

Diccionario de Datos

Design Name	Diagrama de Clases
Version Date	11.04.2018 06:45:01
Version Comment	
Model Name	script_JDeveloper_Oracle

Table Name	CLIENTE
Functional Name	CLIENTE
Abbreviation	
Classification Type Name	
Object Type Name	
MV Prebuilt	
MV Query	

Number Of Columns	8
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	ID_CLIENTE	P		Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
2	CEDULA			Y	NUMERIC (9)	DOM	NUMERIC_9_0_0			
3	NOMBRE			Y	VARCHAR (30)	DOM	VARCHAR_0_0_30			
4	DIRECCION			Y	VARCHAR (30)	DOM	VARCHAR_0_0_30	'Sin direccion'		
5	ID_REGISTRO			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
6	FECHA_REGISTRO			Y	Date	DOM	Date_0_0_0	getdate()		
7	ID_ULT_MOD			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
8	FECHA_ULT_MOD			Y	Date	DOM	Date_0_0_0	getdate()		

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
PK_CLIENTE	PK				ID_CLIENTE	ASC
UK_CLNT_CEDULA	UK				CEDULA	ASC

Foreign Keys (referred from)

Name	Referred From	Mandatory	Transferable	In Arc	Columns	Referred Columns	Delete Rule
CLIENTE_EMAIL_CLIENTE_FK1	CLIENTE_EMAIL	Y	Y		ID_CLIENTE	ID_CLIENTE	
FK_CLNT_TEL_CLIENT_ID_CLIENTE	CLIENTE_TELEFONO	Y	Y		ID_CLIENTE	ID_CLIENTE	

Name	Referred From	Mandatory	Transferable	In Arc	Columns	Referred Columns	Delete Rule
FK_CONT_CLNT_ID_CLIENTE	CONTRATO	Y	Y		ID_CLIENTE	ID_CLIENTE	

Table Name	CLIENTE_EMAIL
Functional Name	CLIENTE EMAIL
Abbreviation	
Classification Type Name	
Object Type Name	
MV Prebuilt	
MV Query	

Number Of Columns	6
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	CORREO	P		Y	VARCHAR (30)	DOM	VARCHAR_0_0_30			
2	ID_CLIENTE		F	Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
3	ID_REGISTRO			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
4	FECHA_REGISTRO			Y	Date	DOM	Date_0_0_0	getdate()		
5	ID_ULT_MOD			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
6	FECHA_ULT_MOD			Y	Date	DOM	Date_0_0_0	getdate()		

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
CLIENTE_EMAIL_PK	PK				CORREO	ASC

Foreign Keys (referring to)

Name	Referring To	Mandatory	Transferable	In Arc	Columns	Referred Columns	Delete Rule
CLIENTE_EMAIL_CLIENTE_FK1	CLIENTE	Y	Y		ID_CLIENTE	ID_CLIENTE	

Table Name	CLIENTE_TELEFONO
Functional Name	CLIENTE TELEFONO
Abbreviation	
Classification Type Name	
Object Type Name	
MV Prebuilt	
MV Query	

Number Of Columns	6
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	TELEFONO	P		Y	NUMERIC (8)	DOM	NUMERIC_8_0_0			
2	ID_CLIENTE		F	Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
3	ID_REGISTRO			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
4	FECHA_REGISTRO			Y	Date	DOM	Date_0_0_0			
5	ID_ULT_MOD			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
6	FECHA_ULT_MOD			Y	Date	DOM	Date_0_0_0			

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
PK_CLIENTE_TELEFONO	PK				TELEFONO	ASC

Foreign Keys (referring to)

Name	Referring To	Mandatory	Transferable	In Arc	Columns	Referred Columns	Delete Rule
FK_CLNT_TEL_CLIENT_ID_CLIENTE	CLIENTE	Y	Y		ID_CLIENTE	ID_CLIENTE	

Table Name	CONTRATO
Functional Name	CONTRATO
Abbreviation	
Classification Type Name	
Object Type Name	
MV Prebuilt	
MV Query	

