usuarios **VARCHAR** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformation Description** Columns **Transformati** on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** on Logic

Columns Transformati Transformation Description

on Logic

**Definition** 

Apellidos del usuario.

Note

Apellidos del usuario.

**Logical Column Properties** 

Data Type VARCHAR(60) Width 60 Scale

Nullable NO ldentity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

## **Telefono**

**Attribute Name** Telefono **Entity Name** Usuarios **Column Name** Telefono **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Telefono Logical Usuarios **VARCHAR** Fisico GestionPagos Telefono Usuarios **VARCHAR** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** 

on Logic

Columns Transformati Transformation Description

on Logic

**Definition** 

Número de teléfono del usuario.

Note

Número de teléfono del usuario.

**Logical Column Properties** 

Data Type VARCHAR(15) Width 15 Scale

Nullable NO ldentity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

# **Email**

Attribute Name Column Name Logical Role Name	Email Email	E	Entity Name	Usuarios
Role Name Logical Only	NO			
Domain Primary Key Foreign Key	NO NO	i	Parent Entity	
Security Propert	ies			
Name		Current Value	•	
Bound Attachme	nts			
Name		Current Value	•	
Data Movement I	Rules			
Name		Туре	Rule Text/Value	)
Where Used				
Model Logical Fisico GestionPa (MySQL)	<b>Na</b> r Ema agos Ema	ail	Base Entity Usuarios Usuarios	<b>Datatype</b> VARCHAR VARCHAR
User-Defined Ma	ppings			
Model Nar	ne	Base Entity	Datatype	Description
Direct Source Ma	appings			
Columns		Transformati on Logic	Transformation	Description
Secondary Source	ce Mapping	<b>JS</b>		
Columns		Transformati on Logic	Transformation	Description
<b>Direct Target Ma</b>	ppings			
Columns		Transformati on Logic	Transformation	Description

Columns Transformati Transformation Description

on Logic

**Definition** 

Correo electrónico del usuario.

Note

Correo electrónico del usuario.

**Logical Column Properties** 

Data Type VARCHAR(60) Width 60 Scale

Nullable NO Identity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

# DNI

Attribute Name Column Name Logical Role Name Role Name	DNI DNI	ı	Entity Name	Usuarios
Logical Only Domain	NO			
Primary Key Foreign Key	NO NO	ı	Parent Entity	
Security Propert	ies		<b>,</b>	
Name		Current Value	9	
Bound Attachme	ents			
Name		Current Value	9	
Data Movement	Rules			
Name		Туре	Rule Text/Va	lue
Where Used				
Model Logical Fisico GestionPo (MySQL)	[	<b>Name</b> DNI DNI	Base Entity Usuarios Usuarios	<b>Datatype</b> VARCHAR VARCHAR
Logical Fisico GestionPa	[ agos [	INC	Usuarios	VARCHAR
Logical Fisico GestionPa (MySQL)	[ agos [ <b>ppings</b>	INC	Usuarios	VARCHAR
Logical Fisico GestionPo (MySQL)  User-Defined Ma	agos [ ppings ne	ONI ONI	Usuarios Usuarios	VARCHAR VARCHAR
Logical Fisico GestionPo (MySQL)  User-Defined Ma  Model Nar	agos [ ppings ne	ONI ONI	Usuarios Usuarios Datatype	VARCHAR VARCHAR
Logical Fisico GestionPo (MySQL)  User-Defined Ma  Model Nar  Direct Source Ma	agos [ ppings ne appings	Base Entity  Transformati on Logic	Usuarios Usuarios Datatype	VARCHAR VARCHAR  Description
Logical Fisico GestionPo (MySQL)  User-Defined Ma  Model Nar  Direct Source Ma  Columns	agos [ ppings ne appings	Base Entity  Transformati on Logic	Usuarios Usuarios Datatype Transformati	VARCHAR VARCHAR  Description
Logical Fisico GestionPo (MySQL)  User-Defined Ma Model Nar  Direct Source Ma  Columns  Secondary Source	agos [ ppings ne appings	Base Entity  Transformati on Logic  Dings  Transformati	Usuarios Usuarios Datatype Transformati	VARCHAR VARCHAR  Description  on Description

Columns Transformati Transformation Description

on Logic

**Definition** 

Número de documento del usuario.

Note

Número de documento del usuario.

**Logical Column Properties** 

Data Type VARCHAR(10) Width 10 Scale

Nullable NO ldentity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **EstadoUsuario**

**Attribute Name** EstadoUsuario **Entity Name** Usuarios **Column Name** EstadoUsuario **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical EstadoUsuario Usuarios CHAR Fisico GestionPagos EstadoUsuario Usuarios **CHAR** (MySQL) **User-Defined Mappings** Model Name **Base Entity** Description **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

Columns Transformati Transformation Description

on Logic

**Definition** 

Estado del usuario A: Alta - B: Baja

Note

Estado del usuario A: Alta - B: Baja

**Logical Column Properties** 

Data Type CHAR(1) Width 1 Scale

Nullable NO ldentity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **Ventas**

Entity Name Ventas

**Owner Name** 

NO

Logical Only Entity Type Primary Keys

Independent IdVenta

**Definition** Tabla que almacena las ventas del sistema. **Notes** Tabla que almacena las ventas del sistema.

**Object Permission** 

User/Role Grantee Permission Action Is

Name Type Type Extended System

**Security Properties** 

Name Current Value

**Bound Attachments** 

Name Current Value

**Data Movement Rules** 

Name Type Rule Text/Value

Where Used - Model Usage

Model Logical Entity Name Denormalization Mappings

Logical Ventas Fisico GestionPagos Ventas

(MySQL)

Where Used - Submodel Usage

Model Submodel Usage

Logical Main Model

Logical Vista GestionPagos

Fisico GestionPagos (MySQL) Main Model

**User-Defined Mappings** 

Model Name Description

**Keys** 

Key NameKey TypeKeysIX\_DNIInversion EntryDNIClientePK5PrimaryKeyIdVentaIX\_FechaAltaInversion EntryFechaAlta

# **Attributes**

Attribute/Logical Rolename	Domain	Datatype	Null	Definition
IdVenta		INTEGER	ID	-
IdPlanComercio		INTEGER	Y	la tabla Ventas. Clave primaria de la tabla PlanesComercio (1/4).
IdUsuario		INTEGER	N	
IdComercio		INTEGER	N	· · · · · · · · · · · · · · · · · · ·
IdPlan		SMALLINT	Y	• •
IdMedioPago		TINYINT	Υ	<u> </u>
FechaAlta		DATETIME	N	• •
Monto		DECIMAL(12, 2)	N	Monto de la venta.
Detalles		TEXT	N	Detalles de la venta (JSON).
ApellidosCliente		VARCHAR(60)	N	Apellidos del cliente.
NombresCliente		VARCHAR(60)	Ν	Nombres del
DireccionCliente		VARCHAR(100	N	cliente. Dirección del
DNICliente		) VARCHAR(10)	N	cliente. Número de documento del cliente.
NumTarjetaCliente		VARCHAR(20)	N	Número de tarjeta del cliente.
EstadoVenta		CHAR(1)	N	Estado de la venta A: En Edición - P: Pendiente - C: Baja - F:

Observaciones TEXT Y Finalizado.

Y Observaciones de la venta (Opcional).

**Defaults, Rules and Check Constraints** 

Attribute	Туре	Name	Restriction
Relationshins			

# Parent Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	ls Supertype
Usuarios	Non-Id entifyin g	One To Zero or More				IdUsuari o, IdComer cio	NO
PlanesCo mercio	Non-Id entifyin g	Zero or One to Zero or More				IdPlanC omercio, IdComer cio, IdPlan, IdMedio Pago	NO

### **Child Relationships:**

Entity	Type	Cardinality	Business	Verb	Inverse	Foreign	ls
Name			Name	Phrase	Phrase	Keys	Subtype

# **IdVenta**

Attribute Name IdVenta Entity Name Ventas
Column Name IdVenta
Logical Role

Name Role Name Logical Only NO Domain

Primary Key YES
Foreign Key NO Parent Entity

**Security Properties** 

Name Current Value

**Bound Attachments** 

Name Current Value

# **Data Movement Rules**

Name		Туре	Rule Text/Valu	e		
Where Used						
Model Logical Fisico GestionPa (MySQL)		nta	Base Entity Ventas Ventas	<b>Datatype</b> INTEGER INT		
User-Defined Ma	ppings					
Model Nan	ne	Base Entity	Datatype	Description		
Direct Source Ma	ppings					
Columns		Transformati on Logic	Transformation	n Description		
Secondary Source	e Mapping	S				
Columns		Transformati on Logic	Transformation	n Description		
Direct Target Map	ppings					
Columns		Transformati on Logic	Transformation	n Description		
Secondary Targe	t Mappings					
Columns		Transformati on Logic	Transformation	n Description		
Definition						
Clave primaria de la tabla Ventas.						
Note						
Clave primaria de la tabla Ventas.						
Logical Column I	Properties					
Data Type Nullable Identity	INTEGER NO YES	•	Width	Scale		
Domain Bootsieti						

**Domain Restrictions** 

**Check Constraint Check Constraint** 

Name Bound Rule Declared Default Bound Default Reference Value

## **IdPlanComercio**

**Attribute Name** IdPlanComercio **Entity Name** Ventas **Column Name** IdPlanComercio **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** YES **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Logical IdPlanComercio Ventas INTEGER Fisico GestionPagos IdPlanComercio Ventas INT (MySQL) **User-Defined Mappings** Model Name **Base Entity** Description **Datatype Direct Source Mappings** 

nect Source mappings

Columns Transformati Transformation Description

on Logic

**Secondary Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Direct Target Mappings** 

Columns Transformati Transformation Description

on Logic

Columns Transformati Transformation Description

on Logic

#### **Definition**

Clave primaria de la tabla PlanesComercio (1/4).

#### Note

Clave primaria de la tabla PlanesComercio (1/4).

#### **Logical Column Properties**

Data Type INTEGER Width Scale

Nullable YES Identity NO

#### **Domain Restrictions**

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

## **IdUsuario**

**Attribute Name** IdUsuario **Entity Name** Ventas **Column Name** IdUsuario **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** Usuarios YES **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Logical IdUsuario Ventas **INTEGER** Fisico GestionPagos IdUsuario Ventas INT (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

Columns Transformati Transformation Description on Logic

5... \_5

Clave primaria de la tabla Usuarios (1/1).

Note

**Definition** 

Clave primaria de la tabla Usuarios (1/1).

**Logical Column Properties** 

Data Type INTEGER Width Scale

Nullable NO ldentity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **IdComercio**

**Attribute Name** IdComercio **Entity Name** Ventas **Column Name** IdComercio **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** Usuarios YES **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Logical IdComercio Ventas **INTEGER** Fisico GestionPagos IdComercio Ventas INT (MySQL) **User-Defined Mappings** Model Name **Base Entity** Description **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

Columns Transformati Transformation Description

on Logic

#### **Definition**

Clave primaria de la tabla Comercios (1/1). Clave primaria de la tabla Usuarios (2/2). Clave primaria de la tabla PlanesComercio (2/4).

#### **Note**

Clave primaria de la tabla Comercios (1/1). Clave primaria de la tabla Usuarios (2/2). Clave primaria de la tabla PlanesComercio (2/4).

#### **Logical Column Properties**

Data Type INTEGER Width Scale

Nullable NO Identity NO

#### **Domain Restrictions**

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

#### **IdPlan**

**Attribute Name** IdPlan **Entity Name** Ventas **Column Name** IdPlan **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** YES **Security Properties** Name **Current Value Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Logical IdPlan Ventas **SMALLINT** Fisico GestionPagos IdPlan Ventas **SMALLINT** (MySQL) **User-Defined Mappings** Model Name **Base Entity** Description **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** 

on Logic

Columns Transformati Transformation Description on Logic

#### **Definition**

Clave primaria de la tabla Planes (1/2). Clave primaria de la tabla PlanesComercio (3/4).

#### Note

Clave primaria de la tabla Planes (1/2). Clave primaria de la tabla PlanesComercio (3/4).

#### **Logical Column Properties**

Data Type SMALLINT Width Scale

Nullable YES Identity NO

#### **Domain Restrictions**

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

## **IdMedioPago**

Attribute NameIdMedioPagoEntity NameVentasColumn NameIdMedioPago

Logical Role

Name Role Name

Logical Only NO

Domain

Primary Key NO

Foreign Key YES Parent Entity

**Security Properties** 

Name Current Value

**Bound Attachments** 

Name Current Value

**Data Movement Rules** 

Name Type Rule Text/Value

**Where Used** 

ModelNameBase EntityDatatypeLogicalIdMedioPagoVentasTINYINTFisico GestionPagosIdMedioPagoVentasTINYINT

(MySQL)

**User-Defined Mappings** 

Model Name Base Entity Datatype Description

**Direct Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Secondary Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Direct Target Mappings** 

Columns Transformati Transformation Description

on Logic

Columns

Transformati on Logic

**Transformation Description** 

Scale

#### **Definition**

Clave primara de la tabla MediosPago (1/1). Clave primaria de la tabla PlanesComercio (4/4).

#### **Note**

Clave primara de la tabla MediosPago (1/1). Clave primaria de la tabla PlanesComercio (4/4).

