DATA DICTIONARY OF PET LOVERS CENTRE

TABLE NAME	ATTRIBUTE	CONTENT	TYPE	FORMAT	RANGE	REQUIRED	PK OR FK	FK_REFFERENCED_TABLE
Branch	Branch_id	ID of branch	CHAR(5)	B9999	B0001-B9999	Y	PK	
	Manager_id	ID of manager	CHAR(5)	E9999	E0001-E9999	Y	FK	Employee
	Manager_name	Name of manager	VARCHAR(20)	XXXXXXXXXX		Y		
	Branch_name	Name of branch	VARCHAR(20)	XXXXXXXXXX		Y		
	Branch_location	Location of branch	VARCHAR(20)	XXXXXXXXXX		Y		
	Branch_telephone	Telephone number of branch	CHAR(9)	XX-XXX-XXXX		Y		
	Branch_email	Email address of branch	VARCHAR(20)	XXXXXXXXXX		Y		
	Branch_fax_num	Fax number of branch	CHAR(9)	XX-XXX-XXXX		Y		
	Working_hour	Hours of working	NUMBER(2)	24	0-24	Y		
	Working_day	Days of working	VARCHAR(20)	XXXXXXXXXX		Y		
Payment method	Pm_id	ID of payment method	CHAR(6)	PM9999	PM0001-PM9999	Y	PK	
	C_name	Name of customer	VARCHAR(20)	XXXXXXXXXX		Y	FK	Customer
	Order_id	ID of order	CHAR(5)	O9999	O0001-O9999	Y	FK	Order
	Pm_type	Type of payment method	VARCHAR(20)	XXXXXXXXXX			FK	Payment method
	Amount	Amount of payment	NUMBER(9)	999,999,999	0-999,999,999			
	Status	Status of payment	BOONLEAN	X	0,1	Y		
Department	Dept_id	ID of department	CHAR(5)	D9999	D0001-D9999	Y	PK	
	Manager_id	ID of manager	CHAR(5)	E9999	E0001-E9999	Y	FK	Manager
	Dept_telephone	Telephone number of department	CHAR(9)	XX-XXX-XXXX				
	Dept_email	Email address of department	VARCHAR(20)	XXXXXXXXXX				
	Dept_description	Description of department	VARCHAR(20)	XXXXXXXXXX				
	Total_employee	Total number of employee	NUMBER(3)	999	0-999			
	Location	Location of the department						
Financial	F_id	ID of Financial	CHAR(5)	F9999	F0001-F9999	Y	PK	
	Order_id	ID of order	CHAR(5)	O9999	O0001-O9999	Y	FK	Stock
	C_id	ID of customer	CHAR(5)	C9999	C0001-9999	Y	FK	Customer
	Amount	Amount of money	NUMBER(9)	999,999,999	0-999,999,999			
	Transaction_type	Type of transaction	VARCHAR(20)	XXXXXXXXXX		Y		
	Transaction_description	Description of transaction	VARCHAR(20)	XXXXXXXXXX				
Manager	Manager_id	ID of manager	CHAR(5)	E9999	E0001-E9999	Y	PK	
	Education	Education level of manager	NUMBER(2)	99	0-99	Y		
	Experience	Eperience level of manager	NUMBER(2)	99	0-99	Y		
	Workplace	Work place of manager	NUMBER(2)	24	0-24			
	Work_hours	Hours of working	NUMBER(2)	24	0-24			

Entity	Field	Description	Data type	Format	Range	Req	Key	Reference
Marketing	Marketing_id	ID of marketing	CHAR(6)	MI9999	MI00001-MI9999	Y	PK	
	M_plan	Plan of marketing	VARCHAR(20)	XXXXXXXXX				
	M_plan_number	Number of marketing plan	CHAR(5)	M9999	M0001-M9999	Y	FK	
	M_name	Name of marketing	VARCHAR(20)	XXXXXXXXX		Y		
	Menager_id	ID of manager	CHAR(5)	E9999	E0001-E9999	Y	FK	Manager
	Promo_id	ID of promotion	CHAR(6)	PR9999	PR0001-PR9999	Y	FK	Promotion
Membership	Mem_id	ID of member	CHAR(6)	M9999	M0001-M9999	Y	PK	
	C_name	Name of customer	VARCHAR(20)	XXXXXXXXX		Y	FK	Customer
	Mem_number	Number of member	NUMBER(5)	99999	0-99999	Y		
	Mem_firstdate	First date of member	CHAR(8)	31-12-9999		Y		
	Mem_enddate	End date of menber	CHAR(8)	31-12-9999		Y		
Cash	Cash_date	Date of cash	CHAR(8)	31-12-9999		Y		
Bank tranfer	Type of bank	Type of bank	VARCHAR(20)	XXXXXXXXX		Y		
	Bank_transfer_status	Status of bank transfer	VARCHAR(20)	XXXXXXXXX		Y		
Employee	Em_id	ID of employee	CHAR(5)	E9999	E0001-E9999	Y	PK	
	Citizen_id	Citizen ID of employee	NUMBER(13)	X-XXXX-XXXXX-XX-X		Y	FK	
	Firstname	Firstname of employee	VARCHAR(20)	XXXXXXXXX		Y		
	Surname	Surname of employee	VARCHAR(20)	XXXXXXXXX		Y		
	Sex	Gender of employee	CHAR(6)	XXXXXX				
	Birthday	Birthday of employee	CHAR(8)	31-12-9999				
	Email	Email address of employee	VARCHAR(20)	XXXXXXXXX				
	Phone_number	Phone number of employee	NUMBER(10)	99-9999-9999				
	Status	Status of employee	BOOLEAN	X	0,1	Y		
Customer	C_id	ID of customer	CHAR(5)	C9999	C0001-C9999	Y	PK	
	Citizen_id	Citizen ID of customer	NUMBER(13)	X-XXXX-XXXXX-XX-X		Y	FK	
	Firstname	Firstname of customer	VARCHAR(20)	XXXXXXXXX		Y		
	Surname	Surname of customer	VARCHAR(20)	XXXXXXXXX		Y		
	Sex	Gender of customer	CHAR(6)	XXXXXX				
	Birthday	Birthday of customer	CHAR(8)	31-12-9999		Y		
	Phone_number	Phone number of customer	CHAR(10)	99-9999-9999				
	Email	Email address of customer	VARCHAR(20)	XXXXXXXXX				
	Address	Address of customer	VARCHAR(20)	XXXXXXXXX				
Promotion	Promo_id	ID of promotion	CHAR(6)	PR9999	PR0001-PR9999	Y	PK	
	Promo_member	Promotion of member	VARCHAR(20)	XXXXXXXXX				
	Promo_discount	Discount of promotion	NUMBER(9)	999,999,999	0-999,999,999			
	Promo_status	Status of promotion	BOOLEAN	X	0,1	Y		
	Net_price	Net of price	NUMBER(9)	999,999,999	0-999,999,999			