Number Of Columns	8
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	ID_CONTRATO	P		Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
2	ID_CLIENTE		F	Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
3	ID_PROYECTO		F	Y	VARCHAR (8)	DOM	VARCHAR_0_0_8			
4	PLAZO_MESES			Y	NUMERIC (6)	DOM	NUMERIC_6_0_0			
5	ID_REGISTRO			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
6	FECHA_REGISTRO			Y	Date	DOM	Date_0_0_0			
7	ID_ULT_MOD			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
8	FECHA_ULT_MOD			Y	Date	DOM	Date_0_0_0			

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
PK_CONTRATO	PK				ID_CONTRATO	ASC

Foreign Keys (referring to)

Name	Referring To	Mandatory	Transferable	In Arc	Columns	Referred Columns	Delete Rule
FK_CONT_CLNT_ID_CLIENTE	CLIENTE	Y	Y		ID_CLIENTE	ID_CLIENTE	
FK_CONT_PRY_ID_PROYECTO	PROYECTO	Y	Y		ID_PROYECTO	ID_PROYECTO	

Foreign Keys (referred from)

Name	Referred From	Mandatory	Transferable	In Arc	Columns	Referred Columns	Delete Rule
FK_CNT_CONT_ID_CONTRATO	CUENTAS_POR_COBRAR	Y	Y		ID_CONTRATO	ID_CONTRATO	

Table Name	CUENTAS_POR_COBRAR
Functional Name	CUENTAS POR COBRAR
Abbreviation	
Classification Type Name	
Object Type Name	
MV Prebuilt	
MV Query	

Number Of Columns	8
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	ID_CONTRATO	P	F	Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
2	ESTADO			Y	CHAR (1)	DOM	CHAR_0_0_1			
3	MONTO_TOTAL			Y	NUMERIC (10)	DOM	NUMERIC_10_0_0			
4	MONTO_PAGADO			Y	NUMERIC (10)	DOM	NUMERIC_10_0_0			
5	ID_REGISTRO			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
6	FECHA_REGISTRO			Y	Date	DOM	Date_0_0_0			
7	ID_ULT_MOD			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
8	FECHA_ULT_MOD			Y	Date	DOM	Date_0_0_0			

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
CUENTA_PK	PK				ID_CONTRATO	ASC

Constraints

Type	Column / Constraint Name	Details
Table Level	CK_CNT_ESTADO	ESTADO = 'P' OR ESTADO = 'C'

Foreign Keys (referring to)

Name	Referring To	Mandatory	Transferable	In Arc	Columns	Referred Columns	Delete Rule
FK_CNT_CONT_ID_CONTRATO	CONTRATO	Y	Y		ID_CONTRATO	ID_CONTRATO	

Table Name	EMPLEADO
Functional Name	EMPLEADO
Abbreviation	
Classification Type Name	
Object Type Name	
MV Prebuilt	
MV Query	

Number Of Columns	10
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	ID_EMPLEADO	P		Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
2	CEDULA			Y	NUMERIC (9)	DOM	NUMERIC_9_0_0			
3	FECHA_INGRESO			Y	Date	DOM	Date_0_0_0	getdate()		
4	NOMBRE			Y	VARCHAR (20)	DOM	VARCHAR_0_0_20			
5	TELEFONO			Y	NUMERIC (8)	DOM	NUMERIC_8_0_0			
6	DIRECCION			Y	VARCHAR (50)	DOM	VARCHAR_0_0_50	'Sin direccion'		
7	ID_REGISTRO			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
8	FECHA_REGISTRO			Y	Date	DOM	Date_0_0_0	getdate()		
9	ID_ULT_MOD			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
10	FECHA_ULT_MOD			Y	Date	DOM	Date_0_0_0	getdate()		

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
PK_EMPLEADO	PK				ID_EMPLEADO	ASC
UK_CEDULA	UK				CEDULA	ASC

Constraints

Type	Column / Constraint Name	Details
Table Level	CK_EMP_FCH_REGISTRO	FECHA_REGISTRO = GETDATE()
	CK_EMP_FCH_ULT_MOD	FECHA_ULT_MOD = GETDATE()

Foreign Keys (referred from)