Width

#### **Logical Column Properties**

Data Type TINYINT

Nullable YES Identity NO

#### **Domain Restrictions**

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **FechaAlta**

**Attribute Name** FechaAlta **Entity Name** Ventas **Column Name** FechaAlta **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Logical FechaAlta Ventas **DATETIME** DATETIME Fisico GestionPagos FechaAlta Ventas (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** 

on Logic

Columns Transformati Transformation Description

on Logic

**Definition** 

Fecha de alta de una venta.

Note

Fecha de alta de una venta.

**Logical Column Properties** 

Data Type DATETIME Width Scale

Nullable NO ldentity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

## Monto

Attribute Name Column Name Logical Role Name	Monto Monto	E	Entity Name	Ventas		
Role Name Logical Only	NO					
Domain Primary Key Foreign Key	NO NO	ı	Parent Entity			
Security Properties						
Name		Current Value	•			
Bound Attachments						
Name		Current Value	•			
Data Movement Rules						
Name		Туре	Rule Text/Value	•		
Where Used						
<b>Model</b> Logical Fisico GestionPa (MySQL)	<b>Na</b> r Mor agos Mor	nto	Base Entity Ventas Ventas	<b>Datatype</b> DECIMAL DECIMAL		
User-Defined Mappings						
Model Nan	ne	Base Entity	Datatype	Description		
Direct Source Mappings						
Columns		Transformati on Logic	Transformation	Description		
Secondary Source Mappings						
Columns		Transformati on Logic	Transformation	Description		
Direct Target Mappings						
Columns		Transformati on Logic	Transformation	Description		

Columns Transformati Transformation Description

on Logic

**Definition** 

Monto de la venta.

Note

Monto de la venta.

**Logical Column Properties** 

Data Type DECIMAL(12, 2) Width 12 Scale 2

Nullable NO Identity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **Detalles**

**Attribute Name** Detalles **Entity Name** Ventas **Column Name** Detalles **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Logical Detalles Ventas TEXT Fisico GestionPagos Detalles Ventas **TEXT** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** 

on Logic

Columns Transformati Transformation Description

on Logic

**Definition** 

Detalles de la venta (JSON).

Note

Detalles de la venta (JSON).

**Logical Column Properties** 

Data Type TEXT Width Scale

Nullable NO ldentity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

## **ApellidosCliente**

**Attribute Name ApellidosCliente Entity Name** Ventas **Column Name** ApellidosCliente **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Logical ApellidosCliente Ventas **VARCHAR** Fisico GestionPagos ApellidosCliente **VARCHAR** Ventas (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformation Description** Columns **Transformati** on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

Columns Transformati Transformation Description

on Logic

**Definition** 

Apellidos del cliente.

Note

Apellidos del cliente.

**Logical Column Properties** 

Data Type VARCHAR(60) Width 60 Scale

Nullable NO Identity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **NombresCliente**

**Attribute Name** NombresCliente **Entity Name** Ventas **Column Name** NombresCliente **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Logical NombresCliente Ventas VARCHAR Fisico GestionPagos NombresCliente Ventas **VARCHAR** (MySQL) **User-Defined Mappings** Model Name **Base Entity** Description **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** on Logic

Columns Transformati Transformation Description

on Logic

**Definition** 

Nombres del cliente.

Note

Nombres del cliente.

**Logical Column Properties** 

Data Type VARCHAR(60) Width 60 Scale

Nullable NO Identity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **DireccionCliente**

**Attribute Name** DireccionCliente **Entity Name** Ventas **Column Name** DireccionCliente **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Logical DireccionCliente Ventas VARCHAR Fisico GestionPagos DireccionCliente Ventas **VARCHAR** (MySQL) **User-Defined Mappings** Model Name **Base Entity** Description **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** 

on Logic

Columns Transformati Transformation Description

on Logic

**Definition** 

Dirección del cliente.

Note

Dirección del cliente.

**Logical Column Properties** 

Data Type VARCHAR(100) Width 100 Scale

Nullable NO Identity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **DNICliente**

**Attribute Name DNICliente Entity Name** Ventas **Column Name DNICliente Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties** Name **Current Value Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Logical **DNICliente** Ventas **VARCHAR** Fisico GestionPagos **DNICliente** Ventas **VARCHAR** (MySQL) **User-Defined Mappings** Model Name **Base Entity** Description **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

Columns Transformati Transformation Description

on Logic

**Definition** 

Número de documento del cliente.

Note

Número de documento del cliente.

**Logical Column Properties** 

Data Type VARCHAR(10) Width 10 Scale

Nullable NO Identity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

## NumTarjetaCliente

**Attribute Name** NumTarjetaCliente **Entity Name** Ventas **Column Name** NumTarjetaCliente **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model **Base Entity Datatype** Logical NumTarjetaCliente Ventas **VARCHAR** Fisico GestionPagos NumTarjetaCliente **VARCHAR** Ventas (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformation Description** Columns **Transformati** on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

Columns Transformati Transformation Description

on Logic

**Definition** 

Número de tarjeta del cliente.

Note

Número de tarjeta del cliente.

**Logical Column Properties** 

Data Type VARCHAR(20) Width 20 Scale

Nullable NO Identity NO

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **EstadoVenta**

**Attribute Name** EstadoVenta **Entity Name** Ventas **Column Name** EstadoVenta **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Logical EstadoVenta Ventas CHAR Fisico GestionPagos EstadoVenta Ventas **CHAR** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

Columns Transformati Transformation Description

on Logic

#### **Definition**

Estado de la venta A: En Edición - P: Pendiente - C: Baja - F: Finalizado.

#### Note

Estado de la venta A: En Edición - P: Pendiente - C: Baja - F: Finalizado.

#### **Logical Column Properties**

Data Type CHAR(1) Width 1 Scale

Nullable NO Identity NO

#### **Domain Restrictions**

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **Observaciones**

**Attribute Name** Observaciones **Entity Name** Ventas **Column Name** Observaciones **Logical Role** Name **Role Name Logical Only** NO **Domain Primary Key** NO Foreign Key **Parent Entity** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Logical Observaciones Ventas TEXT Fisico GestionPagos Observaciones Ventas **TEXT** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

Columns

Transformati on Logic

**Transformation Description** 

#### **Definition**

Observaciones de la venta (Opcional).

#### Note

Observaciones de la venta (Opcional).

#### **Logical Column Properties**

Data Type TEXT Nullable YES Identity NO

Width

Scale

#### **Domain Restrictions**

Check Constraint Check Constraint Name Bound Rule Declared Default Bound Default Reference Value

# **Key Summary Report**

Entity Name	Key Name	Кеу Туре	Unique
Comercios	PK1	PrimaryKey	YES
Comercios	UI_Comercio	Alternate Key	YES
MediosPago	PK3	PrimaryKey	YES
MediosPago	UI_MedioPago	Alternate Key	YES
Planes	PK4	PrimaryKey	YES
Planes	UI_ldPlan	Alternate Key	YES
Planes	UI_Codigo	Alternate Key	YES
PlanesComercio	PK6	PrimaryKey	YES
PlanesComercio	UI_IdPlanComercio	Alternate Key	YES
PlanesComercio	UI_IdComercioIdPlan	Alternate Key	YES
Usuarios	UI_IdUsuario	Alternate Key	YES
Usuarios	UI_DNI	Alternate Key	YES
Usuarios	PK2	PrimaryKey	YES
Usuarios	IX_NombresApellidos	Inversion Entry	NO
Ventas	IX_DNI	Inversion Entry	NO
Ventas	PK5	PrimaryKey	YES
Ventas	IX_FechaAlta	Inversion Entry	NO

## **Key Detail Reports**

## PK1

PK1

Key Name Entity Name Logical Only Comercios

NO

Key Type Key Type Unique PrimaryKey PrimaryKey YES

Keys IdComercio

#### **Bound Attachments**

**Current Value** Name

## **UI\_Comercio**

Key Name Entity Name Logical Only Key Type Key Type UI\_Comercio Comercios

NO

Alternate Key Alternate Key

Unique YES Comercio Keys

#### **Bound Attachments**

## PK3

PK3

MediosPago

NO

Key Name Entity Name Logical Only Key Type Key Type PrimaryKey PrimaryKey YES

Unique

IdMedioPago Keys

#### **Bound Attachments**

## **UI\_MedioPago**

Key Name Entity Name Logical Only Key Type Key Type UI\_MedioPago MediosPago

NO

Alternate Key Alternate Key

Unique YES

MedioPago Keys

#### **Bound Attachments**

## PK4

Key Name Entity Name Logical Only Key Type Key Type PK4 Planes NO

PrimaryKey PrimaryKey

Unique YES

IdPlan,IdMedioPago Keys

#### **Bound Attachments**

## UI\_IdPlan

Key Name Entity Name Logical Only Key Type Key Type UI\_IdPlan Planes NO

Alternate Key Alternate Key YES

Unique IdPlan Keys

#### **Bound Attachments**

## **UI\_Codigo**

Key Name Entity Name Logical Only Key Type Key Type UI\_Codigo Planes NO

Alternate Key Alternate Key YES

Unique Codigo Keys

#### **Bound Attachments**

## PK6

PK6

PlanesComercio

NO

Key Name Entity Name Logical Only Key Type Key Type PrimaryKey PrimaryKey

Unique YES

Id Plan Comercio, Id Comercio, Id Plan, Id Medio PagoKeys

#### **Bound Attachments**

# **UI\_IdPlanComercio**

UI\_IdPlanComercio PlanesComercio

NO

Key Name Entity Name Logical Only Key Type Key Type Alternate Key Alternate Key

Unique YES

IdPlanComercio Keys

# **Bound Attachments**

# **UI\_IdComercioldPlan**

UI\_IdComercioIdPlan PlanesComercio

NO

Key Name Entity Name Logical Only Key Type Key Type Alternate Key Alternate Key

Unique YES

IdComercio,IdPlan Keys

# **Bound Attachments**

# **UI\_IdUsuario**

Key Name Entity Name Logical Only Key Type Key Type UI\_IdUsuario Usuarios NO

Alternate Key Alternate Key

Unique YES Keys IdUsuario

# **Bound Attachments**

# UI\_DNI

Key Name Entity Name Logical Only Key Type Key Type UI\_DNI Usuarios NO

Alternate Key Alternate Key

Unique YES DNI Keys

## **Bound Attachments**

# PK2

Key Name Entity Name Logical Only Key Type Key Type PK2 Usuarios NO

PrimaryKey PrimaryKey

Unique YES

IdUsuario,IdComercio Keys

# **Bound Attachments**

# IX\_NombresApellidos

IX\_NombresApellidos

Usuarios NO

Key Name Entity Name Logical Only Key Type Key Type Inversion Entry Inversion Entry

Unique NO

Nombres, Apellidos Keys

# **Bound Attachments**

# IX\_DNI

Key Name Entity Name Logical Only Key Type Key Type IX\_DNI Ventas NO

Inversion Entry Inversion Entry

Unique NO

**DNICliente** Keys

# **Bound Attachments**

# PK5

Key Name Entity Name Logical Only Key Type Key Type PK5 Ventas NO

PrimaryKey PrimaryKey YES Unique Keys IdVenta

# **Bound Attachments**

# IX\_FechaAlta

IX\_FechaAlta Ventas

NO

Key Name Entity Name Logical Only Key Type Key Type Inversion Entry Inversion Entry

Unique NO

FechaAlta Keys

# **Bound Attachments**

# **Relationship Summary Report**

Parent Entity	Child Entity	Relationship Type	No of Keys
Comercios	Usuarios	Identifying	1
Usuarios	Ventas	Non-Identifying	2
PlanesComercio	Ventas	Non-Identifying	4
MediosPago	Planes	Identifying	1
Planes	PlanesComercio	Identifying	2
Comercios	PlanesComercio	Identifying	1

# **Relationship Detail Reports**

# **Relationship: Comercios to Usuarios**

Relationship Name Relationship Business Name

Relationship Type Identifying Relationship Do Not False

Generate

Relationship Logical NO

Only

Parent Entity Comercios
Child Entity Usuarios

**Cardinality** One To Zero or More

Existence Mandatory
Propagated Key Primary Key

## **Bound Attachments**

Name Current Value

## **Relationship Description**

Verb Sentence Inverse Verb Sentence Definition Note

## **Relationship Keys**

Parent Key Child Key IdComercio IdComercio

#### **Trigger Templates**

Trigger Event Trigger Action

# **Relationship: Usuarios to Ventas**

Relationship Name Relationship Business Name

Relationship Type

nship Type Non-Identifying

Relationship Do Not False

Generate

Relationship Logical NO

Only

Parent Entity Usuarios
Child Entity Ventas

Cardinality One To Zero or More

Existence Mandatory
Propagated Key Primary Key

#### **Bound Attachments**

Name Current Value

## **Relationship Description**

Verb Sentence Inverse Verb Sentence Definition Note

#### **Relationship Keys**

Parent KeyChild KeyIdUsuarioIdUsuarioIdComercioIdComercio

## **Trigger Templates**

Trigger Event Trigger Action

# Relationship: PlanesComercio to Ventas

Relationship Name Relationship Business Name

Relationship Type Non-Identifying

Relationship Do Not False

Generate

Relationship Logical NO

Only

Parent Entity PlanesComercio

Child Entity Ventas

**Cardinality** Zero or One to Zero or More

**Existence** Optional Propagated Key Primary Key

#### **Bound Attachments**

Name Current Value

#### **Relationship Description**

Verb Sentence Inverse Verb Sentence Definition Note

#### **Relationship Keys**

Parent KeyChild KeyIdPlanComercioIdPlanComercioIdComercioIdComercioIdPlanIdPlanIdMedioPagoIdMedioPago

