Sybase PowerDesigner
Logical Data Model Report

Model: ML_Banquito
Report: Diccionario_ML_Banquito

Table of Contents

The 'Table of Contents' field needs to be updated!

I Introduction
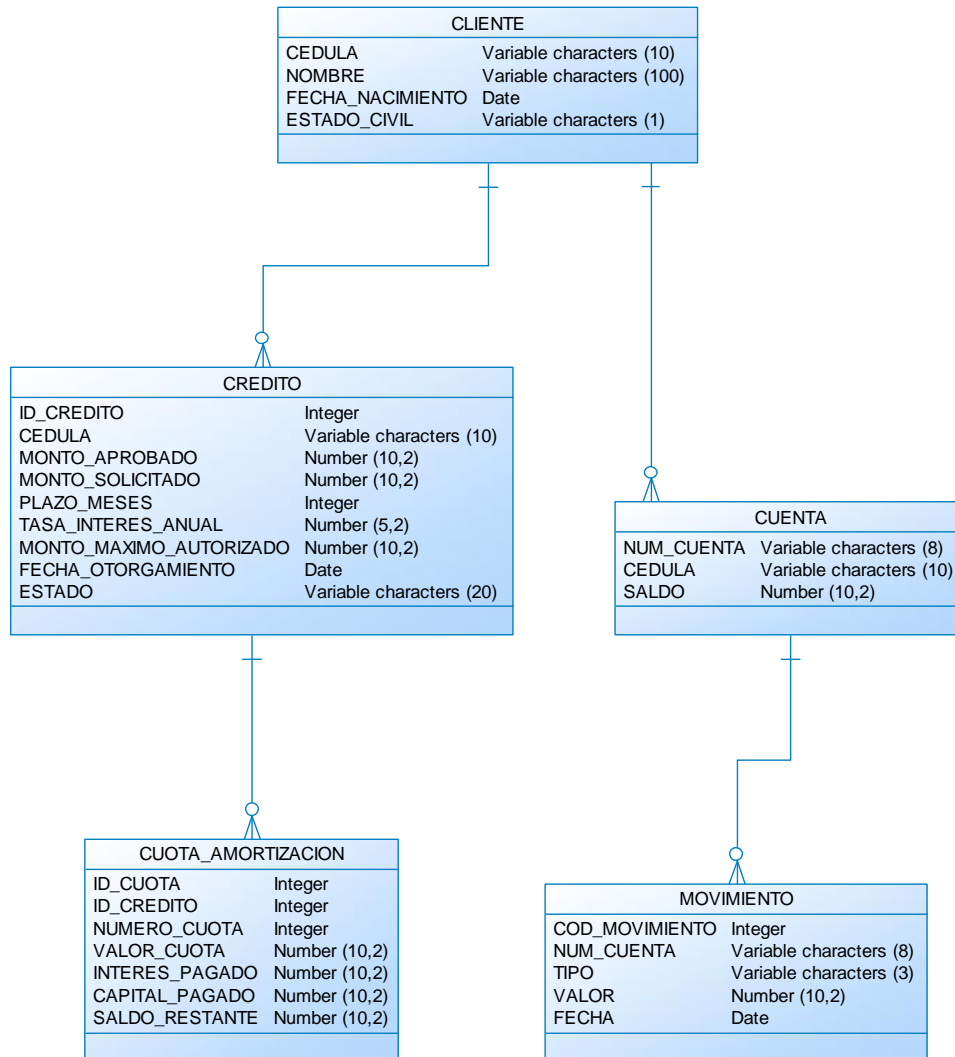
I.1 Description

I.2 Card of model ML_Banquito

Name	ML_Banquito
Code	ML_BANQUITO
Comment	
Author	
Version	

II Short model description

II.1 List of diagrams

Name	Code
ML_Banquito	ML_BANQUITO

II.2 Diagram ML_Banquito

CLIENTE

CEDULA	Variable characters (10)
NOMBRE	Variable characters (100)
FECHA_NACIMIENTO	Date
ESTADO_CIVIL	Variable characters (1)

CREDITO

ID_CREDITO	Integer
CEDULA	Variable characters (10)
MONTO_APROBADO	Number (10,2)
MONTO_SOLICITADO	Number (10,2)
PLAZO_MESES	Integer
TASA_INTERES_ANUAL	Number (5,2)
MONTO_MAXIMO_AUTORIZADO	Number (10,2)
FECHA_OTORGAMIENTO	Date
ESTADO	Variable characters (20)

