

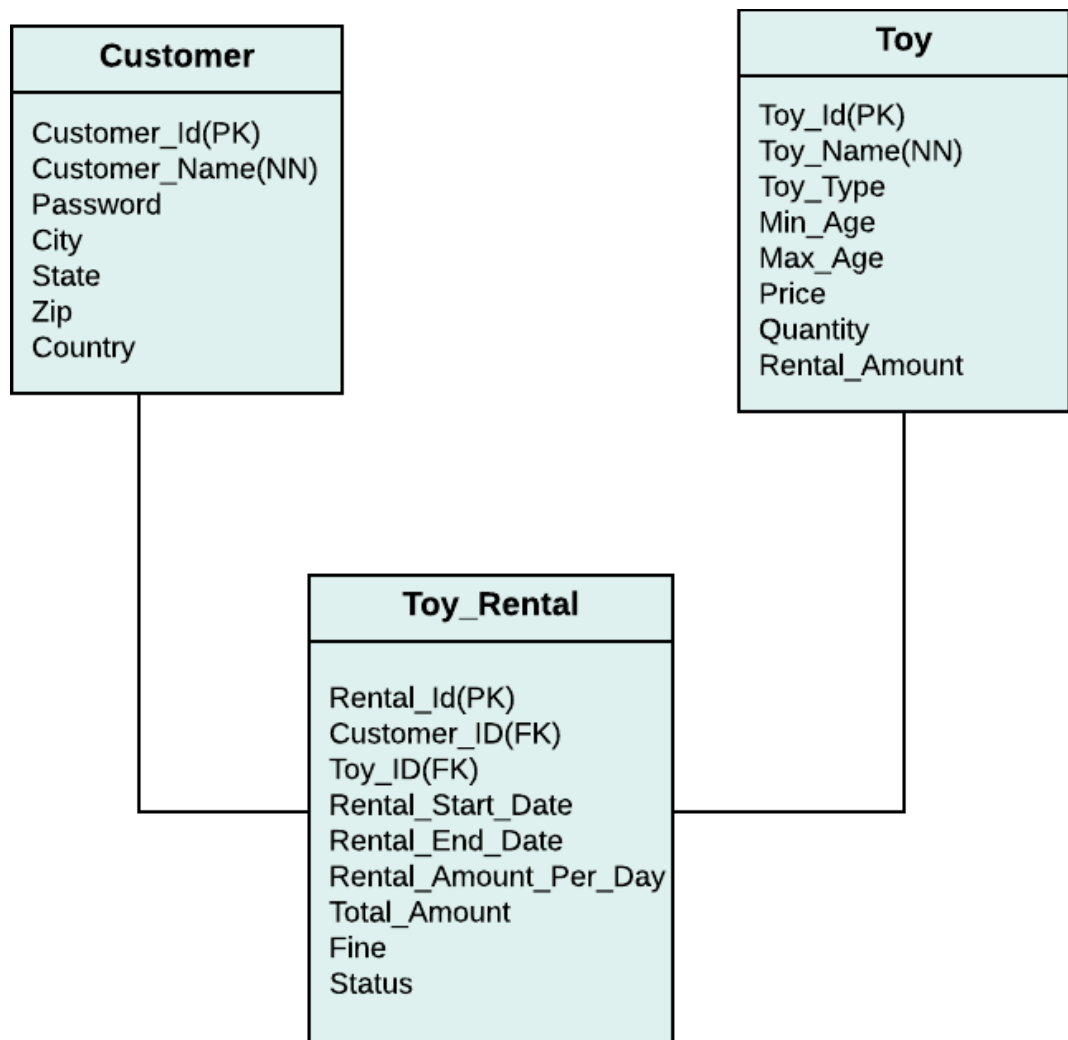
## Problem Statement

In 2009, Mr. Harry Peter, founded a Baby Toy Company LLP, in United States, its headquarters in Los Angeles, CA. The company was selling premium toys, but the business had been stagnant over the years. Harry Peter was looking at bringing in new offerings to increase revenue. A survey was conducted on kids and their preference for toys, and it was found that attention span/engagement with a new toy lasts only few days for kids and they start demanding a new one within a week. However, the survey also brought out that parents found affording premium toys difficult. Like any businessman, Harry Peter saw an opportunity here and decided to launch a new offering of premium toys being available on rent. He directed his IT team to make rental options for customers available on their online portal.