Name	Referred From	Mandatory	Transferable	In Arc	Columns	Referred Columns	Delete Rule
FK_EMP_PRY_ID_EMPLEADO	EMPLEADO_PROYECTO	Y	Y		ID_EMPLEADO	ID_EMPLEADO	
FK_H_TRAB_EMP_ID_EMPLEADO	HORAS TRABAJADAS	Y	Y		ID_EMPLEADO	ID_EMPLEADO	
FK_LOGIN_EMPLEADO	LOGIN	Y	Y		ID_EMPLEADO	ID_EMPLEADO	
PROYECTO_SUPERVISOR_FK1	PROYECTO_SUPERVISOR	Y	Y		ID_EMPLEADO	ID_EMPLEADO	

Table Name	EMPLEADO_PROYECTO
Functional Name	EMPLEADO PROYECTO
Abbreviation	
Classification Type Name	
Object Type Name	
MV Prebuilt	
MV Query	

Number Of Columns	6
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	ID_PROYECTO	P	F	Y	VARCHAR (8)	DOM	VARCHAR_0_0_8			
2	ID_EMPLEADO	P	F	Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
3	ID_REGISTRO			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
4	FECHA_REGISTRO			Y	Date	DOM	Date_0_0_0			
5	ID_ULT_MOD			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
6	FECHA_ULT_MOD			Y	Date	DOM	Date_0_0_0			

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
PK_EMP_PRY	PK				ID_EMPLEADO	ASC
					ID_PROYECTO	ASC

Foreign Keys (referring to)

Name	Referring To	Mandatory	Transferable	In Arc	Columns	Referred Columns	Delete Rule
FK_EMP_PRY_ID_EMPLEADO	EMPLEADO	Y	Y		ID_EMPLEADO	ID_EMPLEADO	
FK_EMP_PRY_ID_PROYECTO	PROYECTO	Y	Y		ID_PROYECTO	ID_PROYECTO	

Table Name	FACTURA
Functional Name	FACTURA
Abbreviation	
Classification Type Name	
Object Type Name	
MV Prebuilt	
MV Query	

Number Of Columns	12
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	ID_FACTURA	P		Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
2	ID_PROVEEDOR		F	Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
3	ID_PROYECTO		F	Y	VARCHAR (8)	DOM	VARCHAR_0_0_8			
4	MONTO_TOTAL			Y	NUMERIC (10)	DOM	NUMERIC_10_0_0			
5	SALDO_PENDIENTE			Y	NUMERIC (10)	DOM	NUMERIC_10_0_0			
6	FECHA_FACTURA			Y	Date	DOM	Date_0_0_0			
7	FECHA_VENCIMIENTO			Y	Date	DOM	Date_0_0_0			
8	QUINCENA			Y	Date	DOM	Date_0_0_0			
9	ID_REGISTRO			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
10	FECHA_REGISTRO			Y	Date	DOM	Date_0_0_0			
11	ID_ULT_MOD			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
12	FECHA_ULT_MOD			Y	Date	DOM	Date_0_0_0			

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
PK_FACTURA	PK				ID_FACTURA	ASC

Constraints

Type	Column / Constraint Name	Details
Table Level	CK_FACTURA_FCH	FECHA_FACTURA = GETDATE()
	CK_FACTURA_ULT_MOD	FECHA_ULT_MOD = GETDATE()

Foreign Keys (referring to)

Name	Referring To	Mandatory	Transferable	In Arc	Columns	Referred Columns	Delete Rule
FK_FACT_PROV_ID_PROVEEDOR	PROVEEDOR	Y	Y		ID_PROVEEDOR	ID_PROVEEDOR	
FK_FACT_PRY_ID_PROYECTO	PROYECTO	Y	Y		ID_PROYECTO	ID_PROYECTO	

Foreign Keys (referred from)

Name	Referred From	Mandatory	Transferable	In Arc	Columns	Referred Columns	Delete Rule
LINEA_FACTURA_FACTURA_FK	LINEA_FACTURA	Y	Y		ID_FACTURA	ID_FACTURA	

Table Name	HORAS_TRABAJADAS
Functional Name	HORAS TRABAJADAS
Abbreviation	
Classification Type Name	
Object Type Name	
MV Prebuilt	
MV Query	

