

LOAN PARTICIPANT Data Model
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LOAN PARTICIPANT Data Model
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1. INTRODUCTION

This document contains the data dictionary information of LOAN PARTICIPANT module. For each table that belongs to the module, LP, it provides the following information

- Table Description
- Constraints
- Column details that contain column name, data type and descriptions.

2. LOAN PARTICIPANT

2.1. LBZB_CONTRACT_TAX_PREF

Description -

STORES THE PARTICIPANT,TAX RULE,VERSION NUMBER

Constraints -

Primary Key	CONTRACT_REF_NO,VERSION_NO,PARTICIPANT,TAX_RULE
--------------------	-------------------------------------------------

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
CONTRACT_REF_NO	VARCHAR2(16)	CONTRACT REF NO
VERSION_NO	NUMBER(4)	VERSION NO
PARTICIPANT	VARCHAR2(20)	PARTICIPANT
TAX_RULE	VARCHAR2(6)	TAX RULE
WAIVE_TAX	VARCHAR2(1)	WAIVE TAX

2.2. LPZB_AMOUNT_DUE_DETAIL

Description -

This table stores the participant amount due details

Constraints -

Primary Key	PARTICIPANT_REF_NO,BORROWER_EVENT_SEQ_NO,COMPONENT
--------------------	----------------------------------------------------

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
PARTICIPANT_REF_NO	VARCHAR2(16)	This column denotes the Participant Ref No
BORROWER_REF_NO	VARCHAR2(16)	Borrower Ref number
BORROWER_EVENT_SEQ_NO	NUMBER	Borrower Event Sequence Number
COMPONENT	VARCHAR2(15)	Component
DUE_DATE	DATE	Due Date
AMOUNT_DUE	NUMBER	Amount Due
COMPONENT_CCY	VARCHAR2(3)	Currency of the component
INFLOW_OUTFLOW	VARCHAR2(1)	Indicates inflow or outflow. I- Inflow , O- Outflow
ROUNDING_DIFFERENCE	NUMBER	Amount rounding difference
SKIM_MARGIN	NUMBER	SKIM margin
LIQD_EVENT_SEQ_NO	NUMBER	Liquidation event sequence number
BORROWER_AMOUNT	NUMBER	Borrower amount
BORROWER_EVENT	VARCHAR2(4)	Borrower event
COMPONENT_AMOUNT_DUE	NUMBER	Participant component amount due
LIQD_EVENT	VARCHAR2(4)	Liquidation event

2.3. LPZB_AMOUNT_DUE_DETAIL_VER

Description -

Amount Due Detail Version Data

Constraints -

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
PARTICIPANT_REF_NO	VARCHAR2(16)	Participant Reference Number
BORROWER_REF_NO	VARCHAR2(16)	Borrower Reference Number
BORROWER_EVENT_SEQ_NO	NUMBER	Borrower Event Sequence Number
COMPONENT	VARCHAR2(15)	Component
DUE_DATE	DATE	Due Date
AMOUNT_DUE	NUMBER	Amount Due
COMPONENT_CCY	VARCHAR2(3)	Component Currency
INFLOW_OUTFLOW	VARCHAR2(1)	Inflow Outflow
ROUNDING_DIFFERENCE	NUMBER	Rounding Difference
SKIM_MARGIN	NUMBER	Skim Margin
LIQD_EVENT_SEQ_NO	NUMBER	Liquidation Event Sequence Number
BORROWER_AMOUNT	NUMBER	Borrower Amount
BORROWER_EVENT	VARCHAR2(4)	Borrower Event
COMPONENT_AMOUNT_DUE	NUMBER	Component Amount Due
LIQD_EVENT	VARCHAR2(4)	Liquidation Event
BK_VERSION_NO	NUMBER(4)	Backup Version Number