Your company **ABC Corp**, India has been awarded this project and you are chosen as one of the developers, to provide solution for the Baby Toy Company LLP.

At a very high level the Business Analyst has captured the attributes of the business shown in Figure 1.0

Figure 1.0



### 1. Display the Customer Count Based on the City

**Expected output.**

CITY	COUNT(*)
Jaipur	2
Chandigarh	1
Delhi	1
Kolkatta	1
Mumbai	2
Bangalore	1
New Delhi	1
Hyderabad	2
Vizag	1
Chennai	3

### 2. Display the customer who has availed rental more than two toys currently.

**Expected output.**

CUSTOMER_NAME
Kanishk
Alvyna
Jommy

### 3. Display the toys which were not at all rented out and display toy names in the ascending order of the toy id.

**Expected output.**

TOY_NAME
First Builders
Fill and Spill Coin
Posting Challenge
SICK Science
Count Colors Band

### 4. Display the toys which was rented out on 20/05/2020

**Expected output.**

RENTAL_ID	CUSTOMER_ID	TOY_ID	RENTAL_START_DATE	RENTAL_END_DATE	RENTAL_AMOUNT_PER_DAY	TOTAL_AMOUNT	FINE	STATUS
2516	1012	5203	20-05-20	30-05-20	25	250	(null)	Received

5. Fetch the toys which were on rent for maximum duration.

**Expected output.**

TOY_NAME
1 Brick Buster

6. Display the Rental details of a customer “John”

**Expected output.**

RENTAL_ID	CUSTOMER_ID	TOY_ID	RENTAL_START_DATE	RENTAL_END_DATE	RENTAL_AMOUNT_PER_DAY	TOTAL_AMOUNT	FINE	STATUS
2409	1004	5206	20-02-20	25-03-20	25	1525	100	Received

7. Fetch the user information who have not returned the toys after the rental period.

**Expected output.**

CUSTOMER_ID	CUSTOMER_NAME	PASSWORD	CITY	STATE	ZIP	COUNTRY
1012	Jommy	2172FAC6E1F1E89C	Kolkatta	WestBengal	700001	India

8. Identify the customers who have opted for more than 1 toy for rental.

**Expected output.**

CUSTOMER_ID	CUSTOMER_NAME	PASSWORD	CITY	STATE	ZIP	COUNTRY
1006	Kishore	9F74E2D8AB46AE85	Chennai	TamilNadu	600075	India
1001	Kanishk	22972ADA6A50761106977E9A085D2E1B	Chennai	TamilNadu	600075	India
1002	Krithick	B4FE300145D556219567A4FD04B2DCBF	Bangalore	Karnataka	560001	India
1010	Alvyna	4E34B4D4FA7F1020	Vizag	Andhra	530013	India
1012	Jommy	2172FAC6E1F1E89C	Kolkatta	WestBengal	700001	India

9. Display the customer details who has availed electronic toys for rental.

Note: sort the output based on customer\_id.

**Expected output.**

CUSTOMER_ID	CUSTOMER_NAME	CITY
1001	Kanishk	Chennai
1004	John	New Delhi
1010	Alvyna	Vizag
1012	Jommy	Kolkatta

**10.** Display the ids of top 2 customers in descending order of total revenue generated for each customer.

**Expected output.**

	CUSTOMER_NAME
1	Alvyna
2	Kanishk

### Submission Guidelines

- Execute all the queries using MySQL database and take the screenshot of the output.
- Filename: “Your name - SQL MicroProject ”
- Upload on Lumen in the given placeholder

Happy SQL Coding!!