Diagram Documentation

card_holder

Field	Description	Type	Default	Other
id	This is creating an identification for each card holder.	int		PK
name	Here you receive the name of the card holder.	varchar(100)		

credit_card

Field	Description	Type	Default	Other
card	Here you receive a card number which also is the primary key so it can be referenced uniquely.	varchar(100)		PK
card_holder_id	This card holder id is a reference to the unique id number generated in the card_holder table.	int		FK

merchant

Field	Description	Type	Default	Other
id	This is creating an id for each merchant specific to this table so that each merchant has a uniqe row.	int		PK
name	This is giving the name for each merchant.	varchar(100)		
merchant_category_id	Here we reference the merchant_category table to give a specific category	int		FK

merchant_category

Field	Description	Type	Default	Other
id	This is giving a unique id number to each type of merchant. We are categorizing the merchants to easily reference by group.	int		PK
name	Here we specify the name of each merchant category.	varchar(50)		

transaction

Field	Description	Type	Default	Other
id	This gives a unique id to each individual transaction for easy reference.	bigint		PK
date	Here we are defining the date for each transaction.	varchar(250)		
amount	Here we are specifying the amount for each transaction.	varchar(50)		
card	Here we are giving the card number used for each individual transaction.	varchar(100)		
merchant_id	Here we are referencing the id column in the merchant table for each merchants specific id.	int		FK