CUENTA

NUM_CUENTA	Variable characters (8)
CEDULA	Variable characters (10)
SALDO	Number (10,2)

CUOTA_AMORTIZACION

ID_CUOTA	Integer
ID_CREDITO	Integer
NUMERO_CUOTA	Integer
VALOR_CUOTA	Number (10,2)
INTERES_PAGADO	Number (10,2)
CAPITAL_PAGADO	Number (10,2)
SALDO_RESTANTE	Number (10,2)

MOVIMIENTO

COD_MOVIMIENTO	Integer
NUM_CUENTA	Variable characters (8)
TIPO	Variable characters (3)
VALOR	Number (10,2)
FECHA	Date

II.2.1 List of entities in diagram

Name	Code	Parent	Generate	Number
CLIENTE	CLIENTE	Logical Data Model 'ML_Banquito'	X	
CREDITO	CREDITO	Logical Data Model	X	

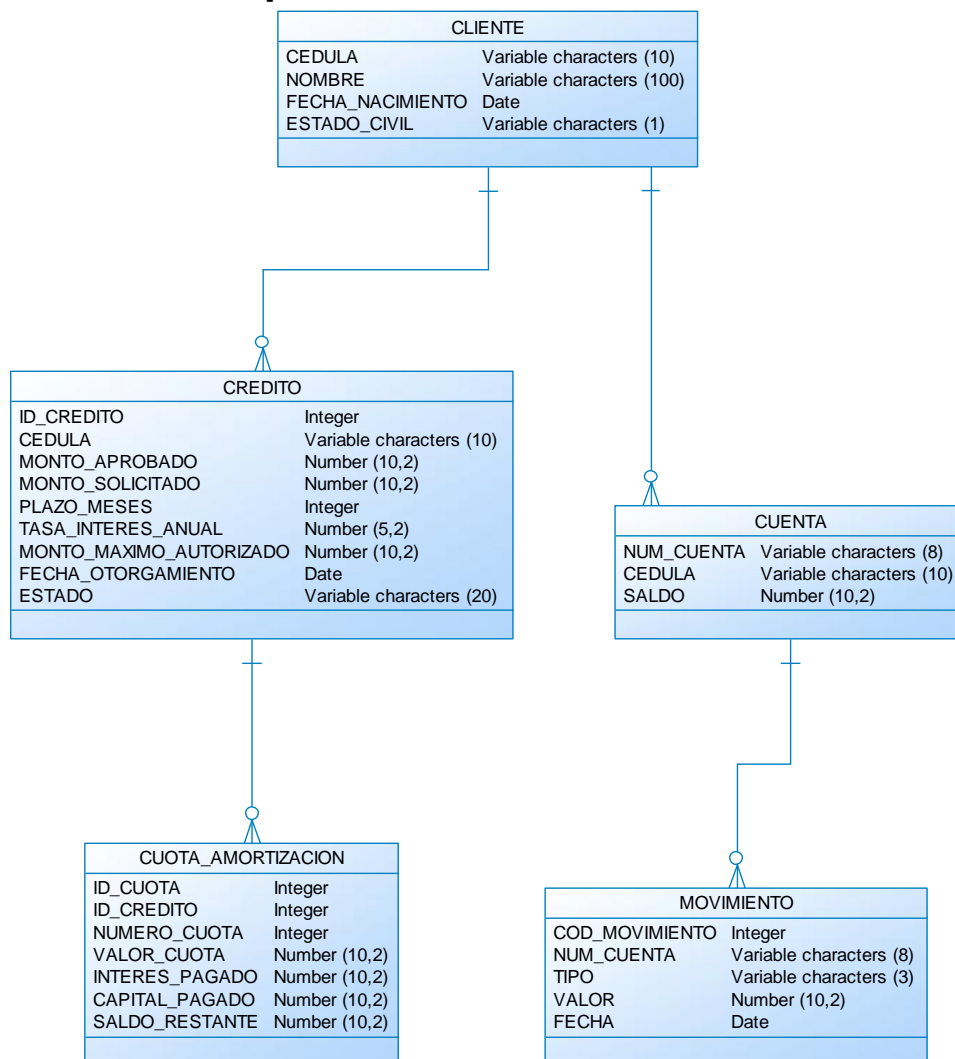|			
CUENTA	CUENTA	'ML_Banquito' Logical Data Model	X
CUOTA_AMORT IZACION	CUOTA_AMORTI ZACION	'ML_Banquito' Logical Data Model	X
MOVIMIENTO	MOVIMIENTO	'ML_Banquito' Logical Data Model 'ML_Banquito'	X

