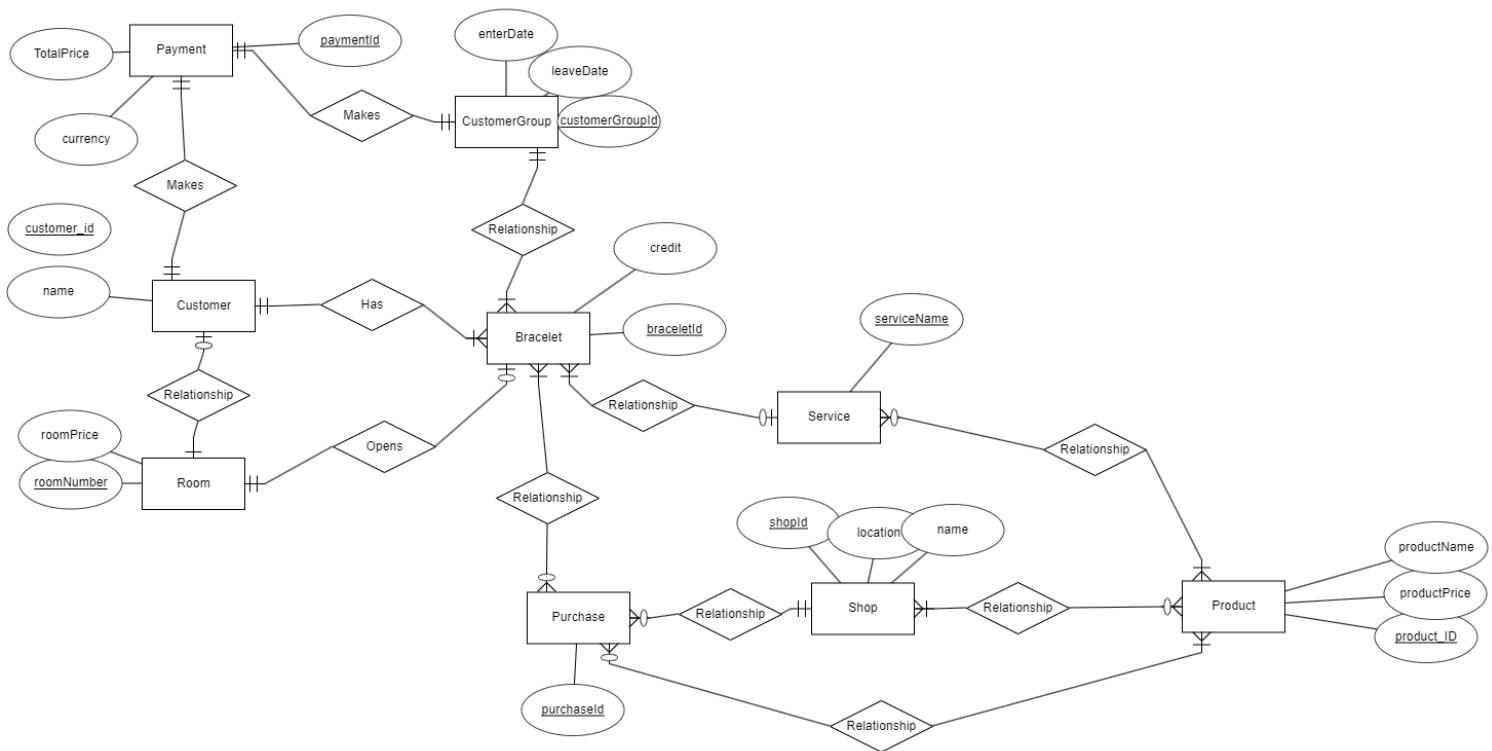
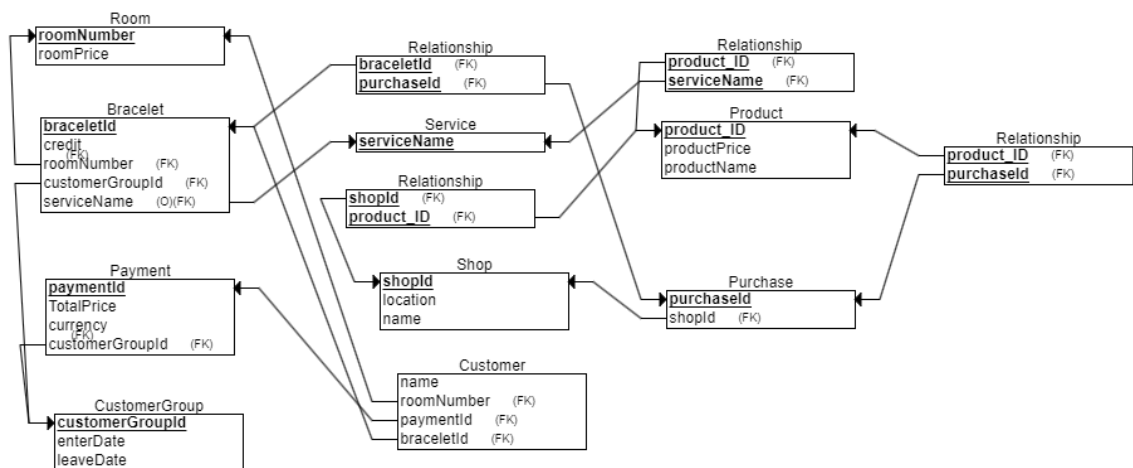