Number Of Columns	10
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	ID_PROYECTO			Y	VARCHAR (8)	DOM	VARCHAR_0_0_8			
2	CANTIDAD_DE_HORAS			Y	NUMERIC (6)	DOM	NUMERIC_6_0_0	1		
3	QUINCENA			Y	Date	DOM	Date_0_0_0			
4	ESTADO			Y	CHAR (1)	DOM	CHAR_0_0_1	'P'		
5	ID_EMPLEADO		F	Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
6	SALARIO_HORA			Y	NUMERIC (10)	DOM	NUMERIC_10_0_0			
7	ID_REGISTRO			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
8	FECHA_REGISTRO			Y	Date	DOM	Date_0_0_0	getdate()		
9	ID_ULT_MOD			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
10	FECHA_ULT_MOD			Y	Date	DOM	Date_0_0_0	getdate()		

Constraints

Type	Column / Constraint Name	Details
Table Level	CK_H_TRAB_ESTADO	ESTADO = 'P' OR ESTADO = 'C'

Foreign Keys (referring to)

Name	Referring To	Mandatory	Transferable	In Arc	Columns	Referred Columns	Delete Rule
FK_H_TRAB_EMP_ID_EMPLEADO	EMPLEADO	Y	Y		ID_EMPLEADO	ID_EMPLEADO	

Table Name	LINEA_FACTURA
Functional Name	LINEA FACTURA
Abbreviation	
Classification Type Name	
Object Type Name	
MV Prebuilt	
MV Query	

Number Of Columns	6
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	ID_FACTURA	P	F	Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
2	ID_LINEA	P		Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
3	ID_REGISTRO			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
4	FECHA_REGISTRO			Y	Date	DOM	Date_0_0_0			
5	ID_ULT_MOD			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
6	FECHA_ULT_MOD			Y	Date	DOM	Date_0_0_0			

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
PK_LINEA_FACTURA	PK				ID_FACTURA	ASC
					ID_LINEA	ASC
LINEA_ID_FACTURA	UK				ID_FACTURA	ASC

Constraints

Type	Column / Constraint Name	Details
Table Level	CK_L_F_FCH_REGISTRO	FECHA_REGISTRO = GETDATE()
	CK_L_F_FCH_ULT_MOD	FECHA_ULT_MOD = GETDATE()

Foreign Keys (referring to)

Name	Referring To	Mandatory	Transferable	In Arc	Columns	Referred Columns	Delete Rule
LINEA_FACTURA_FACTURA_FK	FACTURA	Y	Y		ID_FACTURA	ID_FACTURA	

Foreign Keys (referred from)

Name	Referred From	Mandatory	Transferable	In Arc	Columns	Referred Columns	Delete Rule
FK_L_MAT_PROV_FACT_ID_FACTURA	L_MAT_PROVEEDOR	Y	Y		ID_FACTURA	ID_FACTURA	
FK_L_SER_PROV_FACT_ID_FACTURA	L_SER_PROVEEDOR	Y	Y		ID_FACTURA	ID_FACTURA	

Table Name	LOGIN
Functional Name	LOGIN
Abbreviation	
Classification Type Name	
Object Type Name	
MV Prebuilt	
MV Query	

Number Of Columns	7
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	LOGIN	P		Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
2	ID_EMPLEADO		F	Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
3	PASSWORD			Y	VARCHAR (20)	DOM	VARCHAR_0_0_20			
4	ID_REGISTRO			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
5	FECHA_REGISTRO			Y	Date	DOM	Date_0_0_0	getdate()		
6	ID_ULT_MOD			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
7	FECHA_ULT_MOD			Y	Date	DOM	Date_0_0_0	getdate()		

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
PK_LOGIN	PK				LOGIN	ASC

Foreign Keys (referring to)

Name	Referring To	Mandatory	Transferable	In Arc	Columns	Referred Columns	Delete Rule
FK_LOGIN_EMPLEADO	EMPLEADO	Y	Y		ID_EMPLEADO	ID_EMPLEADO	

