Hotel

hotelId	name	description	stars	city	address
PK, SA	NN	NN	NN	FK City.cityId	NN

Room

number	floor	size	hotel	roomType
PK	PK	NN	FK Hotel.hotelId	FK RoomType.name

RoomType

name	description	capacity	price
PK	NN	NN, CK [price >= 0]	NN, CK [price >= 0]

Amenity

name	description
PK	NN

Offers

amenity	roomType
PK, FK Amenity.name	PK, FK RoomType.name

OccupancyDate

id	date	CK1 [date > 01/01/1850]
PK	NN, CK1	

AvailableDate

occupancyDate	room	available
PK, FK occupancyDate.id	PK, FK RoomType.name	PK

Booking

id	numberOfAdults	numberOfChildren	roomNumber	roomFloor	consumptionOffer
PK	NN, CK > 0	NN, CK >= 0	FK Room.number	FK Room.floor	FK ConsumptionOffer.id

Payment

booking	paymentMethod
PK, FK Booking.id	PK, FK PaymentMethod.name

User

firstName	lastName	documentType	documentNumber	email	bornDate	role	group
NN	NN	NN	PK	NN	NN, CK1	NN, CK("Cliente", "Receptionist", "Employee", "DataAdmin", "HotelManager")	FKGroup.id

CheckIn/CheckOut

booking	user	checkInDate	checkInMade	checkOutDate	checkOutMade
PK, FKBooking.id	PK, FKUser.documentNumber	PK, CK1	PK	PK, CK1	PK

Reservation

id	date	startHour	duration	numberOfGuests	CK2 [>= 00:00:00]
PK	NN, CK1	NN, CK2	NN, CK2	NN, CK > 0	

ReservationOfService

reservation	serviceOccupancyHour
PK, FKReservation.id	PK, FKServiceOccupancyHour.id

Service

id	name	description	startWorkHour	endWorkHour	EmployeeThatRegisterService
PK	NN	NN	NN, CK2	NN, CK > 0	PK, FKUser.documentNumber

ServiceInvoice

id	value	createdDate	paidDate	paid	service	consumptionAccount
PK	NN	NN, CK1	CK1	NN	FKService.id	FKConsumptionAccount.id

FoodProduct

id	name	description	price	imgSrc	restaurant
PK	NN	NN	NN, CK >= 0	NN	FKRestaurant.id

IncludedFood

consumptionOffer	foodProduct	maxNumberOfIncludedItems	productDiscount
PK, FKConsumptionOffer.id	PK, FKFoodProduct.id	PK	PK

Restaurant

id	name	type	foodType	musicType
PK	NN	NN, CK("Bar", "Restaurant")	NN	NN

ConvenienceService

ConvenienceIsService	type
PK, FK_{Service.id}	NN, CK("Pool", "Gym", "Internet" , "Supermarket", "Store", "Laundry", "UtensilsLoan")

GastronomyService

GastronomyIsService	description	restaurant
PK, FK_{Service.id}	NN	FK_{Restaurant.id}