2.4. LPZB_AMOUNT_DUE_MASTER

Description -

This table stores the participant amount due

Constraints -

Primary Key	PARTICIPANT_REF_NO,BORROWER_EVENT_SEQ_NO
--------------------	------------------------------------------

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
PARTICIPANT_REF_NO	VARCHAR2(16)	This column denotes the Participant Ref No
PARTICIPANT	VARCHAR2(20)	Participant
PARTICIPANT_EVENT_DATE	DATE	Participant event date
PARTICIPANT_VALUE_DATE	DATE	Participant value date
BORROWER_REF_NO	VARCHAR2(16)	Borrower Ref number
BORROWER_EVENT	VARCHAR2(4)	Borrower event
BORROWER_EVENT_SEQ_NO	NUMBER	Borrower Event Sequence Number
BORROWER_EVENT_DATE	DATE	Borrower event date
BORROWER_VALUE_DATE	DATE	Borrower value date
LIQD_MODE	VARCHAR2(1)	Liquidation mode for the transfer
LIQD_EVENT	VARCHAR2(4)	Liquidation event
LIQD_EVENT_SEQ_NO	NUMBER	Liquidation event sequence number
PROCESS_STATUS	VARCHAR2(1)	Process Status
MAKER_ID	VARCHAR2(320)	Maker ID
MAKER_DT_STAMP	DATE	Date Time
CHECKER_ID	VARCHAR2(320)	Auth By
CHECKER_DT_STAMP	DATE	Checker DateTime Stamp
MOD_NO	NUMBER	Modification number
ONCE_AUTH	VARCHAR2(1)	Once Authorized
PAYMENT_STAT	VARCHAR2(1)	Payment status of the contract
AUTH_STAT	VARCHAR2(1)	Auth Status

2.5. LPZB_AMOUNT_DUE_MASTER_VER

Description -

Participant Amount Due Master Version Data

Constraints -

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
PARTICIPANT_REF_NO	VARCHAR2(16)	Participant Reference Number
PARTICIPANT	VARCHAR2(20)	Participant
PARTICIPANT_EVENT_DATE	DATE	Participant Event Date
PARTICIPANT_VALUE_DATE	DATE	Participant Value Date
BORROWER_REF_NO	VARCHAR2(16)	Borrower Reference Number
BORROWER_EVENT	VARCHAR2(4)	Borrower Event
BORROWER_EVENT_SEQ_NO	NUMBER	Borrower Event Sequence Number
BORROWER_EVENT_DATE	DATE	Borrower Event Date
BORROWER_VALUE_DATE	DATE	Borrower Value Date
LIQD_MODE	VARCHAR2(1)	Liquidation Mode
LIQD_EVENT	VARCHAR2(4)	Liquidation Event
LIQD_EVENT_SEQ_NO	NUMBER	Liquidation Event Sequence Number
PROCESS_STATUS	VARCHAR2(1)	Process Status
MAKER_ID	VARCHAR2(320)	Maker ID
MAKER_DT_STAMP	DATE	Maker Date Stamp
CHECKER_ID	VARCHAR2(320)	Checker ID
CHECKER_DT_STAMP	DATE	Checker Date Stamp
MOD_NO	NUMBER	Modification Number
ONCE_AUTH	VARCHAR2(1)	Once Authorized Y/N
PAYMENT_STAT	VARCHAR2(1)	Payment Status
AUTH_STAT	VARCHAR2(1)	Authorization Status
BK_VERSION_NO	NUMBER(4)	Backup Version Number

2.6. LPZB_CONTRACT_BALANCE

Description -

This table stores the participant contract balance

Constraints -

Primary Key	CONTRACT_REF_NO
-------------	-----------------

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
CONTRACT_REF_NO	VARCHAR2(16)	Contract Reference Number
PRINCIPAL_OUTSTANDING_BAL	NUMBER	Principal outstanding balance of contract
CURRENCY	VARCHAR2(3)	Currency

2.7. LPZB_CONTRACT_INTEREST_DETAIL

Description -

This table stores participant contract interest details

Constraints -

Primary Key	CONTRACT_REF_NO,COMPONENT,VALUE_DATE
--------------------	--------------------------------------

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
CONTRACT_REF_NO	VARCHAR2(16)	Contract Reference Number
COMPONENT	VARCHAR2(10)	Component
VALUE_DATE	DATE	Value Date
RATE_TYPE	VARCHAR2(1)	Rate type can be X - Fixed, F - Floating, S - Special
FIXED_RATE_TYPE	VARCHAR2(1)	Indicates rate type used for interest computation
RATE_CODE_USAGE	VARCHAR2(1)	Indicates rate code usage A-
RATE_CODE	VARCHAR2(16)	Rate Code
BORROW_LEND_IND	VARCHAR2(1)	Indicates borrow or lend B-Borrow,L-Lend,M-
BASE_RATE	NUMBER(15,10)	Base interest rate
SPREAD	NUMBER(15,10)	Spread
MARGIN	NUMBER(15,10)	Indicates the margin
FINAL_RATE	NUMBER(15,10)	This field indicates the final resolved rate.
ADJUSTMENT_RATE	NUMBER(15,10)	Adjusted rate for interest
BORROWER_CONTRACT_REF_N O	VARCHAR2(16)	This column denotes the borrower contract ref no
PARTICIPANT	VARCHAR2(20)	Participant