II.2.2 List of relationships in diagram

Name	Code	Parent	Generate	Entity 2	Entity 1	Depend ent Role	Entity 1 -> Entity 2 Role Cardinal ity	Entity 2 -> Entity 1 Role Cardinal ity
Referen nce_1	Referen ce_1	Logical Data Model 'ML_Ba nquito'	X	CUENT A	CLIEN TE		0,n	1,1
Referen nce_2	Referen ce_2	Logical Data Model 'ML_Ba nquito'	X	MOVI MIENT O	CUENT A		0,n	1,1
Referen nce_3	Referen ce_3	Logical Data Model 'ML_Ba nquito'	X	CREDI TO	CLIEN TE		0,n	1,1
Referen nce_4	Referen ce_4	Logical Data Model 'ML_Ba nquito'	X	CUOTA _AMO RTIZA CION	CREDI TO		0,n	1,1

III Full model description

III.1 List of diagrams

Name	Code
ML_Banquito	ML_BANQUITO

III.2 Diagram ML_Banquito

III.2.1 List of entities in diagram

Name	Code	Parent	Generate	Number
CLIENTE	CLIENTE	Logical Data Model 'ML_Banquito'	X	
CREDITO	CREDITO	Logical Data Model 'ML_Banquito'	X	

CUENTA	CUENTA	Logical Data Model 'ML_Banquito'	X	
CUOTA_AMORTIZACION	CUOTA_AMORTIZACION	Logical Data Model 'ML_Banquito'	X	
MOVIMIENTO	MOVIMIENTO	Logical Data Model 'ML_Banquito'	X	

III.2.1.1   Entity CLIENTE

III.2.1.1.1   Card of entity CLIENTE

Name	CLIENTE
Code	CLIENTE
Parent	Logical Data Model 'ML_Banquito'
Comment	
Generate	Yes
Number	

III.2.1.1.2   List of relationships of the entity CLIENTE

Name	Code	Generate	Entity 2	Entity 1	Dependent Role	Entity 1 -> Entity 2 Role Cardinality	Entity 2 -> Entity 1 Role Cardinality
Reference_1	Reference_1	X	CUENTA	CLIENTE		0,n	1,1
Reference_3	Reference_3	X	CREDITO	CLIENTE		0,n	1,1

III.2.1.1.3   List of diagrams containing the entity CLIENTE

Name	Code
ML_Banquito	ML_BANQUITO

III.2.1.1.4   List of attributes of the entity CLIENTE

Name	Code	Data Type	Mandatory	Inherited From
CEDULA	CEDULA	Variable characters (10)	X	
NOMBRE	NOMBRE	Variable characters (100)	X	
FECHA_NACIMIENTO	FECHA_NACIMIENTO	Date	X	
ESTADO_CIVIL	ESTADO_CIVIL	Variable characters (1)	X	

III.2.1.2   Entity CREDITO

III.2.1.2.1   Card of entity CREDITO

Name	CREDITO
Code	CREDITO
Parent	Logical Data Model 'ML_Banquito'
Comment	
Generate	Yes
Number	

III.2.1.2.2   List of relationships of the entity CREDITO

Name	Code	Generate	Entity 2	Entity 1	Dependent Role	Entity 1 -> Entity 2 Role Cardinality	Entity 2 -> Entity 1 Role Cardinality
Reference_3	Reference_3	X	CREDITO	CLIENTE		0,n	1,1
Reference_4	Reference_4	X	CUOTA_AMORTIZACION	CREDITO		0,n	1,1

III.2.1.2.3   List of diagrams containing the entity CREDITO

Name	Code
ML_Banquito	ML_BANQUITO

III.2.1.2.4   List of attributes of the entity CREDITO

Name	Code	Data Type	Mandatory	Inherited From
ID_CREDITO	ID_CREDITO	Integer	X	
CEDULA	CEDULA	Variable characters (10)	X	
MONTO_APROBADO	MONTO_APROBADO	Number (10,2)	X	
MONTO_SOLICITADO	MONTO_SOLICITADO	Number (10,2)		
PLAZO_MESES	PLAZO_MESES	Integer	X	
TASA_INTERES_ANUAL	TASA_INTERES_ANUAL	Number (5,2)	X	
MONTO_MAXIMO_AUTORIZADO	MONTO_MAXIMO_AUTORIZADO	Number (10,2)	X	