## **Trigger Templates**

Trigger Event Trigger Action

# Relationship: MediosPago to Planes

Relationship Name Relationship Business Name

**Relationship Type** Identifying **Relationship Do Not** False

Generate

Relationship Logical NO

Only

Parent Entity MediosPago
Child Entity Planes

Cardinality One To Zero or More

Existence Mandatory
Propagated Key Primary Key

#### **Bound Attachments**

Name Current Value

## **Relationship Description**

Verb Sentence Inverse Verb Sentence Definition Note

## **Relationship Keys**

Parent Key Child Key IdMedioPago IdMedioPago

## **Trigger Templates**

Trigger Event Trigger Action

# Relationship: Planes to PlanesComercio

Relationship Name Relationship Business Name

**Relationship Type** Identifying **Relationship Do Not** False

Generate

Relationship Logical NO

Only

Parent Entity Planes

Child Entity PlanesComercio
Cardinality One To Zero or More

Existence Mandatory
Propagated Key Primary Key

#### **Bound Attachments**

Name Current Value

#### **Relationship Description**

Verb Sentence Inverse Verb Sentence Definition Note

#### **Relationship Keys**

Parent KeyChild KeyIdPlanIdPlanIdMedioPagoIdMedioPago

#### **Trigger Templates**

Trigger Event Trigger Action

# **Relationship: Comercios to PlanesComercio**

Relationship Name Relationship Business Name

**Relationship Type** Identifying **Relationship Do Not** False

Generate

Relationship Logical NO

Only

Parent Entity Comercios
Child Entity PlanesComercio
Cardinality One To Zero or More

Existence Mandatory
Propagated Key Primary Key

#### **Bound Attachments**

Name Current Value

#### **Relationship Description**

Verb Sentence Inverse Verb Sentence Definition Note

#### **Relationship Keys**

Parent Key Child Key IdComercio IdComercio

#### **Trigger Templates**

Trigger Event Trigger Action

# **Model Detail Reports**

# Fisico GestionPagos

Model Name Database Fisico GestionPagos

MySQL 5.x

Platform Model Notation

Physical

**PreSQL** 

**PostSQL** 

**Security Properties** 

Name Current Value

**Bound Attachments** 

# **Submodel Summary Report**

Name Main Model DatabasePlatform MySQL 5.x

# **Submodel Detail Reports**

# **Main Model**

SubModel

Main Model

Name Database

MySQL 5.x

Platform Parent SubModel

**Security Properties** 

Name

**Current Value** 

**Bound Attachments** 

Name

**Current Value** 

# **Table Summary Report**

Table Name	Table Type	Primary Keys	# Col
Comercios	Independent	IdComercio,	6
MediosPago	Independent	IdMedioPago,	4
Planes	Dependent	IdPlan,IdMedioPago,	5
PlanesComercio	Dependent	IdPlanComercio,IdComercio,IdPlan,Id MedioPago,	5
Usuarios	Dependent	IdUsuario,IdComercio,	8
Ventas	Independent	IdVenta	16

# **Table Detail Reports**

# **Comercios**

Table Name

Comercios

Owner Name Table Type

INNODB NO

Physical Only Primary Keys

IdComercio

Definition Notes Tabla que almacena los comercios del sistema. Tabla que almacena los comercios del sistema.

**PreSQL** 

**PostSQL** 

**Security Properties** 

Name

**Current Value** 

**Bound Attachments** 

Name

**Current Value** 

**Data Movement Rules** 

Name

**Type** 

Rule Text/Value

Where Used - Model Usage

Model

**Logical Entity Name** 

**Denormalization Mappings** 

Logical Fisico GestionPagos

(MySQL)

Comercios Comercios

Where Used - Submodel Usage

Model Logical Submodel Usage Main Model

Logical

Vista GestionPagos

Fisico GestionPagos (MySQL)

Main Model

# **User-Defined Mappings**

Model	Name	Description		
Columns				
Column Name IdComercio	Domain	<b>Datatype</b> INT	<b>Null</b> ID	Definition Clave primaria de la tabla Comercios (1/1). Clave primaria de la tabla Usuarios (2/2). Clave primaria de la tabla PlanesComercio (2/4).
Comercio		VARCHAR(10	N	Nombre del
Telefono		0) VARCHAR(15 )	N	comercio. Número de teléfono del comercio.
Direccion		VARCHAR(10 0)	Ν	Dirección del comercio.
Localidad		VARCHAR(10	Ν	
EstadoComercio		0) CHAR(1)	N	
Keys				
Key Name PK1 UI_Comercio Storage	<b>Key Type</b> PrimaryKey Alternate Key	<b>Keys</b> IdComercio Comercio		
Growth Metrics				_
Current Row Cou Table Growth Growth Type Growth Period Maximum Rows	Static N/A N/A 0	<b>.</b>		
	d Check Constrain	its		
Column	Туре	Name	F	Restriction

# Parent Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	ls Supertype
Child Relati	onships:						
Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	ls Subtype
Usuarios	Identify ing	One To Zero or More				-	NO
PlanesCo mercio	Identify ing	One To Zero or					NO

## **DDL Code**

```
CREATE TABLE Comercios(

IdComercio INT UNSIGNED AUTO_INCREMENT,
Comercio VARCHAR(100) NOT NULL,
Telefono VARCHAR(15) NOT NULL,
Direccion VARCHAR(100) NOT NULL,
Localidad VARCHAR(100) NOT NULL,
EstadoComercio CHAR(1) NOT NULL,
PRIMARY KEY (IdComercio),
UNIQUE INDEX UI_Comercio(Comercio)
);
```

More

# **IdComercio**

**Table Name** 

Comercios

**Column Name** IdComercio IdComercio

**Attribute Name** 

**Logical Role** Name

**Role Name** 

**Physical Only** NO

Domain

**Primary Key** YES

**Parent Table** Foreign Key NO

**Security Properties** 

**Current Value** Name

**Bound Attachments** 

Name **Current Value** 

**Data Movement Rules** 

Rule Text/Value Name **Type** 

**Where Used** 

Model Name **Base Entity Datatype** Comercios **INTEGER** Logical IdComercio Fisico GestionPagos IdComercio Comercios INT

(MySQL)

**User-Defined Mappings** 

Model Name Base Entity **Datatype Description** 

**Direct Source Mappings** 

**Columns Transformati Transformation Description** 

on Logic

**Secondary Source Mappings** 

**Columns** Transformati **Transformation Description** 

on Logic

**Direct Target Mappings** 

Columns **Transformati Transformation Description** 

on Logic

# **Secondary Target Mappings**

Columns Transformati Transformation Description

on Logic

## **Definition**

Clave primaria de la tabla Comercios (1/1). Clave primaria de la tabla Usuarios (2/2). Clave primaria de la tabla PlanesComercio (2/4).

#### Note

Clave primaria de la tabla Comercios (1/1). Clave primaria de la tabla Usuarios (2/2). Clave primaria de la tabla PlanesComercio (2/4).

## **Column Properties**

Data Type	INT	Width	Scale
Nullable	NO		

#### **Growth Metrics**

Unsigned

Average Width --- Percent Null 0

YES

## **Domain Restrictions**

**Check Constraint Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

**Reference Value** 

## Comercio

**Column Name** Comercio **Table Name** Comercios **Attribute Name** Comercio **Logical Role** Name **Role Name Physical Only** NO Domain **Primary Key** NO Foreign Key **Parent Table** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical Comercio Comercios VARCHAR Fisico GestionPagos Comercios **VARCHAR** Comercio (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

# **Secondary Target Mappings**

Columns Transformati Transformation Description

on Logic

**Definition** 

Nombre del comercio.

Note

Nombre del comercio.

**Column Properties** 

Data Type VARCHAR(100) Width 100 Scale

Nullable NO Unsigned NO

**Growth Metrics** 

Average Width 101 Percent Null 0

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

**Reference Value** 

## **Telefono**

**Column Name** Telefono **Table Name** Comercios Attribute Name Telefono **Logical Role** Name **Role Name Physical Only** NO Domain **Primary Key** NO Foreign Key **Parent Table** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Telefono Logical Comercios **VARCHAR** Fisico GestionPagos Telefono Comercios **VARCHAR** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

# **Secondary Target Mappings**

Columns Transformati Transformation Description

on Logic

## **Definition**

Número de teléfono del comercio.

#### Note

Número de teléfono del comercio.

## **Column Properties**

Data Type VARCHAR(15) Width 15 Scale

Nullable NO Unsigned NO

## **Growth Metrics**

Average Width 13 Percent Null 0

## **Domain Restrictions**

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

**Reference Value** 

# **Direccion**

**Column Name** Direccion **Table Name** Comercios **Attribute Name** Direccion **Logical Role** Name **Role Name Physical Only** NO Domain **Primary Key** NO Foreign Key **Parent Table** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical Direccion Comercios **VARCHAR** Fisico GestionPagos Comercios **VARCHAR** Direccion (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** 

on Logic

# **Secondary Target Mappings**

Columns Transformati Transformation Description

on Logic

**Definition** 

Dirección del comercio.

Note

Dirección del comercio.

**Column Properties** 

Data Type VARCHAR(100) Width 100 Scale

Nullable NO Unsigned NO

**Growth Metrics** 

Average Width 101 Percent Null 0

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

**Reference Value** 

## Localidad

**Column Name** Localidad **Table Name** Comercios Attribute Name Localidad **Logical Role** Name **Role Name Physical Only** NO Domain **Primary Key** NO Foreign Key **Parent Table** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Localidad Logical Comercios VARCHAR Fisico GestionPagos Localidad Comercios **VARCHAR** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

# **Secondary Target Mappings**

Columns Transformati Transformation Description

on Logic

**Definition** 

Localidad del comercio.

Note

Localidad del comercio.

**Column Properties** 

Data Type VARCHAR(100) Width 100 Scale

Nullable NO Unsigned NO

**Growth Metrics** 

Average Width 101 Percent Null 0

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

**Reference Value** 

## **EstadoComercio**

**Column Name** EstadoComercio **Table Name** Comercios Attribute Name EstadoComercio **Logical Role** Name **Role Name Physical Only** NO Domain **Primary Key** NO Foreign Key **Parent Table** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical EstadoComercio Comercios CHAR Fisico GestionPagos EstadoComercio Comercios **CHAR** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings** 

**Transformati** 

**Transformati** 

on Logic

on Logic

Columns

Columns

**Direct Target Mappings** 

**Transformation Description** 

**Transformation Description** 

# **Secondary Target Mappings**

Columns Transformati Transformation Description

on Logic

## **Definition**

Estado del comercio A: Activo - B: Baja

#### Note

Estado del comercio A: Activo - B: Baja

## **Column Properties**

Data Type CHAR(1) Width 1 Scale

Nullable NO Unsigned NO

## **Growth Metrics**

Average Width --Percent Null 0

## **Domain Restrictions**

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

**Reference Value** 

# **MediosPago**

Table Name MediosPago

**Owner Name** 

Table Type **INNODB Physical Only** NO

**Primary Keys** IdMedioPago

Definition Tabla que almacena los medios de pago del sistema. **Notes** Tabla que almacena los medios de pago del sistema.

**PreSQL** 

**PostSQL** 

**Security Properties** 

**Current Value** Name

**Bound Attachments** 

**Current Value** Name

**Data Movement Rules** 

Rule Text/Value Name **Type** 

Where Used - Model Usage

Model **Logical Entity Name** 

Logical MediosPago Fisico GestionPagos MediosPago

(MySQL)

Where Used - Submodel Usage

Model **Submodel Usage** Logical Main Model

Vista GestionPagos

Logical

Fisico GestionPagos (MySQL) Main Model

**User-Defined Mappings** 

Model Name Description

**Columns** 

**Column Name Domain Datatype Null Definition** 

**Denormalization Mappings** 

IdMedioPag MedioPago			TINYIN		             	Clave primar a tabla MediosPago Clave primar a tabla PlanesCome (4/4). Clave orimaria de l Planes (2/2) Nombre del	(1/1) ria de ercio a tabl	la
Tipo			0) VARCH	•		de pago. Tipos de me	dine	
·			)	`	(	de pago.		
Banco			VARCH 0)	1AR(10		Banco del m de pago.	edio	
Keys								
Key Name PK3 UI_MedioPa	ago	<b>Key Type</b> PrimaryKey Alternate Key		i dioPago oPago				
Storage								
Growth Metr	ics							
Current Roy Table Growt Growth Typ Growth Peri Maximum R	th e od	0 Static N/A N/A 0						
Defaults, Ru	les and Ch	neck Constrain	its					
Column		Туре	Name		Re	striction		
Foreign Key	s							
Parent Rela	tionships:	:						
Table Name	Туре	Cardinality	Constraint Name	Verb Phrase	Invei Phra			ls Supertype
Child Relati	ionships:							
Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Invei Phra		_	ls Subtype
Planes	Identify ing	One To Zero or More	Nanie	FIII <b>d S C</b>	rilld	se Keys		<b>Subtype</b> NO

### **DDL Code**

```
CREATE TABLE MediosPago(

IdMedioPago TINYINT UNSIGNED AUTO_INCREMENT,

MedioPago VARCHAR(100) NOT NULL,

Tipo VARCHAR(10) NOT NULL,

Banco VARCHAR(100),

PRIMARY KEY (IdMedioPago),

UNIQUE INDEX UI_MedioPago (MedioPago)

;
```

# **IdMedioPago**

**Table Name** 

MediosPago

Column Name IdMedioPago

Attribute Name IdMedioPago

Logical Role Name

Role Name

Physical Only NO

Domain

Primary Key YES

Foreign Key NO Parent Table

**Security Properties** 

Name Current Value

**Bound Attachments** 

Name Current Value

**Data Movement Rules** 

Name Type Rule Text/Value

**Where Used** 

ModelNameBase EntityDatatypeLogicalIdMedioPagoMediosPagoTINYINTFisico GestionPagosIdMedioPagoMediosPagoTINYINT

(MySQL)

**User-Defined Mappings** 

Model Name Base Entity Datatype Description

**Direct Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Secondary Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Direct Target Mappings** 

Columns Transformati Transformation Description

on Logic

Columns Transformati Transformation Description

on Logic

#### **Definition**

Clave primara de la tabla MediosPago (1/1). Clave primaria de la tabla PlanesComercio (4/4). Clave primaria de la tabla Planes (2/2).