Table Name	L_MAT_PROVEEDOR
Functional Name	L MAT PROVEEDOR
Abbreviation	
Classification Type Name	
Object Type Name	
MV Prebuilt	
MV Query	

Number Of Columns	11
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	CODIGO	P	F	Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
2	ID_FACTURA	P	F	Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
3	ID_LINEA	P		Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
4	ID_PROVEEDOR	P		Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
5	CANTIDAD			Y	NUMERIC (6)	DOM	NUMERIC_6_0_0			
6	COSTO_UNITARIO			Y	NUMERIC (10)	DOM	NUMERIC_10_0_0			
7	UNIDAD_MEDIDA			Y	CHAR (5)	DOM	CHAR_0_0_5			
8	ID_REGISTRO			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
9	FECHA_REGISTRO			Y	Date	DOM	Date_0_0_0			
10	ID_ULT_MOD			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
11	FECHA_ULT_MOD			Y	Date	DOM	Date_0_0_0			

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
PK_L_MAT_PROVEEDOR	PK				ID_FACTURA	ASC
					ID_LINEA	ASC
					ID_PROVEEDOR	ASC

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
					CODIGO	ASC

Foreign Keys (referring to)

Name	Referring To	Mandatory	Transferable	In Arc	Columns	Referred Columns	Delete Rule
FK_L_MAT_PROV_FACT_ID_FACTURA	LINEA_FACTURA	Y	Y		ID_FACTURA	ID_FACTURA	
FK_L_MAT_PROVEEDOR	MAT_PROVEEDOR	Y	Y		CODIGO	CODIGO	

Table Name	L_SER_PROVEEDOR
Functional Name	L SER PROVEEDOR
Abbreviation	
Classification Type Name	
Object Type Name	
MV Prebuilt	
MV Query	

Number Of Columns	11
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	CODIGO	P	F	Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
2	ID_FACTURA	P	F	Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
3	ID_LINEA	P		Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
4	ID_PROVEEDOR	P		Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
5	COSTO_UNITARIO			Y	NUMERIC (10)	DOM	NUMERIC_10_0_0			
6	CANTIDAD			Y	NUMERIC (6)	DOM	NUMERIC_6_0_0			
7	UNIDAD_MEDIDA			Y	CHAR (4)	DOM	CHAR_0_0_4			
8	ID_REGISTRO			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
9	FECHA_REGISTRO			Y	Date	DOM	Date_0_0_0			
10	ID_ULT_MOD			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
11	FECHA_ULT_MOD			Y	Date	DOM	Date_0_0_0			

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
PK_L_SER_PROVEEDOR	PK				ID_PROVEEDOR	ASC
					ID_LINEA	ASC
					ID_FACTURA	ASC

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
					CODIGO	ASC
UK_L_SER_PROVEEDOR	UK				ID_LINEA	ASC

Foreign Keys (referring to)

Name	Referring To	Mandatory	Transferable	In Arc	Columns	Referred Columns	Delete Rule
FK_L_SER_PROV_FACT_ID_FACTURA	LINEA_FACTURA	Y	Y		ID_FACTURA	ID_FACTURA	
FK_L_SER_PROVEEDOR	SERV_PROVEEDOR	Y	Y		CODIGO	CODIGO	

Table Name	MATERIAL
Functional Name	MATERIAL
Abbreviation	
Classification Type Name	
Object Type Name	
MV Prebuilt	
MV Query	

Number Of Columns	7
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	CODIGO	P		Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
2	DESCRIPCION			Y	VARCHAR (40)	DOM	VARCHAR_0_0_40	'Sin descripcion'		
3	U_COSTO_COLONES			Y	NUMERIC (9)	DOM	NUMERIC_9_0_0			
4	ID_REGISTRO			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
5	FECHA_REGISTRO			Y	Date	DOM	Date_0_0_0	GETDATE()		
6	ID_ULT_MOD			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
7	FECHA_ULT_MOD			Y	Date	DOM	Date_0_0_0	GETDATE()		

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
MATERIAL_PK	PK				CODIGO	ASC

Foreign Keys (referred from)

Name	Referred From	Mandatory	Transferable	In Arc	Columns	Referred Columns	Delete Rule
FK_MAT_PROV_MAT_CODIGO	MAT_PROVEEDOR	Y	Y		CODIGO	CODIGO	