2.8. LPZB_CONTRACT_MARGIN_DETAIL

Description -

Data store for participant margin details

Constraints -

Primary Key	CONTRACT_REF_NO,COMPONENT,MARGIN_COMPONENT,VALUE_DATE,EVENT_SEQ_N O
--------------------	------------------------------------------------------------------------

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
CONTRACT_REF_NO	VARCHAR2(16)	Contract Reference Number
COMPONENT	VARCHAR2(10)	Component
MARGIN_COMPONENT	VARCHAR2(10)	Indicates the margin component associated with the contract
VALUE_DATE	DATE	Value Date
EVENT_SEQ_NO	NUMBER(4)	Event Seq No
MARGIN_RATE	NUMBER(15,10)	Indicates rate associated with margin component
BORROWER_CONTRACT_REF_N O	VARCHAR2(16)	This column denotes the borrower contract ref no
PARTICIPANT	VARCHAR2(20)	Participant

2.9. LPZB_CONTRACT_MASTER

Description -

STORES THE VERSION NUMBER

Constraints -

Primary Key	CONTRACT_REF_NO,VERSION_NO
--------------------	----------------------------

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
CONTRACT_REF_NO	VARCHAR2(16)	CONTRACT REF NO
VERSION_NO	NUMBER(4)	VERSION NO
EVENT_SEQ_NO	NUMBER	EVENT SEQ NO
USER_REF_NO	VARCHAR2(35)	USER REF NO
BRANCH_CODE	VARCHAR2(6)	BRANCH CODE
PRODUCT_CODE	VARCHAR2(4)	PRODUCT CODE
PRODUCT_TYPE	VARCHAR2(2)	PRODUCT TYPE
PAYMENT_METHOD	VARCHAR2(1)	PAYMENT METHOD
COUNTERPARTY	VARCHAR2(20)	COUNTERPARTY
CURRENCY	VARCHAR2(3)	CURRENCY
AMOUNT	NUMBER	AMOUNT
BOOKING_DATE	DATE	BOOKING DATE
VALUE_DATE	DATE	VALUE DATE
MATURITY_DATE	DATE	MATURITY DATE
AUTO_COLLECTION	VARCHAR2(1)	AUTO COLLECTION
AUTO_DISBURSEMENT	VARCHAR2(1)	AUTO DISBURSEMENT
REMARKS	VARCHAR2(255)	REMARKS
SETTLEMENT_SEQ_NO	NUMBER(4)	SETTLEMENT SEQ NO
BORROWER_CONTRACT_REF_NO	VARCHAR2(16)	BORROWER CONTRACT REF NO
BORROWER_FACILITY_REF_NO	VARCHAR2(16)	BORROWER FACILITY REF NO
PARTY_TRANCHE_REF_NO	VARCHAR2(16)	PARTY TRANCHE REF NO
PARTY_DRAWDOWN_NO	NUMBER	PARTY DRAWDOWN NO
PARTY_FACILITY_REF_NO	VARCHAR2(16)	PARTY FACILITY REF NO
BORROWER_TRANCHE_REF_NO	VARCHAR2(16)	BORROWER TRANCHE REF NO
ROUNDING_PARTICIPANT	VARCHAR2(1)	ROUNDING PARTICIPANT
AMENDMENT_DATE	DATE	AMENDMENT DATE
SUBSYSTEM_STAT	VARCHAR2(2000)	SUBSYSTEM STAT

2.10. LPZB_INTEREST_DETAIL_STORE

Description -

Data store for participant interest details

Constraints -

Primary Key	CONTRACT_REF_NO,COMPONENT,ACTIVITY_SEQ_NO,VALUE_DATE
--------------------	------------------------------------------------------

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
CONTRACT_REF_NO	VARCHAR2(16)	Contract Reference Number
ACTIVITY_SEQ_NO	NUMBER(4)	System generated sequence number for activity
COMPONENT	VARCHAR2(10)	Component
VALUE_DATE	DATE	Value Date
RATE_TYPE	VARCHAR2(1)	Rate type can be X - Fixed, F - Floating, S - Special
FIXED_RATE_TYPE	VARCHAR2(1)	Indicates rate type used for interest computation
RATE_CODE_USAGE	VARCHAR2(1)	Indicates rate code usage A-
RATE_CODE	VARCHAR2(16)	Rate Code
BORROW_LEND_IND	VARCHAR2(1)	Indicates borrow or lend B-Borrow,L-Lend,M-
BASE_RATE	NUMBER(15,10)	Base interest rate