#### Note

Clave primara de la tabla MediosPago (1/1). Clave primaria de la tabla PlanesComercio (4/4). Clave primaria de la tabla Planes (2/2).

### **Column Properties**

Data Type	TINYINT	Width	Scale
Nullable	NO		

### **Growth Metrics**

Unsigned

Average Width --- Percent Null 0

YES

#### **Domain Restrictions**

**Check Constraint Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

# MedioPago

**Column Name** MedioPago **Table Name** MediosPago **Attribute Name** MedioPago **Logical Role** Name **Role Name Physical Only** NO **Domain Primary Key** NO Foreign Key **Parent Table** NO **Security Properties** 

Name Current Value

Bound Attachments

Name Current Value

**Data Movement Rules** 

Name Type Rule Text/Value

**Where Used** 

ModelNameBase EntityDatatypeLogicalMedioPagoMediosPagoVARCHARFisico GestionPagosMedioPagoMediosPagoVARCHAR

(MySQL)

**User-Defined Mappings** 

Model Name Base Entity Datatype Description

**Direct Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Secondary Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Direct Target Mappings** 

Columns Transformati Transformation Description

on Logic

Columns Transformati Transformation Description

on Logic

**Definition** 

Nombre del medio de pago.

Note

Nombre del medio de pago.

**Column Properties** 

Data Type VARCHAR(100) Width 100 Scale

Nullable NO Unsigned NO

**Growth Metrics** 

Average Width 101 Percent Null 0

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

# Tipo

Column Name Attribute Name Logical Role Name Role Name	Tipo Tipo		Table Name	MediosPago
Physical Only Domain	NO			
Primary Key Foreign Key	NO NO		Parent Table	
Security Propert				
Name		Current Valu	e	
Bound Attachme	nts			
Name		Current Valu	e	
Data Movement	Rules			
Name		Туре	Rule Text/Val	ue
Where Used				
Model Logical Fisico GestionPo (MySQL)	-	<b>Name</b> Tipo Tipo	Base Entity MediosPago MediosPago	<b>Datatype</b> VARCHAR VARCHAR
Logical Fisico GestionPa	agos	Tipo	MediosPago	VARCHAR
Logical Fisico GestionPa (MySQL)	agos ppings	Tipo	MediosPago	VARCHAR
Logical Fisico GestionPo (MySQL)  User-Defined Ma	agos  ppings  ne	Tipo Tipo Base Entity	MediosPago MediosPago	VARCHAR VARCHAR
Logical Fisico GestionPo (MySQL)  User-Defined Ma  Model Nar	agos  ppings  ne	Tipo Tipo Base Entity	MediosPago MediosPago Datatype	VARCHAR VARCHAR
Logical Fisico GestionPo (MySQL)  User-Defined Ma  Model Nar  Direct Source Ma	agos  ppings  ne  appings	Tipo Tipo Base Entity Transformat on Logic	MediosPago MediosPago Datatype	VARCHAR VARCHAR  Description
Logical Fisico GestionPo (MySQL)  User-Defined Ma  Model Nar  Direct Source Ma  Columns	agos  ppings  ne  appings	Tipo Tipo Base Entity Transformat on Logic	MediosPago MediosPago  MediosPago  Datatype  Transformation	VARCHAR VARCHAR  Description
Logical Fisico GestionPo (MySQL)  User-Defined Ma Model Nar  Direct Source Ma  Columns  Secondary Source	ppings ne appings	Tipo Tipo Base Entity  Transformat on Logic  Dings  Transformat	MediosPago MediosPago  MediosPago  Datatype  Transformation	VARCHAR VARCHAR  Description  on Description

Columns Transformati Transformation Description

on Logic

#### **Definition**

Tipos de medios de pago.

#### Note

Tipos de medios de pago.

#### **Column Properties**

Data Type VARCHAR(10) Width 10 Scale

Nullable NO Unsigned NO

#### **Growth Metrics**

Average Width 11 Percent Null 0

#### **Domain Restrictions**

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

### **Banco**

**Column Name** Banco **Table Name** MediosPago Attribute Name Banco **Logical Role** Name **Role Name Physical Only** NO Domain **Primary Key** NO Foreign Key **Parent Table** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Logical Banco MediosPago **VARCHAR** Fisico GestionPagos MediosPago **VARCHAR** Banco (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** on Logic

Columns Transformati Transformation Description

on Logic

**Definition** 

Banco del medio de pago.

Note

Banco del medio de pago.

**Column Properties** 

Data Type VARCHAR(100) Width 100 Scale

Nullable YES Unsigned NO

**Growth Metrics** 

Average Width 101 Percent Null 0

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **Planes**

Table Name Planes

Owner Name Table Type

INNODB

Physical Only NO

Primary Keys IdPlan,IdMedioPago

**Definition**Tabla que almacena los planes soportados del sistema. **Notes**Tabla que almacena los planes soportados del sistema.

**PreSQL** 

**PostSQL** 

**Security Properties** 

Name Current Value

**Bound Attachments** 

Name Current Value

**Data Movement Rules** 

Name Type Rule Text/Value

Where Used - Model Usage

Model Logical Entity Name

Logical Planes Fisico GestionPagos Planes

(MySQL)

Where Used - Submodel Usage

ModelSubmodel UsageLogicalMain Model

Logical Vista GestionPagos

Fisico GestionPagos (MySQL) Main Model

**User-Defined Mappings** 

Model Name Description

**Columns** 

Column Name Domain Datatype Null Definition

**Denormalization Mappings** 

IdPlan	SMALLINT	ID	Clave primaria de la tabla Planes (1/2). Clave primaria de la tabla PlanesComercio (3/4).
IdMedioPago	TINYINT	N	Clave primara de la tabla MediosPago (1/1). Clave primaria de la tabla PlanesComercio (4/4). Clave primaria de la tabla Planes (2/2).
Codigo	VARCHAR(15 )	N	Código del plan de pago.
NumCuotas	TINYINT	N	Número de cuotas del plan.
TNA	DECIMAL(5, 2)	N	Tasa de Interés Nominal Anual del plan.

# Keys

<b>Key Name</b> PK4 UI_IdPlan	<b>Key Type</b> PrimaryKey Alternate Key	<b>Keys</b> IdPlan, IdMedioPago IdPlan	
UI_Codigo	Alternate Key	Codigo	
Storage			

# **Growth Metrics**

Current Row Count0Table GrowthStaticGrowth TypeN/AGrowth PeriodN/AMaximum Rows0

# **Defaults, Rules and Check Constraints**

Column	Туре	Name	Restriction	
Foreign Keys				

# Parent Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	ls Supertype
MediosPa	Identify	One To				IdMedio	NO
go	ing	Zero or				Pago	
		More					

#### **Child Relationships:**

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	ls Subtype
PlanesCo	Identify	One To				_	NO
mercio	ing	Zero or					
		More					

#### **DDL Code**

```
CREATE TABLE Planes(

IdPlan SMALLINT UNSIGNED AUTO_INCREMENT,
IdMedioPago TINYINT UNSIGNED NOT NULL,
Codigo VARCHAR(15) NOT NULL,
NumCuotas TINYINT NOT NULL,
TNA DECIMAL(5, 2) NOT NULL,
PRIMARY KEY (IdPlan, IdMedioPago),
UNIQUE INDEX UI_IdPlan(IdPlan),
UNIQUE INDEX UI_Codigo(Codigo),
CONSTRAINT RefMediosPago4 FOREIGN KEY (IdMedioPago)
REFERENCES MediosPago(IdMedioPago)
)
;
```

## **IdPlan**

**Table Name** 

**Planes** 

**Column Name** IdPlan

IdPlan **Attribute Name** 

**Logical Role** Name

**Role Name** 

**Physical Only** NO

**Domain** 

**Primary Key** YES

**Parent Table** Foreign Key NO

**Security Properties** 

**Current Value** Name

**Bound Attachments** 

Name **Current Value** 

**Data Movement Rules** 

Rule Text/Value Name **Type** 

**Where Used** 

Model Name **Base Entity Datatype** IdPlan Planes Logical **SMALLINT** Fisico GestionPagos IdPlan **Planes SMALLINT** 

(MySQL)

**User-Defined Mappings** 

Model Name **Base Entity Datatype** Description

**Direct Source Mappings** 

**Columns Transformati Transformation Description** 

on Logic

**Secondary Source Mappings** 

**Columns** Transformati **Transformation Description** 

on Logic

**Direct Target Mappings** 

Columns **Transformati Transformation Description** 

on Logic

Columns Transformati Transformation Description

on Logic

#### **Definition**

Clave primaria de la tabla Planes (1/2). Clave primaria de la tabla PlanesComercio (3/4).

#### Note

Clave primaria de la tabla Planes (1/2). Clave primaria de la tabla PlanesComercio (3/4).

### **Column Properties**

Data Type SMALLINT Width Scale

Nullable NO Unsigned YES

#### **Growth Metrics**

Average Width --- Percent Null 0

#### **Domain Restrictions**

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

# **IdMedioPago**

Column NameIdMedioPagoTable NamePlanesAttribute NameIdMedioPago

Logical Role

Name Role Name

Physical Only NO

Domain

Primary Key YES Foreign Key YES

Parent Table MediosPago

**Security Properties** 

Name Current Value

**Bound Attachments** 

Name Current Value

**Data Movement Rules** 

Name Type Rule Text/Value

**Where Used** 

ModelNameBase EntityDatatypeLogicalIdMedioPagoPlanesTINYINTFisico GestionPagosIdMedioPagoPlanesTINYINT

(MySQL)

**User-Defined Mappings** 

Model Name Base Entity Datatype Description

**Direct Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Secondary Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Direct Target Mappings** 

Columns Transformati Transformation Description

on Logic

Columns Transformati Transformation Description

on Logic

#### **Definition**

Clave primara de la tabla MediosPago (1/1). Clave primaria de la tabla PlanesComercio (4/4). Clave primaria de la tabla Planes (2/2).

#### **Note**

Clave primara de la tabla MediosPago (1/1). Clave primaria de la tabla PlanesComercio (4/4). Clave primaria de la tabla Planes (2/2).

#### **Column Properties**

Data TypeTINYINTWidthScaleNullableNO

Unsigned YES

#### **Growth Metrics**

Average Width --- Percent Null 0

#### **Domain Restrictions**

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

# Codigo

**Column Name** Codigo **Table Name Planes** Attribute Name Codigo **Logical Role** Name **Role Name Physical Only** NO Domain **Primary Key** NO Foreign Key **Parent Table** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Logical Codigo **Planes VARCHAR** Fisico GestionPagos **Planes VARCHAR** Codigo (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** on Logic

Columns Transformati Transformation Description

on Logic

#### **Definition**

Código del plan de pago.

#### Note

Código del plan de pago.

#### **Column Properties**

Data Type VARCHAR(15) Width 15 Scale

Nullable NO Unsigned NO

#### **Growth Metrics**

Average Width 16 Percent Null 0

#### **Domain Restrictions**

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

### **NumCuotas**

**Column Name** NumCuotas **Table Name Planes Attribute Name** NumCuotas **Logical Role** Name **Role Name Physical Only** NO **Domain Primary Key** NO Foreign Key **Parent Table** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Logical **NumCuotas** Planes TINYINT Fisico GestionPagos **Planes TINYINT NumCuotas** (MySQL) **User-Defined Mappings** Model Name **Base Entity** Description **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

Columns Transformati Transformation Description

on Logic

**Definition** 

Número de cuotas del plan.

Note

Número de cuotas del plan.

**Column Properties** 

Data Type TINYINT Width Scale

Nullable NO Unsigned NO

**Growth Metrics** 

Average Width --Percent Null 0

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

# TNA

Column Name Attribute Name Logical Role Name Role Name Physical Only	TNA TNA NO	Т	able Name	Planes
Domain Brimary Koy	NO			
Primary Key Foreign Key	NO NO	P	arent Table	
Security Properti	es			
Name		Current Value		
<b>Bound Attachme</b>	nts			
Name		Current Value		
Data Movement F	Rules			
Name		Туре	Rule Text/Val	ue
Where Used				
Model	N	lame	Base Entity	Datatype
Logical Fisico GestionPa (MySQL)		NA NA	Planes Planes	DECIMAL DECIMAL
Logical Fisico GestionPa	agos T		Planes	
Logical Fisico GestionPa (MySQL)	agos T ppings		Planes	
Logical Fisico GestionPa (MySQL)  User-Defined Ma	agos T ppings ne	<sup>-</sup> NA	Planes Planes	DECIMAL
Logical Fisico GestionPa (MySQL)  User-Defined Ma  Model Nan	agos T ppings ne	<sup>-</sup> NA	Planes Planes Datatype	DECIMAL
Logical Fisico GestionPa (MySQL)  User-Defined Ma  Model Nan  Direct Source Ma	agos T ppings ne appings	Base Entity  Transformati on Logic	Planes Planes Datatype	DECIMAL  Description
Logical Fisico GestionPa (MySQL)  User-Defined Ma  Model Nan  Direct Source Ma  Columns	agos T ppings ne appings	Base Entity  Transformati on Logic	Planes Planes Datatype Transformation	DECIMAL  Description
Logical Fisico GestionPa (MySQL)  User-Defined Ma  Model Nan  Direct Source Ma  Columns  Secondary Source	ppings ne appings	Base Entity  Transformati on Logic  ings  Transformati	Planes Planes Datatype Transformation	DECIMAL  Description  on Description

Columns Transformati Transformation Description

on Logic

#### **Definition**

Tasa de Interés Nominal Anual del plan.