Table Name	MAT_PROVEEDOR
Functional Name	MAT PROVEEDOR
Abbreviation	
Classification Type Name	
Object Type Name	
MV Prebuilt	
MV Query	

Number Of Columns	7
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	ID_PROVEEDOR	P	F	Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
2	CODIGO	P	F	Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
3	CODIGO_MAT_PROV	P		Y	VARCHAR (10)	DOM	VARCHAR_0_0_10			
4	ID_REGISTRO			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
5	FECHA_REGISTRO			Y	Date	DOM	Date_0_0_0			
6	ID_ULT_MOD			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
7	FECHA_ULT_MOD			Y	Date	DOM	Date_0_0_0			

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
PK_MAT_PROVEEDOR	PK				CODIGO	ASC
					ID_PROVEEDOR	ASC
					CODIGO_MAT_PROV	ASC
MAT_PROVEEDOR_UK1	UK				CODIGO	ASC

Foreign Keys (referring to)

Name	Referring To	Mandatory	Transferable	In Arc	Columns	Referred Columns	Delete Rule
FK_MAT_PROV_MAT_CODIGO	MATERIAL	Y	Y		CODIGO	CODIGO	

Name	Referring To	Mandatory	Transferable	In Arc	Columns	Referred Columns	Delete Rule
FK_MAT_PROV_PROV_ID_PROVEEDOR	PROVEEDOR	Y	Y		ID_PROVEEDOR	ID_PROVEEDOR	

Foreign Keys (referred from)

Name	Referred From	Mandatory	Transferable	In Arc	Columns	Referred Columns	Delete Rule
FK_L_MAT_PROVEEDOR	L_MAT_PROVEEDOR	Y	Y		CODIGO	CODIGO	

Table Name	PROVEEDOR
Functional Name	PROVEEDOR
Abbreviation	
Classification Type Name	
Object Type Name	
MV Prebuilt	
MV Query	

Number Of Columns	8
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	ID_PROVEEDOR	P		Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
2	NBR_PROVEEDOR			Y	VARCHAR (30)	DOM	VARCHAR_0_0_30			
3	DIRECCION			Y	VARCHAR (50)	DOM	VARCHAR_0_0_50	'Sin direccion'		
4	CEDULA			Y	NUMERIC (9)	DOM	NUMERIC_9_0_0			
5	ID_REGISTRO			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
6	FECHA_REGISTRO			Y	Date	DOM	Date_0_0_0	getdate()		
7	ID_U_MOD			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
8	FECHA_ULT_MOD			Y	Date	DOM	Date_0_0_0	GETDATE()		

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
PK_PROVEEDOR	PK				ID_PROVEEDOR	ASC
UK_PROV_CED	UK				CEDULA	ASC

Constraints

Type	Column / Constraint Name	Details
Table Level	CK_PROV_FCH_REGISTR	FECHA_REGISTRO = getdate()
	CK_PROV_FCH_U_MOD	FECHA_ULT_MOD = getdate()

Foreign Keys (referred from)

Name	Referred From	Mandatory	Transferable	In Arc	Columns	Referred Columns	Delete Rule
FK_EMAIL_PROV_ID_PROVEEDOR	PROVEEDOR_EMAIL	Y	Y		ID_PROVEEDOR	ID_PROVEEDOR	
FK_FACT_PROV_ID_PROVEEDOR	FACTURA	Y	Y		ID_PROVEEDOR	ID_PROVEEDOR	
FK_MAT_PROV_PROV_ID_PROVEEDOR	MAT_PROVEEDOR	Y	Y		ID_PROVEEDOR	ID_PROVEEDOR	
FK_PROV_SRVC_ID_PROVEEDOR	SERV_PROVEEDOR	Y	Y		ID_PROVEEDOR	ID_PROVEEDOR	
FK_TEL_PROV_ID_PROVEEDOR	PROVEEDOR_TELEFONO	Y	Y		ID_PROVEEDOR	ID_PROVEEDOR	