FECHA_OTORG AMIENTO	FECHA_OTORGA MIENTO	Date	X	
ESTADO	ESTADO	Variable characters (20)	X	

III.2.1.3   Entity CUENTA

III.2.1.3.1   Card of entity CUENTA

Name	CUENTA
Code	CUENTA
Parent	Logical Data Model 'ML_Banquito'
Comment	
Generate	Yes
Number	

III.2.1.3.2   List of relationships of the entity CUENTA

Name	Code	Generate	Entity 2	Entity 1	Dependent Role	Entity 1 -> Entity 2 Role Cardinality	Entity 2 -> Entity 1 Role Cardinality
Reference_1	Reference_1	X	CUENTA	CLIENTE		0,n	1,1
Reference_2	Reference_2	X	MOVIMIENTO	CUENTA		0,n	1,1

III.2.1.3.3   List of diagrams containing the entity CUENTA

Name	Code
ML_Banquito	ML_BANQUITO

III.2.1.3.4   List of attributes of the entity CUENTA

Name	Code	Data Type	Mandatory	Inherited From
NUM_CUENTA	NUM_CUENTA	Variable characters (8)	X	
CEDULA	CEDULA	Variable characters (10)	X	
SALDO	SALDO	Number (10,2)	X	

III.2.1.4   Entity CUOTA_AMORTIZACION

III.2.1.4.1   *Card of entity CUOTA_AMORTIZACION*

Name	CUOTA_AMORTIZACION
Code	CUOTA_AMORTIZACION
Parent	Logical Data Model 'ML_Banquito'
Comment	
Generate	Yes
Number	

III.2.1.4.2   *List of relationships of the entity CUOTA_AMORTIZACION*

Name	Code	Generate	Entity 2	Entity 1	Dependent Role	Entity 1 -> Entity 2 Role Cardinality	Entity 2 -> Entity 1 Role Cardinality
Reference_4	Reference_4	X	CUOTA_AMORTIZACION	CREDITO		0,n	1,1

III.2.1.4.3   *List of diagrams containing the entity CUOTA_AMORTIZACION*

Name	Code
ML_Banquito	ML_BANQUITO

III.2.1.4.4   *List of attributes of the entity CUOTA_AMORTIZACION*

Name	Code	Data Type	Mandatory	Inherited From
ID_CUOTA	ID_CUOTA	Integer	X	
ID_CREDITO	ID_CREDITO	Integer	X	
NUMERO_CUOTA	NUMERO_CUOTA	Integer	X	
VALOR_CUOTA	VALOR_CUOTA	Number (10,2)	X	
INTERES_PAGADO	INTERES_PAGADO	Number (10,2)	X	
CAPITAL_PAGADO	CAPITAL_PAGADO	Number (10,2)	X	
SALDO_RESTANTE	SALDO_RESTANTE	Number (10,2)	X	

III.2.1.5   Entity MOVIMIENTO

III.2.1.5.1   *Card of entity MOVIMIENTO*

Name	MOVIMIENTO
Code	MOVIMIENTO
Parent	Logical Data Model 'ML_Banquito'
Comment	
Generate	Yes
Number	

III.2.1.5.2   List of relationships of the entity MOVIMIENTO

Name	Code	Generate	Entity 2	Entity 1	Dependent Role	Entity 1 -> Entity 2 Role Cardinality	Entity 2 -> Entity 1 Role Cardinality
Reference_2	Reference_2	X	MOVIMIENTO	CUENTA		0,n	1,1

III.2.1.5.3   List of diagrams containing the entity MOVIMIENTO

Name	Code
ML_Banquito	ML_BANQUITO

III.2.1.5.4   List of attributes of the entity MOVIMIENTO

Name	Code	Data Type	Mandatory	Inherited From
COD_MOVIMIENTO	COD_MOVIMIENTO	Integer	X	
NUM_CUENTA	NUM_CUENTA	Variable characters (8)	X	
TIPO	TIPO	Variable characters (3)	X	
VALOR	VALOR	Number (10,2)	X	
FECHA	FECHA	Date	X	