#### Note

Tasa de Interés Nominal Anual del plan.

#### **Column Properties**

Data Type DECIMAL(5, 2) Width 5 Scale 2

Nullable NO Unsigned NO

#### **Growth Metrics**

Average Width --Percent Null 0

#### **Domain Restrictions**

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

### **PlanesComercio**

 Table Name
 PlanesComercio

**Owner Name** 

Table TypeINNODBPhysical OnlyNO

Primary Keys
Definition
Notes
IdPlanComercio,IdComercio,IdPlan,IdMedioPago
Tabla que almacena los planes de comercio del sistema.
Tabla que almacena los planes de comercio del sistema.

**PreSQL** 

**PostSQL** 

**Security Properties** 

Name Current Value

**Bound Attachments** 

Name Current Value

**Data Movement Rules** 

Name Type Rule Text/Value

Where Used - Model Usage

Model Logical Entity Name

Logical PlanesComercio Fisico GestionPagos PlanesComercio

(MySQL)

Where Used - Submodel Usage

ModelSubmodel UsageLogicalMain Model

Logical Vista GestionPagos

Fisico GestionPagos (MySQL) Main Model

**User-Defined Mappings** 

Model Name Description

**Columns** 

Column Name Domain Datatype Null Definition

**Denormalization Mappings** 

IdPlanComercio	INT	ID	Clave primaria de la tabla PlanesComercio (1/4).
IdComercio	INT	N	• •
IdPlan	SMALLINT	N	
IdMedioPago	TINYINT	N	Clave primara de la tabla MediosPago (1/1). Clave primaria de la tabla PlanesComercio
EstadoPComercio	CHAR(1)	N	(4/4). Estado de un plan de comercio A- Activo - B: Baja.

# Keys

<b>Key Name</b> PK6	<b>Key Type</b> PrimaryKey	<b>Keys</b> IdPlanComercio, IdComercio, IdPlan, IdMedioPago
UI_IdPlanComercio UI_IdComercioIdPla n	Alternate Key Alternate Key	IdPlanComercio IdComercio, IdPlan

### Storage

# **Growth Metrics**

Current Row Count0Table GrowthStaticGrowth TypeN/AGrowth PeriodN/AMaximum Rows0

# **Defaults, Rules and Check Constraints**

Column	Туре	Name	Restriction
--------	------	------	-------------

#### Parent Relationships:

Table Name	Туре	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	ls Supertype
Planes	Identify	One To				ldPlan,	NO
	ing	Zero or				IdMedio	
		More				Pago	
Comercios	Identify	One To				IdComer	NO
	ing	Zero or				cio	
		More					

#### **Child Relationships:**

Table Name	Type	Cardinality	Constraint Name	Inverse Phrase	Foreign Keys	ls Subtype
Ventas	Non-Id	One To				NO
	entifyin	Zero or				
	a	More				

#### **DDL Code**

```
CREATE TABLE PlanesComercio(
   IdPlanComercio INT UNSIGNED AUTO INCREMENT,
   IdComercio INT UNSIGNED NOT NULL,
   IdPlan
                     SMALLINT UNSIGNED NOT NULL,
   IdMedioPago
                     TINYINT UNSIGNED NOT NULL,
   EstadoPComercio CHAR(1)
                                  NOT NULL,
   PRIMARY KEY (IdPlanComercio, IdComercio, IdPlan, IdMedioPago),
   UNIQUE INDEX UI IdPlanComercio(IdPlanComercio),
   UNIQUE INDEX UI IdComercioIdPlan(IdComercio, IdPlan),
   CONSTRAINT RefPlanes5 FOREIGN KEY (IdPlan, IdMedioPago)
   REFERENCES Planes (IdPlan, IdMedioPago),
   CONSTRAINT RefComercios6 FOREIGN KEY (IdComercio)
   REFERENCES Comercios (IdComercio)
)
```

### **IdPlanComercio**

Column NameIdPlanComercioTable NamePlanesComercioAttribute NameIdPlanComercio

Logical Role

Name Role Name

Physical Only NO

Domain

Primary Key YES

Foreign Key NO Parent Table

**Security Properties** 

Name Current Value

**Bound Attachments** 

Name Current Value

**Data Movement Rules** 

Name Type Rule Text/Value

**Where Used** 

ModelNameBase EntityDatatypeLogicalIdPlanComercioPlanesComercioINTEGERFisico GestionPagosIdPlanComercioPlanesComercioINT

(MySQL)

**User-Defined Mappings** 

Model Name Base Entity Datatype Description

**Direct Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Secondary Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Direct Target Mappings** 

Columns Transformati Transformation Description

on Logic

Columns Transformati Transformation Description

on Logic

#### **Definition**

Clave primaria de la tabla PlanesComercio (1/4).

#### Note

Clave primaria de la tabla PlanesComercio (1/4).

### **Column Properties**

Data Type INT Width Scale

Nullable NO Unsigned YES

#### **Growth Metrics**

Average Width --- Percent Null 0

### **Domain Restrictions**

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

### **IdComercio**

**Column Name IdComercio Table Name** PlanesComercio **Attribute Name** IdComercio **Logical Role** Name **Role Name Physical Only** NO **Domain Primary Key** YES Foreign Key **Parent Table** YES **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical **IdComercio** PlanesComercio INTEGER Fisico GestionPagos PlanesComercio INT **IdComercio** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic

**Transformati** 

on Logic

**Transformation Description** 

**Direct Target Mappings** 

Columns

Columns Transformati Transformation Description on Logic

#### **Definition**

Clave primaria de la tabla Comercios (1/1). Clave primaria de la tabla Usuarios (2/2). Clave primaria de la tabla PlanesComercio (2/4).

#### **Note**

Clave primaria de la tabla Comercios (1/1). Clave primaria de la tabla Usuarios (2/2). Clave primaria de la tabla PlanesComercio (2/4).

### **Column Properties**

Data Type	INT	Width	Scale
Nullable	NO		

Unsigned YES

#### **Growth Metrics**

Average Width --- Percent Null 0

#### **Domain Restrictions**

**Check Constraint Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

### **IdPlan**

**Column Name** IdPlan **Table Name** PlanesComercio **Attribute Name** IdPlan **Logical Role** Name **Role Name Physical Only** NO Domain **Primary Key** YES Foreign Key **Parent Table** YES **Planes Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical IdPlan PlanesComercio **SMALLINT** PlanesComercio Fisico GestionPagos IdPlan **SMALLINT** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** on Logic

Columns Transformati Transformation Description on Logic

#### **Definition**

Clave primaria de la tabla Planes (1/2). Clave primaria de la tabla Planes Comercio (3/4).

#### Note

Clave primaria de la tabla Planes (1/2). Clave primaria de la tabla PlanesComercio (3/4).

### **Column Properties**

Data TypeSMALLINTWidthScaleNullableNO

Unsigned YES

#### **Growth Metrics**

Average Width --- Percent Null 0

#### **Domain Restrictions**

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

# **IdMedioPago**

Column NameIdMedioPagoTable NamePlanesComercioAttribute NameIdMedioPago

Logical Role

Name Role Name

Physical Only NO

Domain

Primary Key YES Foreign Key YES

Parent Table Planes

**Security Properties** 

Name Current Value

**Bound Attachments** 

Name Current Value

**Data Movement Rules** 

Name Type Rule Text/Value

**Where Used** 

ModelNameBase EntityDatatypeLogicalIdMedioPagoPlanesComercioTINYINTFisico GestionPagosIdMedioPagoPlanesComercioTINYINT(MySQL)PlanesComercioTINYINT

**User-Defined Mappings** 

Model Name Base Entity Datatype Description

**Direct Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Secondary Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Direct Target Mappings** 

Columns Transformati Transformation Description

on Logic

Columns Transformati Transformation Description

on Logic

#### **Definition**

Clave primara de la tabla MediosPago (1/1). Clave primaria de la tabla PlanesComercio (4/4).

#### **Note**

Clave primara de la tabla MediosPago (1/1). Clave primaria de la tabla PlanesComercio (4/4).

### **Column Properties**

Data TypeTINYINTWidthScaleNullableNO

Unsigned YES

#### **Growth Metrics**

Average Width --- Percent Null 0

#### **Domain Restrictions**

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **EstadoPComercio**

**Column Name** EstadoPComercio **Table Name** PlanesComercio Attribute Name EstadoPComercio **Logical Role** Name **Role Name Physical Only** NO **Domain Primary Key** NO Foreign Key **Parent Table** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical EstadoPComercio PlanesComercio CHAR Fisico GestionPagos EstadoPComercio **PlanesComercio** CHAR (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformation Description** Columns **Transformati** on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

Columns Transformati Transformation Description

on Logic

#### **Definition**

Estado de un plan de comercio A- Activo - B: Baja.

#### Note

Estado de un plan de comercio A- Activo - B: Baja.

#### **Column Properties**

Data Type CHAR(1) Width 1 Scale

Nullable NO Unsigned NO

#### **Growth Metrics**

Average Width --Percent Null 0

#### **Domain Restrictions**

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

# **Usuarios**

Table Name

**Owner Name** 

Usuarios

Table Type **INNODB Physical Only** NO

**Primary Keys** IdUsuario, IdComercio

Definition Tabla que almacena los usuarios. Notes Tabla que almacena los usuarios.

**PreSQL** 

**PostSQL** 

**Security Properties** 

**Current Value** Name

**Bound Attachments** 

**Current Value** Name

**Data Movement Rules** 

Rule Text/Value Name **Type** 

Where Used - Model Usage

Model **Logical Entity Name** 

Usuarios Logical Fisico GestionPagos Usuarios

(MySQL)

Where Used - Submodel Usage

Model **Submodel Usage** Logical Main Model

Vista GestionPagos Logical

Fisico GestionPagos (MySQL) Main Model

**User-Defined Mappings** 

Model Name Description

**Columns** 

**Column Name Domain Datatype Null Definition** 

**Denormalization Mappings** 

IdUsuario	INT	ID	Clave primaria de la tabla Usuarios (1/1).
IdComercio	INT	N	Clave primaria de la tabla Comercios (1/1). Clave primaria de la tabla Usuarios (2/2). Clave primaria de la tabla PlanesComercio (2/4).
Nombres	VARCHAR(60 )	N	Nombres del usuario.
Apellidos	VARCHAR(60 )	N	Apellidos del usuario.
Telefono	VARCHAR(15 )	N	Número de teléfono del usuario.
Email	VARCHAR(60 )	N	Correo electrónico del usuario.
DNI	VARCHAR(10 )	N	Número de documento del usuario.
EstadoUsuario	CHAR(1)	N	Estado del usuario A: Alta - B: Baja

# Keys

Key Name UI_IdUsuario UI_DNI IX_NombresApellido s PK2	Key Type Alternate Key Alternate Key Inversion Entry PrimaryKey	Keys IdUsuario DNI Nombres, Apellidos IdUsuario, IdComercio	
Storage			

# **Growth Metrics**

Current Row Count0Table GrowthStaticGrowth TypeN/AGrowth PeriodN/AMaximum Rows0

# **Defaults, Rules and Check Constraints**

Column Type Name Restriction

# Parent Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	ls Supertype
Comercios	Identify	One To				IdComer	NO
	ing	Zero or				cio	
	_	More					

#### **Child Relationships:**

Table Name	Type	Cardinality	Constraint Name	Inverse Phrase		ls Subtype
Ventas	Non-Id	One To			-	NO
	entifyin	Zero or				
	g	More				

#### **DDL Code**

```
CREATE TABLE Usuarios (

IdUsuario INT UNSIGNED AUTO_INCREMENT,
IdComercio INT UNSIGNED NOT NULL,
Nombres VARCHAR(60) NOT NULL,
Apellidos VARCHAR(60) NOT NULL,
Telefono VARCHAR(15) NOT NULL,
Email VARCHAR(60) NOT NULL,
DNI VARCHAR(10) NOT NULL,
EstadoUsuario CHAR(1) NOT NULL,
PRIMARY KEY (IdUsuario, IdComercio),
UNIQUE INDEX UI_IdUsuario(IdUsuario),
UNIQUE INDEX UI_DNI(DNI),
CONSTRAINT RefComercios1 FOREIGN KEY (IdComercio)
REFERENCES Comercios(IdComercio)
);
```

# **IdUsuario**

**Table Name** 

Usuarios

**Column Name** IdUsuario IdUsuario

**Attribute Name** 

**Logical Role** Name

**Role Name** 

**Physical Only** NO

Domain

**Primary Key** YES

**Parent Table** Foreign Key NO

**Security Properties** 

**Current Value** Name

**Bound Attachments** 

Name **Current Value** 

**Data Movement Rules** 

Rule Text/Value Name **Type** 

**Where Used** 

Model Name **Base Entity Datatype** Usuarios INTEGER Logical IdUsuario Fisico GestionPagos IdUsuario Usuarios INT

(MySQL)

**User-Defined Mappings** 

Model Name Base Entity **Datatype Description** 

**Direct Source Mappings** 

**Columns Transformati Transformation Description** 

on Logic

**Secondary Source Mappings** 

**Columns** Transformati **Transformation Description** 

on Logic

**Direct Target Mappings** 

Columns **Transformati Transformation Description** 

on Logic

Columns Transformati Transformation Description

on Logic

# **Definition**

Clave primaria de la tabla Usuarios (1/1).