Entity	Attribute	Description	Type	Format	Range		Key	Reference
Delivery Company	DM_id	ID of delivery company	CHAR(6)	DM9999	DM0001-DM9999	Y	PK	
	DM_name	Name of delivery company	VARCHAR(20)	XXXXXXXXXX		Y		
	DM_Openday	Open day of delivery company	CHAR(8)	31-12-9999		Y		
	DM_Openhour	Open hour of delivery company	NUMBER(2)	24	0-24	Y		
	DM_location	Location of delivery company	VARCHAR(20)	XXXXXXXXXX				
	DM_telephone	Telephone number of delivery company	CHAR(9)	99-999-9999				
	DM_emil	Email address of delivery company	VARCHAR(20)	XXXXXXXXXX				
Product	P_id	ID of product	CHAR(5)	P9999	P0001-P9999	Y	PK	
	P_type	Type of product	VARCHAR(20)	XXXXXXXXXX				
	P_name	Name of product	VARCHAR(20)	XXXXXXXXXX		Y		
	P_detail	Detail of product	VARCHAR(20)	XXXXXXXXXX				
	P_price	Price of product	NUMBER(9)	999,999,999	0-999,999,999			
	S_id	ID of stock	CHAR(5)	S9999	S0001-S9999	Y	FK	Stock
Stock	S_id	ID of stock	CHAR(5)	S9999	S0001-S9999	Y	PK	
	S_name	Name of stock	VARCHAR(20)	XXXXXXXXXX		Y		
	S_location	Location of stock	VARCHAR(20)	XXXXXXXXXX				
	S_capacity	Capacity of stock	NUMBER(7)	9,999,999	0-9,999,999			
	S_type	Type of stock	VARCHAR(20)	XXXXXXXXXX				
	S_status	Status of stock	BOOLEAN	X	0,1	Y		
Salaried_employee	wage	Wage of employee	NUMBER(9)	999,999,999		Y		
Hourly_employee	Check_in	Time of employee checked in	CHAR(4)	23 : 59	00:00-23:59	Y		
	Check_out	Time of employee checked out	CHAR(4)	23 : 59	00:00-23:59	Y		
	All_hours	Time of employee work	NUMBER(2)	99	0-99	Y		
Order	Order_id	ID of order	CHAR(5)	O9999	O0001-O9999	Y	PK	
	Order_date	Date of order	CHAR(8)	31-12-9999		Y		
	Order_last	Last time of order	CHAR(8)	31-12-9999		Y		
	Net_price	Net of price	NUMBER(9)	999,999,999	0-999,999,999			
	Order_status	Status of order	BOOLEAN	X	0,1	Y		
Shopping Online	SO_id	ID of shopping online	CHAR(6)	SO9999	SO0001-SO9999	Y	PK	
	C_id	ID of customer	CHAR(5)	C9999	C0001-C9999	Y		
	C_name	Name of customer	VARCHAR(20)	XXXXXXXXXX		Y		
	Order_id	ID of order	CHAR(5)	O9999	O0001-O9999	Y	FK	Order
	Pm_id	ID of payment method	CHAR(6)	PM9999	PM0001-PM9999	Y	FK	Payment method
	Pay_status	Status of payment	BOOLEAN	X	0,1	Y		
	Shelf_id	ID of shelf	CHAR(6)	SF9999	SF0001-SF9999	Y	PK	
	P_id	ID of product	CHAR(5)	P9999	P0001-P9999	Y		
	Shelf_startday	Start day of shelf	CHAR(8)	31-12-9999		Y		

Shelf	Shelf_endday	End day of shelf	CHAR(8)	31-12-9999		Y		
	P_id	ID of product	CHAR(5)	P9999	P0001-P9999	Y		
	P_name	Name of product	VARCHAR(20)	XXXXXXXXXX		Y		
	P_type	Type of product	VARCHAR(20)	XXXXXXXXXX				
Customer_detail	C_detail_id	ID of customer	CHAR(5)	C9999	C0001-C9999	Y	PK	
	Start_selling	Date of start selling	CHAR(8)	31-12-9999		Y		
	Amount of buying	Amount of buying	NUMBER(9)	999,999,999	0-999,999,999			
	Debt	Department	VARCHAR(20)	XXXXXXXXXX				
	Mem_status	Status of member	BOOLEAN	X	0,1	Y	FK	Membership