

DATA DICTIONARY:

MONEY LENDING MANAGEMENT SYSTEM

- **customer:** Customer of User

Column Name	Column Description	Data Type	Length	Primary Key	Nullable	Unique	Default
c_id	Customer Id	integer		YES	NO	YES	_
c_fname	Customer First Name	varchar2	20	NO	NO	NO	_
c_mname	Customer Middle Name	varchar2	20	NO	NO	NO	_
c_lname	Customer Last Name	varchar2	20	NO	NO	NO	_
address	Customer Address	varchar2	50	NO	NO	NO	_
city	Customer City	varchar2	15	NO	YES	NO	Null
email_id	Customer Email Id	varchar	30	NO	YES	YES	Null
mobile_no	Customer Mobile No	number	(12,0)	NO	YES	YES	Null
cphoto_path	Customer Photo Path	varchar	70	NO	YES	NO	Null
mphoto_path	Mortgage Photo path	varchar	70	NO	YES	NO	Null
create_date	Date Creation	Time-Stamp		NO	NO	NO	_
created_date	Account creation date	Time-Stamp		NO	NO	NO	_
updated_date	Account updation date	Time-Stamp		NO	NO	NO	_
interest_rate	Interested Rate	Number	(5,2)	NO	NO	NO	36
debit_limit	Account crediion limit	Number	(11,2)	NO	NO	NO	
isactive	customer activation	Number	1	NO	NO	NO	1

--Constraint: create_date<=created_date

- **account:** Customer Account

Column Name	Column Description	Data Type	Length	Primary Key	Nullable	Unique	Default
acc_id	Customer Account Id	Integer		YES	NO	YES	_
c_id	Customer Id	Integer		NO	NO	NO	_
acc_no	Account Number	Number	20	NO	NO	YES	_
acc_date	Account Creation Date	Time-Stamp		NO	NO	NO	_

- **mor_type:** Mortgage Item Type

Column Name	Column Description	Data Type	Length	Primary Key	Nullable	Unique	Default
mt_id	Mortgae Item Id	Integer		YES	NO	YES	_
mt_name	Mortgae Item Name	varchar	30	NO	NO	NO	_

- **cust_mor:** Customer Mortgage Relationship

Column Name	Column Description	Data Type	Length	Primary Key	Nullable	Unique	Default
cust_mor_id	Id	integer		YES	NO	YES	_
c_id	references to customer	integer		NO	NO	NO	_
item_type	Mortgage Item Type	varchar	15	NO	NO	NO	_
item_name	Mortgage Item Name	varchar	30	NO	NO	NO	_
gross_weight	Total Mortgage Weight	Number	(11,2)	NO	NO	NO	_
rate	Mortgage Item rate	Number	(11,2)	NO	NO	NO	_
amount	Total Amount	Number	(11,2)	NO	NO	NO	_

- **transaction:** Account Transaction

Column Name	Column Description	Data Type	Length	Primary Key	Nullable	Unique	Default
t_id	Transaction Id	Integer		YES	NO	YES	_
c_id	Account Id references to Account	Integer		NO	NO	NO	_
t_date	Transaction Date	TimeStamp		NO	NO	NO	_
t_amount	Transaction Amount	Number	(11,2)	NO	NO	NO	_
t_type	Transaction Type	Char	1	NO	NO	NO	_
t_remark	Transaction Remark	varchar	50	NO	YES	NO	_

- **cheque:** Payment type-Cheque

Column Name	Column Description	Data Type	Length	Primary Key	Nullable	Unique	Default
trans_id	References to transection	Integer		_	NO	NO	_
cheque_no	Cheque No	Number	10	_	NO	YES	_
cheque_amount	Cheque Amount	Number	6	_	NO	NO	_
pay_from	Customer Name	varchar	50	_	NO	NO	_

- **cash:**Payment type-Cash

Column Name	Column Description	Data Type	Length	Primary Key	Nullable	Unique	Default
trans_id	References to transection	Integer		—	NO	NO	—
cash_amount	Cash Amount	Number	6	—	NO	NO	—
pay_from	Customer Name	varchar	50	—	NO	NO	—

- **invoice_customer:** Customer Invoice

Column Name	Column Description	Data Type	Length	Primary Key	Nullable	Unique	Default
invoice_id	Id	integer		YES	NO	YES	—
c_id	references to cusomer	integer		NO	YES	YES	—
i_date	Bill generation date	TimeStamp		NO	YES	NO	Current date
c_name	Customer name	varchar	35	NO	NO	NO	—
address	Customer address	varchar	50	NO	NO	NO	—
city	Customer city	varchar	20	NO	NO	NO	—
mobile_no	Customer no	number	(12,0)	NO	NO	NO	—

- **invoice:** GST Bill

Column Name	Column Description	Data Type	Length	Primary Key	Nullable	Unique	Default
i_id	Id	integer		YES	NO	YES	—
invoice_id	references to cust_invoice	integer		NO	NO	YES	—
product_name	Product Name	varchar	50	NO	NO	NO	—
quantity	Quantity	integer		NO	NO	NO	—
rate	Cost Rate	Number	(11,2)	NO	NO	NO	—

- **reg_user:**User Registration

Column Name	Column Description	Data Type	Length	Primary Key	Nullable	Unique	Default
reg_id	Registered User Id	Integer		YES	NO	YES	_
reg_name	Registered User Name	varchar	25	NO	NO	YES	_
reg_pass	Registered User Password	varchar	20	NO	NO	YES	_
email_id	Registered Email-Id	varchar	25	NO	NO	YES	_
mobile_no	Registered Mobile Number	Number	10	NO	NO	YES	_
reg_date	Registration Date	time-stamp		NO	YES	NO	Null
role_id	Role of User	Number	1	NO	NO	YES	0
isvalid	Valid User Flag	number	1	NO	NO	YES	0

- **log_user:**User Login

Column Name	Column Description	Data Type	Length	Primary Key	Nullable	Unique	Default
log_id	Login Id	integer		YES	NO	YES	_
reg_id	references to Reg_User	integer		NO	NO	YES	_
username	User Name	varchar	20	NO	NO	YES	_
password	Password	varchar	25	NO	NO	NO	_