#### Note

Clave primaria de la tabla Usuarios (1/1).

# **Column Properties**

Data Type INT Width Scale

Nullable NO Unsigned YES

# **Growth Metrics**

Average Width --- Percent Null 0

# **Domain Restrictions**

**Check Constraint Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

# **IdComercio**

**Column Name** IdComercio **Table Name** Usuarios **Attribute Name** IdComercio **Logical Role** Name **Role Name Physical Only** NO **Domain Primary Key** YES Foreign Key **Parent Table** Comercios YES **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Logical **IdComercio** Usuarios **INTEGER** Fisico GestionPagos IdComercio Usuarios INT (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings** 

**Transformati** 

**Transformati** 

on Logic

on Logic

Columns

Columns

**Direct Target Mappings** 

**Transformation Description** 

**Transformation Description** 

Columns Transformati Transformation Description on Logic

# **Definition**

Clave primaria de la tabla Comercios (1/1). Clave primaria de la tabla Usuarios (2/2). Clave primaria de la tabla PlanesComercio (2/4).

#### **Note**

Clave primaria de la tabla Comercios (1/1). Clave primaria de la tabla Usuarios (2/2). Clave primaria de la tabla PlanesComercio (2/4).

# **Column Properties**

Data Type	INT	Width	Scale
Nullable	NO		

Unsigned YES

# **Growth Metrics**

Average Width --- Percent Null 0

#### **Domain Restrictions**

**Check Constraint Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

# **Nombres**

**Column Name Nombres Table Name** Usuarios **Attribute Name** Nombres **Logical Role** Name **Role Name Physical Only** NO **Domain Primary Key** NO Foreign Key **Parent Table** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Logical **Nombres** Usuarios VARCHAR Fisico GestionPagos Nombres Usuarios **VARCHAR** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

Columns Transformati Transformation Description

on Logic

**Definition** 

Nombres del usuario.

Note

Nombres del usuario.

**Column Properties** 

Data Type VARCHAR(60) Width 60 Scale

Nullable NO Unsigned NO

**Growth Metrics** 

Average Width 61 Percent Null 0

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

# **Apellidos**

**Column Name Apellidos Table Name** Usuarios Attribute Name Apellidos **Logical Role** Name **Role Name Physical Only** NO Domain **Primary Key** NO Foreign Key **Parent Table** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Logical Apellidos Usuarios **VARCHAR** Fisico GestionPagos **Apellidos** Usuarios **VARCHAR** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformation Description** Columns **Transformati** on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** 

on Logic

Columns Transformati Transformation Description

on Logic

**Definition** 

Apellidos del usuario.

Note

Apellidos del usuario.

**Column Properties** 

Data Type VARCHAR(60) Width 60 Scale

Nullable NO Unsigned NO

**Growth Metrics** 

Average Width 61 Percent Null 0

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

# **Telefono**

**Column Name** Telefono **Table Name** Usuarios **Attribute Name** Telefono **Logical Role** Name **Role Name Physical Only** NO Domain **Primary Key** NO Foreign Key **Parent Table** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Telefono Logical Usuarios **VARCHAR** Fisico GestionPagos Telefono Usuarios **VARCHAR** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

Columns Transformati Transformation Description

on Logic

# **Definition**

Número de teléfono del usuario.

#### Note

Número de teléfono del usuario.

# **Column Properties**

Data Type VARCHAR(15) Width 15 Scale

Nullable NO Unsigned NO

# **Growth Metrics**

Average Width 13 Percent Null 0

# **Domain Restrictions**

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

# **Email**

Column Name Attribute Name Logical Role Name	Email Email	Т	able Name	Usuarios
Role Name Physical Only	NO			
Domain Primary Key Foreign Key	NO NO	P	arent Table	
Security Properti	es			
Name		Current Value		
<b>Bound Attachme</b>	nts			
Name		Current Value		
Data Movement F	Rules			
Name		Туре	Rule Text/Valu	е
Where Used				
<b>Model</b> Logical	Nan		Base Entity	Datatype
Fisico GestionPa (MySQL)	Ema agos Ema		Usuarios Usuarios	VARCHAR VARCHAR
Fisico GestionPa	agos Ema		-	
Fisico GestionPa (MySQL)	agos Ema		-	
Fisico GestionPa (MySQL)  User-Defined Ma	agos Ema ppings ne	iil	Usuarios	VARCHAR
Fisico GestionPa (MySQL)  User-Defined Ma  Model Nan	agos Ema ppings ne	iil	Usuarios	VARCHAR  Description
Fisico GestionPa (MySQL)  User-Defined Ma  Model Nan  Direct Source Ma	egos Ema	Base Entity  Transformati on Logic	Usuarios  Datatype	VARCHAR  Description
Fisico GestionPa (MySQL)  User-Defined Ma  Model Nan  Direct Source Ma  Columns	egos Ema	Base Entity  Transformati on Logic	Usuarios  Datatype	VARCHAR  Description  n Description
Fisico GestionPa (MySQL)  User-Defined Ma  Model Nan  Direct Source Ma  Columns  Secondary Source	egos Ema	Base Entity  Transformati on Logic s  Transformati	Datatype  Transformatio	VARCHAR  Description  n Description

Columns Transformati Transformation Description

on Logic

# **Definition**

Correo electrónico del usuario.

#### Note

Correo electrónico del usuario.

# **Column Properties**

Data Type VARCHAR(60) Width 60 Scale

Nullable NO Unsigned NO

# **Growth Metrics**

Average Width 61 Percent Null 0

# **Domain Restrictions**

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

# DNI

Column Name Attribute Name Logical Role Name	DNI DNI		ī	able Name	Usuarios
Role Name Physical Only Domain	NO				
Primary Key Foreign Key	NO NO		F	Parent Table	
Security Properti	es				
Name		Cı	urrent Value		
<b>Bound Attachme</b>	nts				
Name		Cı	ırrent Value		
Data Movement F	Rules				
Name		Ty	ре	Rule Text/Va	alue
Where Used					
Model Logical Fisico GestionPa (MySQL)	agos	Name DNI DNI		Base Entity Usuarios Usuarios	<b>Datatype</b> VARCHAR VARCHAR
Logical Fisico GestionPa	_	DNI DNI		Usuarios	VARCHAR
Logical Fisico GestionPa (MySQL)	ppings	DNI DNI	ase Entity	Usuarios	VARCHAR
Logical Fisico GestionPa (MySQL)  User-Defined Ma	ppings	DNI DNI	ase Entity	Usuarios Usuarios	VARCHAR VARCHAR
Logical Fisico GestionPa (MySQL)  User-Defined Ma  Model Nan	ppings	DNI DNI Ba	ase Entity ansformati a Logic	Usuarios Usuarios Datatype	VARCHAR VARCHAR
Logical Fisico GestionPa (MySQL)  User-Defined Ma  Model Nan  Direct Source Ma	ppings ne upping	DNI DNI Bass	ansformati	Usuarios Usuarios Datatype	VARCHAR VARCHAR  Description
Logical Fisico GestionPa (MySQL)  User-Defined Ma  Model Nan  Direct Source Ma  Columns	ppings ne upping	DNI DNI S S S Tr or or opings	ansformati	Usuarios Usuarios  Datatype  Transformat	VARCHAR VARCHAR  Description
Logical Fisico GestionPa (MySQL)  User-Defined Ma  Model Nan  Direct Source Ma  Columns  Secondary Source	ppings ne apping	DNI DNI S S S Tr or opings	ansformati Logic ansformati	Usuarios Usuarios  Datatype  Transformat	VARCHAR VARCHAR  Description  tion Description

Columns Transformati Transformation Description

on Logic

**Definition** 

Número de documento del usuario.

Note

Número de documento del usuario.

**Column Properties** 

Data Type VARCHAR(10) Width 10 Scale

Nullable NO Unsigned NO

**Growth Metrics** 

Average Width 11 Percent Null 0

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

# **EstadoUsuario**

**Column Name** EstadoUsuario **Table Name** Usuarios Attribute Name EstadoUsuario **Logical Role** Name **Role Name Physical Only** NO **Domain Primary Key** NO Foreign Key **Parent Table** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Logical EstadoUsuario Usuarios CHAR Fisico GestionPagos EstadoUsuario Usuarios CHAR (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

Columns Transformati Transformation Description

on Logic

**Definition** 

Estado del usuario A: Alta - B: Baja

Note

Estado del usuario A: Alta - B: Baja

**Column Properties** 

Data Type CHAR(1) Width 1 Scale

Nullable NO Unsigned NO

**Growth Metrics** 

Average Width --Percent Null 0

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

# **Ventas**

Table Name Ventas

**Owner Name** 

Table Type INNODB
Physical Only NO
Primary Keys IdVenta

**Definition** Tabla que almacena las ventas del sistema. **Notes** Tabla que almacena las ventas del sistema.

**PreSQL** 

**PostSQL** 

**Security Properties** 

Name Current Value

**Bound Attachments** 

Name Current Value

**Data Movement Rules** 

Name Type Rule Text/Value

Where Used - Model Usage

Model Logical Entity Name Denormalization Mappings

Logical Ventas Fisico GestionPagos Ventas

(MySQL)

Where Used - Submodel Usage

ModelSubmodel UsageLogicalMain ModelLogicalVista GestionPagos

Fisico GestionPagos (MySQL)

Main Model

1 10100 Geotierii ageo (Myeaz)

**User-Defined Mappings** 

Model Name Description

**Columns** 

Column Name Domain Datatype Null Definition

IdVenta	INT	ID	Clave primaria de la tabla Ventas.
IdPlanComercio	INT	Υ	Clave primaria de
			la tabla PlanesComercio
Idl lavasia	INIT	N.I.	(1/4).
IdUsuario	INT	N	Clave primaria de la tabla Usuarios (1/1).
IdComercio	INT	Ν	Clave primaria de
			la tabla Comercios (1/1). Clave
			primaria de la tabla
			Usuarios (2/2). Clave primaria de
			la tabla PlanesComercio
			(2/4).
IdPlan	SMALLINT	Υ	Clave primaria de la tabla Planes
			(1/2). Clave
			primaria de la tabla PlanesComercio
			(3/4).
IdMedioPago	TINYINT	Y	Clave primara de la tabla
			MediosPago (1/1).
			Clave primaria de la tabla
			PlanesComercio
FechaAlta	DATETIME	N	(4/4). Fecha de alta de
Manda	DECIMAL (40	N.I	una venta.
Monto	DECIMAL(12, 2)	N	Monto de la venta.
Detalles	TEXT	N	Detalles de la venta (JSON).
ApellidosCliente	VARCHAR(60	Ν	Apellidos del
NombresCliente	) VARCHAR(60	N	cliente. Nombres del
DireccionCliente	) VARCHAR(10	N	cliente. Dirección del
	0)		cliente.
DNICliente	VARCHAR(10 )	N	Número de documento del
New Today Office to	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		cliente.
NumTarjetaCliente	VARCHAR(20 )	N	Número de tarjeta del cliente.
EstadoVenta	CHAR(1)	N	Estado de la venta A: En Edición - P:
			Pendiente - C:
			Baja - F: Finalizado.
Observaciones	TEXT	Υ	
			la venta (Opcional).
			(Opolorial).

