Data Dictionary for the 揪團 GO

2024.04.30

BUYER

Column Name	Meaning	Data Type	Key	Constraint	Domain
Buyer_account	買家 ID	varchar(320)	PK	Not Null	{LineID,
Buyer_phoneNumber	買家電話	varchar (20)		Not Null	Email}
Buyer_name	買家姓名	varchar (15)		Not Null	
Buyer_icture	買家照片	bytea			
Referential triggers		On Delete		On Update	

BUYER_PARTICIPATION

Column Name	Meaning	Data Type	Key	Constraint	Domain
Buyer_id	買家 ID	varchar(320)	FK: BUYER(Buyer_account)	Not Null	
Group_id	團購 ID	varchar (20)	FK: GROUP(Group_id)	Not Null,Default(1)	
Referential triggers		On Delete		On Update	
Buyer_id : BUYER(Buyer_account)		Cascade		Cascade	
Group_id: GROUPS(Group_ID)		Set Default		Cascade	

Order

Column Name	Meaning	Data Type	Key	Constraint	Domain
Buyer_id	買家編號	varchar (320)	PK,FK:BUYER(Buyer_account)	Not Null	
Activity_id	團購編號	varchar (20)	PK,FK:GO_ACTIVITY(Activity_id)	Not Null	
Quantity	購買數量	int		Not Null	
Price (我把這個導出項刪掉了後端自己算)	總價	int		Not Null	
Order_time	下訂時間	TIMESTAMP		Not Null	
Order_status	訂單狀態	varchar (30)		Not Null	{已下單、送貨中、已到貨、已完成 }
Comment	評論	varchar (100)			
Star_rating	星等	int			{1,2,3,4,5}

Referential triggers		On Delete		On Update	
Buyer_id : BUYER(Buyer_account)		Cascade		Cascade	
Activity_id : GO_ACTIVITY(Activity_id)		cascade		Cascade	

GO_ACTIVITY

Column Name	Meaning	Data Type	Key	Constraint	Domain
Activity_id	團購編號	varchar (20)	PK	Not Null	
Unite_Price	單位價格	int		Not Null	
Min_quantity	最低開團數	int		Not Null	
Logitisc_status	物流狀況	varchar (20)		Not Null	{取消, 等待, 處理中, 已送達}
Notitfication_staus	通知狀況	varchar (20)		Not Null	{已通知, 未通知}
Group_id	群組編號	varchar (20)	FK:GROUP(Group_id)	Not Null, Default (1)	
Seller_id	賣加編號	varchar(320)	FK		
Goods_id	商品編號	varchar (20)	FK GOODS(Goods_id)	Not Null	

Referential triggers	On Delete	On Update
Goods_id	Cascade	Cascade
Group_id: GROUPS(Group_id)	Set Default	Cascade

GROUPS

Column Name	Meaning	Data Type	Key	Constraint	Domain
Group_id	群組 ID	varchar (20)	PK	Not Null	
Group_Name	群組名稱	varchar (20)		Not Null	
Group_picture	群組照片	varchar (360)			
Group_location	群組位置	varchar (40)		Not Null	
Referential triggers		On Delete		On Update	

GOODS

Column Name	Meaning	Data Type	Key	Constraint	Domain
Goods_id	商品 ID	varchar (20)	PK	Not Null	
Goods_name	商品名稱	varchar (20)			
Goods_Description	商品介紹	varchar (300)		Not Null	
Goods_picture	群組照片	varchar (360)			
Tag	商品標籤	Varchar(20)			
Seller_id	賣家 ID	varchar (320)	PK,FK:SELLER(seller_account)	Not Null	
Referential triggers		On Delete		On Update	
Seller_id: SELLER(seller_account)		Set Default		Cascade	

SELLER

Column Name	Meaning	Data Type	Key	Constraint	Domain
Seller_acccount	賣家 ID	varchar (320)	PK	Not Null	
Seller_phonenumber	賣家電話	varchar (20)		Not Null	
Seller_Name	賣家名稱	varchar (15)		Not Null	
Seller_picture	賣家照片	bytea			
Referential triggers		On Delete		On Update	

AD

Column Name	Meaning	Data Type	Key	Constraint	Domain
Ad_id	廣告 ID	varchar (20)	PK	Not Null	
Ad_picture	廣告圖片	bytea			
Ad_start_time	開始時間	timestamp		Not Null	
Ad_end_time	結束時間	timestamp		Not Null	
Ad_price	廣告收益	int		Not Null	
Seller_id	賣家 ID	varchar (320)	FK:SELLER(seller_account)		
Referential triggers		On Delete		On Update	

SELLER_PARTICIPATION

Column Name	Meaning	Data Type	Key	Constraint	Domain
Seller_id	賣家 ID	varchar(320)	FK: SELLER(Seller_account)	Not Null	
Group_id	團購 ID	varchar (20)	FK: GROUP(Group_id)	Not Null,Default(1)	
Referential triggers		On Delete		On Update	
Seller_id : SELLER(Seller_account)		Cascade		Cascade	
Group_id: GROUPS(Group_ID)		Set Default		Cascade	