

# DB Relationships

Customer Table

ID

Primary  
Auto Increment  
on Insertion  
of Customer  
to table

Transaction Table

Transaction ID
ID

Primary, Auto Increment on Insertion into Transaction table

Foreign, duplicates allowed  
Identifies Customer for Transaction  
Many to one relationship  
with Customer Table

## SQL & DB changes

Change Customer ID in transaction table to Transaction ID and make primary / Auto Increment

Make ID in transaction table foreign key as

Identifies Customer, is inserted into table from Customer table ID and can have duplicates (many transactions for one Customer).

Customer Statement

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GFB

Group F Bank

id	customerID	amount	date	comment
5	3	500.0	05-04-2021	Swimming pool

5	4	100	~	~
5	7	200	~	~
5	8	-300	~	~

is  
Primary key  
on customer  
table,  
foreign key  
in transaction  
table