Table Name	PROVEEDOR_EMAIL
Functional Name	PROVEEDOR EMAIL
Abbreviation	
Classification Type Name	
Object Type Name	
MV Prebuilt	
MV Query	

Number Of Columns	6
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	CORREO	P		Y	VARCHAR (50)	DOM	VARCHAR_0_0_50			
2	ID_PROVEEDOR		F	Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
3	ID_REGISTRO			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
4	FECHA_REGISTRO			Y	Date	DOM	Date_0_0_0			
5	ID_ULT_MOD			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
6	FECHA_ULT_MOD			Y	Date	DOM	Date_0_0_0			

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
PK_EMAIL	PK				CORREO	ASC

Constraints

Type	Column / Constraint Name	Details
Table Level	CK_EMAIL_PROV_FCH_RE	FECHA_REGISTRO= GETDATE()
	CK_EMAIL_PROV_FCH_UL	FECHA_ULT_MOD = GETDATE()

Foreign Keys (referring to)

Name	Referring To	Mandatory	Transferable	In Arc	Columns	Referred Columns	Delete Rule
FK_EMAIL_PROV_ID_PROVEEDOR	PROVEEDOR	Y	Y		ID_PROVEEDOR	ID_PROVEEDOR	

Table Name	PROVEEDOR_TELEFONO
Functional Name	PROVEEDOR TELEFONO
Abbreviation	
Classification Type Name	
Object Type Name	
MV Prebuilt	
MV Query	

Number Of Columns	6
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	TELEFONO	P		Y	NUMERIC (8)	DOM	NUMERIC_8_0_0			
2	ID_PROVEEDOR		F	Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
3	ID_REGISTRO			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
4	FECHA_REGISTRO			Y	Date	DOM	Date_0_0_0			
5	ID_ULT_MOD			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
6	FECHA_ULT_MOD			Y	Date	DOM	Date_0_0_0			

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
PK_TELEFONO_PROVEEDOR	PK				TELEFONO	ASC

Foreign Keys (referring to)

Name	Referring To	Mandatory	Transferable	In Arc	Columns	Referred Columns	Delete Rule
FK_TEL_PROV_ID_PROVEEDOR	PROVEEDOR	Y	Y		ID_PROVEEDOR	ID_PROVEEDOR	

Table Name	PROYECTO
Functional Name	PROYECTO
Abbreviation	
Classification Type Name	
Object Type Name	
MV Prebuilt	
MV Query	

Number Of Columns	6
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	ID_PROYECTO	P		Y	VARCHAR (8)	DOM	VARCHAR_0_0_8			
2	DESCRIPCION			Y	VARCHAR (40)	DOM	VARCHAR_0_0_40	'Sin descripcion'		
3	ID_REGISTRO			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
4	FECHA_REGISTRO			Y	Date	DOM	Date_0_0_0			
5	ID_ULT_MOD			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
6	FECHA_ULT_MOD			Y	Date	DOM	Date_0_0_0			

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
PK_PROYECTO	PK				ID_PROYECTO	ASC

Foreign Keys (referred from)

Name	Referred From	Mandatory	Transferable	In Arc	Columns	Referred Columns	Delete Rule
FK_CONT_PRY_ID_PROYECTO	CONTRATO	Y	Y		ID_PROYECTO	ID_PROYECTO	
FK_EMP_PRY_ID_PROYECTO	EMPLEADO_PROYECTO	Y	Y		ID_PROYECTO	ID_PROYECTO	
FK_FACT_PRY_ID_PROYECTO	FACTURA	Y	Y		ID_PROYECTO	ID_PROYECTO	
PROYECTO_SUPERVISOR_FK2	PROYECTO_SUPERVISOR	Y	Y		ID_PROYECTO	ID_PROYECTO	

Table Name	PROYECTO_SUPERVISOR
Functional Name	PROYECTO SUPERVISOR
Abbreviation	
Classification Type Name	
Object Type Name	
MV Prebuilt	
MV Query	