# Keys

Key Name	Key Type	Keys
IX_DNI	Inversion Entry	DNICliente
PK5	PrimaryKey	IdVenta
IX_FechaAlta	Inversion Entry	FechaAlta

# Storage

# **Growth Metrics**

**Current Row Count** Static **Table Growth Growth Type** N/A **Growth Period** N/A **Maximum Rows** 

# **Defaults, Rules and Check Constraints**

Column Type Name Restriction

# **Foreign Keys**

# Parent Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	ls Supertype
Usuarios	Non-Id entifyin g	One To Zero or More				IdUsuari o, IdComer cio	NO
PlanesCo mercio	Non-Id entifyin g	Zero or One to Zero or More				IdPlanC omercio, IdComer cio, IdPlan, IdMedio Pago	NO
Child Relati	onships:						

i abie	ıype	Cardinality	Constraint	verb	inverse	Foreign	IS
Name			Name	Phrase	Phrase	Keys	Subtype

```
CREATE TABLE Ventas (
   IdVenta
                       INT UNSIGNED
                                         AUTO INCREMENT,
   IdPlanComercio
                       INT UNSIGNED,
    IdUsuario
                       INT UNSIGNED
                                          NOT NULL,
                       INT UNSIGNED
   IdComercio
                                          NOT NULL,
   IdPlan
                       SMALLINT UNSIGNED,
                       TINYINT UNSIGNED,
   IdMedioPago
   FechaAlta
                       DATETIME
                                         NOT NULL,
                       DECIMAL(12, 2) NOT NULL,
   Monto
   Detalles
                        TEXT
                                         NOT NULL,
   ApellidosCliente VARCHAR(60)
NombresCliente VARCHAR(60)
DireccionCliente VARCHAR(100)
                                        NOT NULL,
                                        NOT NULL,
                                         NOT NULL,
   DNICliente
                       VARCHAR (10)
                                         NOT NULL,
   NumTarjetaCliente VARCHAR(20)
                                         NOT NULL,
   EstadoVenta
                       CHAR (1)
                                         NOT NULL,
   Observaciones
                       TEXT,
   PRIMARY KEY (IdVenta),
   CONSTRAINT Refusuarios2 FOREIGN KEY (IdUsuario, IdComercio)
   REFERENCES Usuarios (IdUsuario, IdComercio),
   CONSTRAINT RefPlanesComercio3 FOREIGN KEY (IdPlanComercio,
IdComercio, IdPlan, IdMedioPago)
   REFERENCES PlanesComercio (IdPlanComercio, IdComercio, IdPlan,
IdMedioPago)
)
;
```

# **IdVenta**

**Column Name** IdVenta **Attribute Name** IdVenta

Logical Role Name

Role Name Physical Only

Physical Only NO

Domain

Primary Key YES

Foreign Key NO

Table Name Ventas

Parent Table

**Security Properties** 

Name Current Value

**Bound Attachments** 

Name Current Value

**Data Movement Rules** 

Name Type Rule Text/Value

**Where Used** 

ModelNameBase EntityDatatypeLogicalIdVentaVentasINTEGERFisico GestionPagosIdVentaVentasINT

(MySQL)

**User-Defined Mappings** 

Model Name Base Entity Datatype Description

**Direct Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Secondary Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Direct Target Mappings** 

Columns Transformati Transformation Description

on Logic

Columns Transformati Transformation Description

on Logic

# **Definition**

Clave primaria de la tabla Ventas.

#### Note

Clave primaria de la tabla Ventas.

# **Column Properties**

Data TypeINTWidthScaleNullableNO

Nullable NO Unsigned YES

# **Growth Metrics**

Average Width --Percent Null 0

#### **Domain Restrictions**

**Check Constraint Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

# **IdPlanComercio**

**Column Name** IdPlanComercio **Table Name** Ventas **Attribute Name** IdPlanComercio **Logical Role** Name **Role Name Physical Only** NO Domain **Primary Key** NO Foreign Key **Parent Table** YES **Security Properties** Name **Current Value Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical IdPlanComercio Ventas **INTEGER** Fisico GestionPagos IdPlanComercio Ventas INT (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype** 

<b>Direct Source Mappings</b>			
Columns	Transformati	Transformation Description	

on Logic
----------

# **Secondary Source Mappings**

Columns	Transformati	Transformation Description
	on Logic	

# **Direct Target Mappings**

Columns	Transformati	<b>Transformation Description</b>
	on Logic	

Columns Transformati Transformation Description

on Logic

# **Definition**

Clave primaria de la tabla PlanesComercio (1/4).

#### Note

Clave primaria de la tabla PlanesComercio (1/4).

# **Column Properties**

Data Type INT Width Scale

Nullable YES Unsigned YES

# **Growth Metrics**

Average Width --Percent Null 0

# **Domain Restrictions**

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

# **IdUsuario**

**Column Name** IdUsuario **Table Name** Ventas **Attribute Name** IdUsuario **Logical Role** Name **Role Name Physical Only** NO Domain **Primary Key** NO Foreign Key **Parent Table** Usuarios YES **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical IdUsuario Ventas **INTEGER** Fisico GestionPagos IdUsuario Ventas INT (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** 

**Transformati** 

**Transformati** 

**Transformati** 

on Logic

on Logic

on Logic

**Transformation Description** 

**Transformation Description** 

**Transformation Description** 

Columns

Columns

Columns

**Secondary Source Mappings** 

**Direct Target Mappings** 

Columns Transformati Transformation Description on Logic

# **Definition**

Clave primaria de la tabla Usuarios (1/1).

#### Note

Clave primaria de la tabla Usuarios (1/1).

YES

# **Column Properties**

Data TypeINTWidthScaleNullableNO

# **Growth Metrics**

Unsigned

Average Width --Percent Null 0

# **Domain Restrictions**

Check Constraint Check Constraint Name Bound Rule Declared Default Bound Default Reference Value

# **IdComercio**

**Column Name** IdComercio **Table Name** Ventas **Attribute Name** IdComercio **Logical Role** Name **Role Name Physical Only** NO **Domain Primary Key** NO Foreign Key **Parent Table** Usuarios YES **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Logical **IdComercio** Ventas **INTEGER** Fisico GestionPagos IdComercio Ventas INT (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** 

**Secondary Source Mappings** 

Columns

Columns Transformati Transformation Description

**Transformati** 

on Logic

**Transformation Description** 

on Logic

**Direct Target Mappings** 

Columns Transformati Transformation Description

on Logic

Columns Transformati Transformation Description on Logic

# **Definition**

Clave primaria de la tabla Comercios (1/1). Clave primaria de la tabla Usuarios (2/2). Clave primaria de la tabla PlanesComercio (2/4).

#### **Note**

Clave primaria de la tabla Comercios (1/1). Clave primaria de la tabla Usuarios (2/2). Clave primaria de la tabla PlanesComercio (2/4).

# **Column Properties**

Data Type	INT	Width	Scale
Nullable	NO		

Unsigned YES

# **Growth Metrics**

Average Width --- Percent Null 0

#### **Domain Restrictions**

**Check Constraint Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

# **IdPlan**

**Column Name** IdPlan **Table Name** Ventas Attribute Name IdPlan **Logical Role** Name **Role Name Physical Only** NO Domain **Primary Key** NO Foreign Key **Parent Table** YES **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Logical IdPlan Ventas **SMALLINT** Fisico GestionPagos IdPlan Ventas **SMALLINT** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** 

on Logic

Columns Transformati Transformation Description

on Logic

# **Definition**

Clave primaria de la tabla Planes (1/2). Clave primaria de la tabla Planes Comercio (3/4).

#### Note

Clave primaria de la tabla Planes (1/2). Clave primaria de la tabla PlanesComercio (3/4).

# **Column Properties**

Data Type SMALLINT Width Scale

Nullable YES Unsigned YES

# **Growth Metrics**

Average Width --- Percent Null 0

# **Domain Restrictions**

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

# **IdMedioPago**

Column NameIdMedioPagoTable NameVentasAttribute NameIdMedioPago

Logical Role

Name Role Name

Physical Only NO

Domain

Primary Key NO

Foreign Key YES Parent Table

**Security Properties** 

Name Current Value

**Bound Attachments** 

Name Current Value

**Data Movement Rules** 

Name Type Rule Text/Value

**Where Used** 

ModelNameBase EntityDatatypeLogicalIdMedioPagoVentasTINYINTFisico GestionPagosIdMedioPagoVentasTINYINT

(MySQL)

**User-Defined Mappings** 

Model Name Base Entity Datatype Description

**Direct Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Secondary Source Mappings** 

Columns Transformati Transformation Description

on Logic

**Direct Target Mappings** 

Columns Transformati Transformation Description

on Logic

Columns Transformati Transformation Description

on Logic

# **Definition**

Clave primara de la tabla MediosPago (1/1). Clave primaria de la tabla PlanesComercio (4/4).

#### **Note**

Clave primara de la tabla MediosPago (1/1). Clave primaria de la tabla PlanesComercio (4/4).

# **Column Properties**

Data TypeTINYINTWidthScaleNullableYES

Nullable YES Unsigned YES

# **Growth Metrics**

Average Width --Percent Null 0

#### **Domain Restrictions**

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

# **FechaAlta**

**Column Name** FechaAlta **Table Name** Ventas Attribute Name FechaAlta **Logical Role** Name **Role Name Physical Only** NO Domain **Primary Key** NO Foreign Key **Parent Table** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical FechaAlta Ventas **DATETIME** DATETIME Fisico GestionPagos FechaAlta Ventas (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

Columns Transformati Transformation Description

on Logic

**Definition** 

Fecha de alta de una venta.

Note

Fecha de alta de una venta.

**Column Properties** 

Data Type DATETIME Width Scale

Nullable NO Unsigned NO

**Growth Metrics** 

Average Width --Percent Null 0

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **Monto**

**Column Name** Monto **Table Name** Ventas Attribute Name Monto **Logical Role** Name **Role Name Physical Only** NO Domain **Primary Key** NO Foreign Key **Parent Table** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Monto Logical Ventas **DECIMAL** Fisico GestionPagos Ventas **DECIMAL** Monto (MySQL) **User-Defined Mappings** Model Name **Base Entity** Description **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** Columns **Transformati Transformation Description** on Logic

Columns Transformati Transformation Description

on Logic

**Definition** 

Monto de la venta.

Note

Monto de la venta.

**Column Properties** 

Data Type DECIMAL(12, 2) Width 12 Scale 2

Nullable NO Unsigned NO

**Growth Metrics** 

Average Width --Percent Null 0

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **Detalles**

**Column Name Detalles Table Name** Ventas Attribute Name Detalles **Logical Role** Name **Role Name Physical Only** NO Domain **Primary Key** NO Foreign Key **Parent Table** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Logical Detalles Ventas TEXT Fisico GestionPagos Detalles Ventas **TEXT** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

Columns Transformati Transformation Description

on Logic

#### **Definition**

Detalles de la venta (JSON).

#### Note

Detalles de la venta (JSON).

#### **Column Properties**

Data Type TEXT Width Scale

Nullable NO Unsigned NO

#### **Growth Metrics**

Average Width 2048 Percent Null 0

#### **Domain Restrictions**

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

### **ApellidosCliente**

**Column Name ApellidosCliente Table Name** Ventas Attribute Name **ApellidosCliente Logical Role** Name **Role Name Physical Only** NO Domain **Primary Key** NO Foreign Key **Parent Table** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Logical ApellidosCliente Ventas **VARCHAR** Fisico GestionPagos ApellidosCliente **VARCHAR** Ventas (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformation Description** Columns **Transformati** on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

Columns Transformati Transformation Description on Logic

**Definition** 

Apellidos del cliente.

Note

Apellidos del cliente.

**Column Properties** 

Data Type VARCHAR(60) Width 60 Scale

Nullable NO Unsigned NO

**Growth Metrics** 

Average Width 61 Percent Null 0

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **NombresCliente**

**Column Name** NombresCliente **Table Name** Ventas **Attribute Name** NombresCliente **Logical Role** Name **Role Name Physical Only** NO **Domain Primary Key** NO Foreign Key **Parent Table** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Logical NombresCliente Ventas VARCHAR Fisico GestionPagos NombresCliente Ventas **VARCHAR** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

Columns Transformati Transformation Description

on Logic

**Definition** 

Nombres del cliente.

Note

Nombres del cliente.

**Column Properties** 

Data Type VARCHAR(60) Width 60 Scale

Nullable NO Unsigned NO

**Growth Metrics** 

Average Width 61 Percent Null 0

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **DireccionCliente**

**Column Name** DireccionCliente **Table Name** Ventas **Attribute Name** DireccionCliente **Logical Role** Name **Role Name Physical Only** NO **Domain Primary Key** NO Foreign Key **Parent Table** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Logical DireccionCliente Ventas VARCHAR Fisico GestionPagos DireccionCliente Ventas **VARCHAR** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

Columns Transformati Transformation Description

on Logic

**Definition** 

Dirección del cliente.

Note

Dirección del cliente.

**Column Properties** 

Data Type VARCHAR(100) Width 100 Scale

Nullable NO Unsigned NO

**Growth Metrics** 

Average Width 101 Percent Null 0

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **DNICliente**

**Column Name DNICliente Table Name** Ventas Attribute Name **DNICliente Logical Role** Name **Role Name Physical Only** NO **Domain Primary Key** NO Foreign Key **Parent Table** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules Rule Text/Value** Name **Type Where Used** Model Name **Base Entity Datatype** Logical **DNICliente** Ventas **VARCHAR** Fisico GestionPagos **DNICliente** Ventas **VARCHAR** (MySQL) **User-Defined Mappings** Model Name **Base Entity** Description **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

Columns Transformati Transformation Description

on Logic

#### **Definition**

Número de documento del cliente.

#### Note

Número de documento del cliente.

#### **Column Properties**

Data Type VARCHAR(10) Width 10 Scale

Nullable NO Unsigned NO

#### **Growth Metrics**

Average Width 11 Percent Null 0

#### **Domain Restrictions**

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

### NumTarjetaCliente

**Column Name** NumTarjetaCliente **Table Name** Ventas **Attribute Name** NumTarjetaCliente **Logical Role** Name **Role Name Physical Only** NO Domain **Primary Key** NO Foreign Key **Parent Table** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model **Base Entity Datatype** Logical NumTarjetaCliente Ventas **VARCHAR** Fisico GestionPagos NumTarjetaCliente **VARCHAR** Ventas (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformation Description** Columns **Transformati** on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

Columns Transformati Transformation Description

on Logic

**Definition** 

Número de tarjeta del cliente.

Note

Número de tarjeta del cliente.