SPREAD	NUMBER(15,10)	Spread
MARGIN	NUMBER(15,10)	Indicates the margin
FINAL_RATE	NUMBER(15,10)	This field indicates the final resolved rate.
ADJUSTMENT_RATE	NUMBER(15,10)	Adjusted rate for interest

2.11. LPZB_JOB_ALERT_TABLE

Description -

Participant job alert table

Constraints -

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
ALERT_NAME	VARCHAR2(30)	Participant job alert name
ALERT_MESSAGE	VARCHAR2(50)	Alert Message
ALERT_TIME	DATE	Participant alert timing

2.12. LPZB_JOB_ERRORS

Description -

Participant job errors

Constraints -

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
MODULE	VARCHAR2(2)	Indicates the module ID
EVENT	VARCHAR2(10)	Indicates event code
BORROWER_REF_NO	VARCHAR2(16)	Borrower Ref number
STATUS	VARCHAR2(1)	Indicates the status
ERRMSG	VARCHAR2(1000)	Error message of job

2.13. LPZB_JOB_STATE

Description -

Participant job information

Constraints -

Primary Key	BRANCH_CODE
-------------	-------------

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
BRANCH_CODE	VARCHAR2(6)	Branch Code
JOB_STATE	VARCHAR2(1)	Job state
JOB_ID	NUMBER(6)	Job identity

2.14. LPZB_TEMP_CONTRACT_INT_DTL

Description -

LPZB_TEMP_CONTRACT_INT_DTL

Constraints -

Primary Key	CONTRACT_REF_NO,COMPONENT,VALUE_DATE
--------------------	--------------------------------------

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
CONTRACT_REF_NO	VARCHAR2(16)	CONTRACT_REF_NO
COMPONENT	VARCHAR2(10)	COMPONENT
VALUE_DATE	DATE	VALUE_DATE
RATE_TYPE	VARCHAR2(1)	RATE_TYPE
FIXED_RATE_TYPE	VARCHAR2(1)	FIXED_RATE_TYPE
RATE_CODE_USAGE	VARCHAR2(1)	RATE_CODE_USAGE
RATE_CODE	VARCHAR2(16)	RATE_CODE
BORROW_LEND_IND	VARCHAR2(1)	BORROW_LEND_IND
BASE_RATE	NUMBER(15,10)	BASE_RATE
SPREAD	NUMBER(15,10)	SPREAD
MARGIN	NUMBER(15,10)	MARGIN
FINAL_RATE	NUMBER(15,10)	FINAL_RATE
ADJUSTMENT_RATE	NUMBER(15,10)	ADJUSTMENT_RATE
BORROWER_CONTRACT_REF_NO	VARCHAR2(16)	BORROWER_CONTRACT_REF_NO
PARTICIPANT	VARCHAR2(20)	PARTICIPANT

2.15. LPZB_TEMP_MARGIN_DETAIL

Description -

LPZB_TEMP_MARGIN_DETAIL

Constraints -

Primary Key	CONTRACT_REF_NO,COMPONENT,MARGIN_COMPONENT,VALUE_DATE
--------------------	-------------------------------------------------------

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
CONTRACT_REF_NO	VARCHAR2(16)	CONTRACT_REF_NO
COMPONENT	VARCHAR2(10)	COMPONENT
MARGIN_COMPONENT	VARCHAR2(10)	MARGIN_COMPONENT
VALUE_DATE	DATE	VALUE_DATE
MARGIN_RATE	NUMBER(15,10)	MARGIN_RATE
BORROWER_CONTRACT_REF_NO	VARCHAR2(16)	BORROWER_CONTRACT_REF_NO
PARTICIPANT	VARCHAR2(20)	PARTICIPANT

2.16. LPZM_PARTICIPANT_ENTITIES

Description -

Participant Entity Details

Constraints -

Primary Key	CONTRACT_REF_NO,VERSION_NO,CUSTOMER_NO,ENTITY
--------------------	-----------------------------------------------

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
CONTRACT_REF_NO	VARCHAR2(16)	Contract Reference Number
VERSION_NO	NUMBER(4)	Version number
CUSTOMER_NO	VARCHAR2(20)	Participant ID
ENTITY	VARCHAR2(15)	Entity name that belongs to the participant
PRIMARY	VARCHAR2(1)	Checked if the Entity is a primary entity

2.17. LPZM_PRODUCT_MASTER

Description -

This table contains the preferences for LP product

Constraints -

Primary Key	PRODUCT_CODE
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Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
PRODUCT_CODE	VARCHAR2(4)	
AUTO_COLLECTION	VARCHAR2(1)	
AUTO_INITIATION	VARCHAR2(1)	
BORROWER_PRODUCT_CODE	VARCHAR2(4)	

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