Number Of Columns	8
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	FECHA_INICIO	P		Y	Date	DOM	Date_0_0_0			
2	ID_EMPLEADO	P	F	Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
3	ID_PROYECTO		F	Y	VARCHAR (8)	DOM	VARCHAR_0_0_8			
4	FECHA_FINAL			Y	Date	DOM	Date_0_0_0	2020-12-31		
5	ID_REGISTRO			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
6	FECHA_REGISTRO			Y	Date	DOM	Date_0_0_0	GetDate()		
7	ID_ULT_MOD			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
8	FECHA_ULT_MOD			Y	Date	DOM	Date_0_0_0	GetDate()		

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
PROYECTO_SUPERVISOR_PK	PK				FECHA_INICIO	ASC
					ID_EMPLEADO	ASC

Foreign Keys (referring to)

Name	Referring To	Mandatory	Transferable	In Arc	Columns	Referred Columns	Delete Rule
PROYECTO_SUPERVISOR_FK1	EMPLEADO	Y	Y		ID_EMPLEADO	ID_EMPLEADO	
PROYECTO_SUPERVISOR_FK2	PROYECTO	Y	Y		ID_PROYECTO	ID_PROYECTO	

Table Name	SERVICIO
Functional Name	SERVICIO
Abbreviation	
Classification Type Name	
Object Type Name	
MV Prebuilt	
MV Query	

Number Of Columns	6
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	CODIGO	P		Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
2	DESCRIPCION			Y		DOM		'Sin Descripcion'		
3	ID_REGISTRO			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
4	FECHA_REGISTRO			Y	Date	DOM	Date_0_0_0	getdate()		
5	ID_ULT_MOD			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
6	FECHA_ULT_MOD			Y	Date	DOM	Date_0_0_0	getdate()		

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
PK_SERVICIO	PK				CODIGO	ASC

Constraints

Type	Column / Constraint Name	Details
Table Level	CK_SRVC_FCH_REGISTRO	FECHA_REGISTRO = GETDATE()
	CK_SRVC_FCH_ULT_MOD	FECHA_ULT_MOD = GETDATE()

Foreign Keys (referred from)

Name	Referred From	Mandatory	Transferable	In Arc	Columns	Referred Columns	Delete Rule
FK_PROV_SRVC_CODIGO	SERV_PROVEEDOR	Y	Y		CODIGO	CODIGO	

Table Name	SERV_PROVEEDOR
Functional Name	SERV PROVEEDOR
Abbreviation	
Classification Type Name	
Object Type Name	
MV Prebuilt	
MV Query	

Number Of Columns	7
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	ID_PROVEEDOR	P	F	Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
2	CODIGO	P	F	Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
3	CODIGO_SERV_PROV	P		Y	VARCHAR (10)	DOM	VARCHAR_0_0_10			
4	ID_REGISTRO			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
5	FECHA_REGISTRO			Y	Date	DOM	Date_0_0_0	getdate()		
6	ID_ULT_MOD			Y	VARCHAR (6)	DOM	VARCHAR_0_0_6			
7	FECHA_ULT_MOD			Y	Date	DOM	Date_0_0_0	getdate()		

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
PK_PROV_SERVICIO	PK				CODIGO	ASC
					ID_PROVEEDOR	ASC
					CODIGO_SERV_PROV	ASC
SERV_PROVEEDOR_UK1	UK				CODIGO	ASC

Constraints

Type	Column / Constraint Name	Details
Table Level	CK_PROV_SRVC_FCH_REC	FECHA_REGISTRO = GETDATE()

Type	Column / Constraint Name	Details
	CK_PROV_SRVC_FCH_ULT	FECHA_ULT_MOD = GETDATE()

Foreign Keys (referring to)

Name	Referring To	Mandatory	Transferable	In Arc	Columns	Referred Columns	Delete Rule
FK_PROV_SRVC_CODIGO	SERVICIO	Y	Y		CODIGO	CODIGO	
FK_PROV_SRVC_ID_PROVEEDOR	PROVEEDOR	Y	Y		ID_PROVEEDOR	ID_PROVEEDOR	

Foreign Keys (referred from)

Name	Referred From	Mandatory	Transferable	In Arc	Columns	Referred Columns	Delete Rule
FK_L_SER_PROVEEDOR	L_SER_PROVEEDOR	Y	Y		CODIGO	CODIGO	