**Column Properties** 

Data Type VARCHAR(20) Width 20 Scale

Nullable NO Unsigned NO

**Growth Metrics** 

Average Width 21 Percent Null 0

**Domain Restrictions** 

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **EstadoVenta**

**Column Name** EstadoVenta **Table Name** Ventas Attribute Name EstadoVenta **Logical Role** Name **Role Name Physical Only** NO **Domain Primary Key** NO Foreign Key **Parent Table** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical EstadoVenta Ventas CHAR Fisico GestionPagos EstadoVenta Ventas **CHAR** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** 

**Secondary Source Mappings** 

Columns Transformati Transformation Description

**Transformati** 

on Logic

**Transformation Description** 

on Logic

**Direct Target Mappings** 

Columns

Columns Transformati Transformation Description

on Logic

Columns Transformati Transformation Description

on Logic

#### **Definition**

Estado de la venta A: En Edición - P: Pendiente - C: Baja - F: Finalizado.

#### Note

Estado de la venta A: En Edición - P: Pendiente - C: Baja - F: Finalizado.

#### **Column Properties**

Data Type CHAR(1) Width 1 Scale

Nullable NO Unsigned NO

#### **Growth Metrics**

Average Width --Percent Null 0

#### **Domain Restrictions**

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

#### **Observaciones**

**Column Name** Observaciones **Table Name** Ventas **Attribute Name** Observaciones **Logical Role** Name **Role Name Physical Only** NO **Domain Primary Key** NO Foreign Key **Parent Table** NO **Security Properties Current Value** Name **Bound Attachments Current Value** Name **Data Movement Rules** Rule Text/Value Name **Type Where Used** Model Name **Base Entity Datatype** Logical Observaciones Ventas TEXT Fisico GestionPagos Observaciones Ventas **TEXT** (MySQL) **User-Defined Mappings** Model **Base Entity** Description Name **Datatype Direct Source Mappings** Columns **Transformati Transformation Description** on Logic **Secondary Source Mappings Transformati Transformation Description** Columns on Logic **Direct Target Mappings** 

**Transformati** 

on Logic

**Transformation Description** 

Columns

Columns Transformati Transformation Description

on Logic

#### **Definition**

Observaciones de la venta (Opcional).

#### Note

Observaciones de la venta (Opcional).

#### **Column Properties**

Data Type TEXT Width Scale

Nullable YES Unsigned NO

#### **Growth Metrics**

Average Width 2048 Percent Null 0

#### **Domain Restrictions**

**Check Constraint** 

**Check Constraint** 

Name

**Bound Rule** 

**Declared Default** 

**Bound Default** 

# **Index Summary Report**

Table Name	Index Name	Fulltext	Unique
Comercios	PK1	NO	YES
Comercios	UI_Comercio	NO	YES
MediosPago	PK3	NO	YES
MediosPago	UI_MedioPago	NO	YES
Planes	PK4	NO	YES
Planes	UI_ldPlan	NO	YES
Planes	UI_Codigo	NO	YES
PlanesComercio	PK6	NO	YES
PlanesComercio	UI_IdPlanComercio	NO	YES
PlanesComercio	UI_ldComercioldPlan	NO	YES
Usuarios	UI_IdUsuario	NO	YES
Usuarios	UI_DNI	NO	YES
Usuarios	IX_NombresApellidos	NO	NO
Usuarios	PK2	NO	YES
Ventas	IX_DNI	NO	NO
Ventas	PK5	NO	YES
Ventas	IX_FechaAlta	NO	NO

# **Index Detail Reports**

# PK1

Index Name PK1

Table Name Comercios

Physical Only NO NO NO

Index Type PrimaryKey

Unique YES

Index Keys IdComercio

#### **Bound Attachments**

Name	Current Value	
Index Keys		_
Index Key IdComercio	Sort Order	
DDL Code		

# **UI\_Comercio**

Index Name UI\_Comercio Table Name Comercios

Physical Only NO
Fulltext NO
Index Type Index
Unique YES
Index Keys Comercio

#### **Bound Attachments**

Name	Current Value	
Index Keys		
Index Key Comercio	Sort Order	

**DDL Code** 

CREATE UNIQUE INDEX UI\_Comercio ON Comercios(Comercio)
;

# PK3

**Index Name** PK3

**Table Name** MediosPago

Physical Only Fulltext NO NO

Index Type PrimaryKey

YES

Unique Index Keys IdMedioPago

### **Bound Attachments**

Name	Current Value	
Index Keys		
Index Key IdMedioPago	Sort Order	
DDL Code		

# **UI\_MedioPago**

UI\_MedioPago **Index Name** Table Name MediosPago

Physical Only NO Fulltext NO Index Type Index Unique YES

Index Keys MedioPago

#### **Bound Attachments**

Name	Current Value	
Index Keys		
Index Key MedioPago	Sort Order	

#### **DDL Code**

CREATE UNIQUE INDEX UI MedioPago ON MediosPago (MedioPago)

# PK4

Index Name Table Name Physical Only Fulltext Index Type PK4 Planes NO NO

PrimaryKey YES

Unique Index Keys IdPlan,IdMedioPago

### **Bound Attachments**

Name	Current Value	
Index Keys		
Index Key IdPlan IdMedioPago	Sort Order	
DDL Code		

# **UI\_IdPlan**

Index NameUI\_IdPlanTable NamePlanesPhysical OnlyNOFulltextNOIndex TypeIndexUniqueYESIndex KeysIdPlan

#### **Bound Attachments**

Name Current Value

### **Index Keys**

Index Key Sort Order IdPlan

#### **DDL Code**

CREATE UNIQUE INDEX UI\_IdPlan ON Planes(IdPlan)
;

# **UI\_Codigo**

Index Name UI\_Codigo
Table Name Planes
Physical Only NO
Fulltext NO
Index Type Index
Unique YES
Index Keys Codigo

#### **Bound Attachments**

Name Current Value

**Index Keys** 

Index Key Sort Order Codigo

#### **DDL Code**

CREATE UNIQUE INDEX UI\_Codigo ON Planes(Codigo)
:

### PK6

Index Name PK6

Table Name PlanesComercio

Physical Only NO Fulltext NO

Index Type PrimaryKey

Unique YES

Index Keys IdPlanComercio,IdComercio,IdPlan,IdMedioPago

#### **Bound Attachments**

Name Current Value

**Index Keys** 

Index Key Sort Order

IdPlanComercio IdComercio IdPlan IdMedioPago

**DDL Code** 

# UI\_IdPlanComercio

Index NameUI\_IdPlanComercioTable NamePlanesComercio

Physical Only NO Fulltext NO Index Type Unique YES

Index Keys IdPlanComercio

#### **Bound Attachments**

Name Current Value

#### **Index Keys**

Index Key Sort Order

IdPlanComercio

#### **DDL Code**

CREATE UNIQUE INDEX UI\_IdPlanComercio ON PlanesComercio(IdPlanComercio)

# **UI\_IdComercioldPlan**

Index NameUI\_IdComercioIdPlanTable NamePlanesComercio

Physical Only NO Fulltext NO Index Type Unique YES

Index Keys IdComercio, IdPlan

#### **Bound Attachments**

Name	Current Value	
Index Keys		
Index Key IdComercio	Sort Order	

# ldPlan DDL Code

CREATE UNIQUE INDEX UI\_IdComercioIdPlan ON
PlanesComercio(IdComercio, IdPlan)
.

# **UI\_IdUsuario**

Index Name UI\_IdUsuario
Table Name Usuarios
Physical Only NO
Fulltext NO
Index Type Index
Unique YES
Index Keys IdUsuario

#### **Bound Attachments**

Name	Current Value	
Index Keys		
Index Key IdUsuario	Sort Order	
DDL Code		

CREATE UNIQUE INDEX UI\_IdUsuario ON Usuarios(IdUsuario)

# UI\_DNI

Index Name UI\_DNI
Table Name Usuarios
Physical Only NO
Fulltext NO
Index Type Index
Unique YES
Index Keys DNI

#### **Bound Attachments**

Name Current Value

**Index Keys** 

Index Key Sort Order

DNI

#### **DDL Code**

CREATE UNIQUE INDEX UI\_DNI ON Usuarios(DNI)
:

# IX\_NombresApellidos

Index Name IX\_NombresApellidos

Table Name Usuarios
Physical Only NO
Fulltext NO
Index Type Index
Unique NO

Index Keys Nombres, Apellidos

#### **Bound Attachments**

Name	Current Value	
Index Keys		
Index Key Nombres Apellidos	Sort Order	
DDL Code		

CREATE INDEX IX\_NombresApellidos ON Usuarios(Nombres, Apellidos);

# PK2

**Index Name** PK2 **Table Name** Usuarios Physical Only Fulltext NO NO

PrimaryKey YES Index Type

Unique Index Keys IdUsuario,IdComercio

### **Bound Attachments**

Name	Current Value	
Index Keys		
Index Key IdUsuario IdComercio	Sort Order	
DDL Code		

# IX\_DNI

**Index Name** IX\_DNI Table Name Ventas Physical Only Fulltext NO NO Index Type Index Unique Index Keys NO

**DNICliente** 

#### **Bound Attachments**

Name	Current Value	
Index Keys		
Index Key DNICliente	Sort Order	

# **DDL Code**

```
CREATE INDEX IX DNI ON Ventas(DNICliente)
```

# PK5

Index Name Table Name Physical Only Fulltext Index Type Unique Index Keys PK5 Ventas NO NO

PrimaryKey YES IdVenta

### **Bound Attachments**

Name	Current Value	
Index Keys		
Index Key IdVenta	Sort Order	
DDI Code		

# IX\_FechaAlta

IX\_FechaAlta **Index Name** 

**Table Name** Ventas Physical Only NO Fulltext NO Index Type Index Unique NO

Index Keys FechaAlta

#### **Bound Attachments**

Name	Current Value
Index Keys	

**Index Key Sort Order** FechaAlta

#### **DDL Code**

CREATE INDEX IX FechaAlta ON Ventas(FechaAlta)

# Foreign Key Summary Report

Parent Table	Child Table	Туре	No. of Keys
Comercios	Usuarios	Identifying	1
Usuarios	Ventas	Non-Identifying	2
PlanesComercio	Ventas	Non-Identifying	4
MediosPago	Planes	Identifying	1
Planes	PlanesComercio	Identifying	2
Comercios	PlanesComercio	Identifying	1

### Foreign Key Detail Reports

# Foreign Key: Comercios to Usuarios

Name Name

Type Identifying
Do Not Generate False
Physical Only NO

Parent Table Comercios
Child Table Usuarios

**Cardinality** One To Zero or More

**Existence** Mandatory **Propagated Key** Primary Key

#### **Bound Attachments**

Name Current Value

#### **Foreign Key Description**

Verb Sentence Inverse Verb Sentence Definition Note

#### **Keys**

Parent Key Child Key IdComercio IdComercio

#### **Trigger Templates**

Trigger Event Trigger Action

### Foreign Key: Usuarios to Ventas

Name Name

Type Non-Identifying

Do Not GenerateFalsePhysical OnlyNOParent TableUsuariosChild TableVentas

**Cardinality** One To Zero or More

Existence Mandatory
Propagated Key Primary Key

#### **Bound Attachments**

Name Current Value

#### **Foreign Key Description**

Verb Sentence Inverse Verb Sentence Definition Note

#### **Keys**

Parent KeyChild KeyIdUsuarioIdUsuarioIdComercioIdComercio

#### **Trigger Templates**

Trigger Event Trigger Action

### Foreign Key: PlanesComercio to Ventas

Name Name

Type Non-Identifying

**Do Not Generate** False **Physical Only** NO

Parent Table PlanesComercio

Child Table Ventas

**Cardinality** Zero or One to Zero or More

**Existence** Optional Propagated Key Primary Key

#### **Bound Attachments**

Name

#### **Current Value**

#### **Foreign Key Description**

Verb Sentence Inverse Verb Sentence Definition Note

#### **Keys**

Parent Key
IdPlanComercio
IdComercio
IdPlan
IdMedioPago

Child Key IdPlanComercio IdComercio

IdPlan IdMedioPago

#### **Trigger Templates**

Trigger Event Trigger Action

### Foreign Key: MediosPago to Planes

Name Name

Type Identifying
Do Not Generate False
Physical Only NO

Parent Table MediosPago
Child Table Planes

**Cardinality** One To Zero or More

Existence Mandatory
Propagated Key Primary Key

#### **Bound Attachments**

Name Current Value

#### **Foreign Key Description**

Verb Sentence Inverse Verb Sentence Definition Note

#### **Keys**

Parent Key Child Key IdMedioPago IdMedioPago

#### **Trigger Templates**

Trigger Event Trigger Action

### Foreign Key: Planes to PlanesComercio

Name Name

Type Identifying
Do Not Generate False
Physical Only NO
Parent Table Planes

Child TablePlanesComercioCardinalityOne To Zero or More

Existence Mandatory
Propagated Key Primary Key

#### **Bound Attachments**

Name Current Value

#### **Foreign Key Description**

Verb Sentence Inverse Verb Sentence Definition Note

#### **Keys**

Parent KeyChild KeyIdPlanIdPlanIdMedioPagoIdMedioPago

#### **Trigger Templates**

Trigger Event Trigger Action

## Foreign Key: Comercios to PlanesComercio

Name Name

Type Identifying
Do Not Generate False
Physical Only NO

Parent Table Comercios
Child Table PlanesComercio
Cardinality One To Zero or More

**Existence** Mandatory **Propagated Key** Primary Key

#### **Bound Attachments**

Name Current Value

#### **Foreign Key Description**

Verb Sentence Inverse Verb Sentence Definition Note

#### **Keys**

Parent Key Child Key IdComercio IdComercio

#### **Trigger Templates**

Trigger Event Trigger Action