\*Tein tehtävän yksin, en ollut osallisena ryhmätyössä.

1



2



### 3

#### **Payment**

Customer Group makes a single payment for the total price of room, services and products they have bought during their stay.

Payment has a total price, currency and an ID.

#### **Customer**

Resident of the hotel. Customer is a part of a customer group.

Customer has a name and an ID.

#### **Customer Group**

Group that is made of many customers. When the customer group leaves the hotel, they make a payment for the total amount they have spent in the hotel, using their wanted currency.

Every group has a enter date, leave date and an ID.

#### **Bracelet**

Every customer has their own bracelet. Customers can open hotel rooms with their bracelet. Also possible for customers to open many hotel rooms with their bracelet if they have bought many rooms. Bracelet can be used to make purchases and allows access to services.

Bracelet has an ID and the amount of credits the customer has bought.

#### **Product**

Shops include products. Services also count as products.

Product has a name, a price and an ID.

#### **Shop**

Place for buying products.

Shop has a name, a location and an ID.

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Service

A place for customers to spend time.

Service has a name.

Purchase

Customers can buy products in shops with their bracelet.

Every purchase has an ID.

Room

Rooms where customers (or customer groups) can live.

Room has a number and a price.

4

Payment

totalPrice	currency	paymentId 🔑
100,000000	USD	2
150,000000	EUR	1

Customer

customerId 🔑	name	paymentId 🔑	braceletId 🔑	roomNumber 🔑	groupId 🔑
1	John	1	1	100	1
2	Lisa	2	2	100	1
3	Alice	3	3	100	1
4	Matt	4	4	101	2
5	Anna	5	5	101	2

Customer Group

enterDate	leaveDate	groupId 🔑	paymentId 🔑
2022-09-05	2022-09-10	1	1
2022-09-07	2022-09-12	2	4

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## Bracelet

braceletId	credit	roomNumber	groupId	customerId
1	20,000000	100	1	1
2	0,000000	100	1	2
3	0,000000	100	1	3
4	50,000000	101	2	4
5	0,000000	101	2	5

## Product

productId	productPrice	productName	shopId
1	10,000000	MegaBurger	3
2	2,000000	Coca Cola	1
3	15,000000	Shirt	2

## Shop

shopId	location	name
3	Mall	BurgerShop
2	Mall	StyleShop
1	Pool	PoolBar

## Service

serviceName
Gym
Mini Golf

## Purchase

purchaseId	shopId
1	2
2	3

## Room

roomNumber	roomPrice
100	70,000000
101	70,000000