III.2.2 List of relationships in diagram

Name	Code	Parent	Generate	Entity 2	Entity 1	Dependent Role	Entity 1 -> Entity 2 Role Cardinality	Entity 2 -> Entity 1 Role Cardinality
Reference_1	Reference_1	Logical Data Model 'ML_Banquito'	X	CUENTA	CLIENTE		0,n	1,1
Referenc	Reference	Logical	X	MOVIMI	CUENTA		0,n	1,1

e_2	_2	Data Model 'ML_Ban quito'		ENTO				
Referenc e_3	Reference _3	Logical Data Model 'ML_Ban quito'	X	CREDIT O	CLIENTE		0,n	1,1
Referenc e_4	Reference _4	Logical Data Model 'ML_Ban quito'	X	CUOTA_ AMORTI ZACION	CREDIT O		0,n	1,1

III.2.2.1   Relationship Reference_1

III.2.2.1.1   Card of relationship Reference_1

Name	Reference_1
Code	Reference_1
Parent	Logical Data Model 'ML_Banquito'
Comment	
Generate	Yes
Entity 1	CLIENTE
Entity 2	CUENTA
Dependent Role	<None>
Entity 1 -> Entity 2 Role Cardinality	0,n
Entity 2 -> Entity 1 Role Cardinality	1,1
Assertion	Each CLIENTE may have one or more CUENTA. Each CUENTA must have one and only one CLIENTE.

III.2.2.1.2   List of diagrams containing the relationship Reference_1

Name	Code
ML_Banquito	ML_BANQUITO

III.2.2.1.3   List of relationship joins of the relationship Reference_1

Display Name	Parent Attribute	Child Attribute
CEDULA = CEDULA	CEDULA	CEDULA

III.2.2.2   Relationship Reference_2

III.2.2.2.1   Card of relationship Reference_2

Name	Reference_2
Code	Reference_2
Parent	Logical Data Model 'ML_Banquito'
Comment	
Generate	Yes
Entity 1	CUENTA
Entity 2	MOVIMIENTO
Dependent Role	<None>
Entity 1 -> Entity 2 Role Cardinality	0,n
Entity 2 -> Entity 1 Role Cardinality	1,1
Assertion	Each CUENTA may have one or more MOVIMIENTO. Each MOVIMIENTO must have one and only one CUENTA.

III.2.2.2.2   List of diagrams containing the relationship Reference_2

Name	Code
ML_Banquito	ML_BANQUITO

III.2.2.2.3   List of relationship joins of the relationship Reference_2

Display Name	Parent Attribute	Child Attribute
NUM_CUENTA = NUM_CUENTA	NUM_CUENTA	NUM_CUENTA

III.2.2.3   Relationship Reference_3

III.2.2.3.1   Card of relationship Reference_3

Name	Reference_3
Code	Reference_3
Parent	Logical Data Model 'ML_Banquito'
Comment	
Generate	Yes
Entity 1	CLIENTE
Entity 2	CREDITO
Dependent Role	<None>
Entity 1 -> Entity 2 Role Cardinality	0,n
Entity 2 -> Entity 1 Role Cardinality	1,1
Assertion	Each CLIENTE may have one or more CREDITO. Each CREDITO must have one and only one CLIENTE.

III.2.2.3.2   List of diagrams containing the relationship Reference_3

Name	Code
ML_Banquito	ML_BANQUITO

III.2.2.3.3   List of relationship joins of the relationship Reference_3

Display Name	Parent Attribute	Child Attribute
CEDULA = CEDULA	CEDULA	CEDULA

III.2.2.4   Relationship Reference_4

III.2.2.4.1   Card of relationship Reference_4

Name	Reference_4
Code	Reference_4
Parent	Logical Data Model 'ML_Banquito'
Comment	
Generate	Yes
Entity 1	CREDITO
Entity 2	CUOTA_AMORTIZACION
Dependent Role	<None>
Entity 1 -> Entity 2 Role Cardinality	0,n
Entity 2 -> Entity 1 Role Cardinality	1,1
Assertion	Each CREDITO may have one or more CUOTA_AMORTIZACION. Each CUOTA_AMORTIZACION must have one and only one CREDITO.

III.2.2.4.2   List of diagrams containing the relationship Reference_4

Name	Code
ML_Banquito	ML_BANQUITO

III.2.2.4.3   List of relationship joins of the relationship Reference_4

Display Name	Parent Attribute	Child Attribute
ID_CREDITO = ID_CREDITO	ID_CREDITO	ID_CREDITO