



"MIJNURAN"

HOTEL MANAGEMENT
SYSTEM

OVERVIEW OF PROJECT & ANALYZE THE REQUIREMENTS

Presentation are communication tools that can be used as The main objective of this project is to create a database management system for a hotel. We will be managing the below areas of the hotel database management system.

- The hotel chains, their details.

- The hotel and their details and other information like the rooms and their description and discounts, etc.

- Information about employees and departments they work in.

- Information about guests.

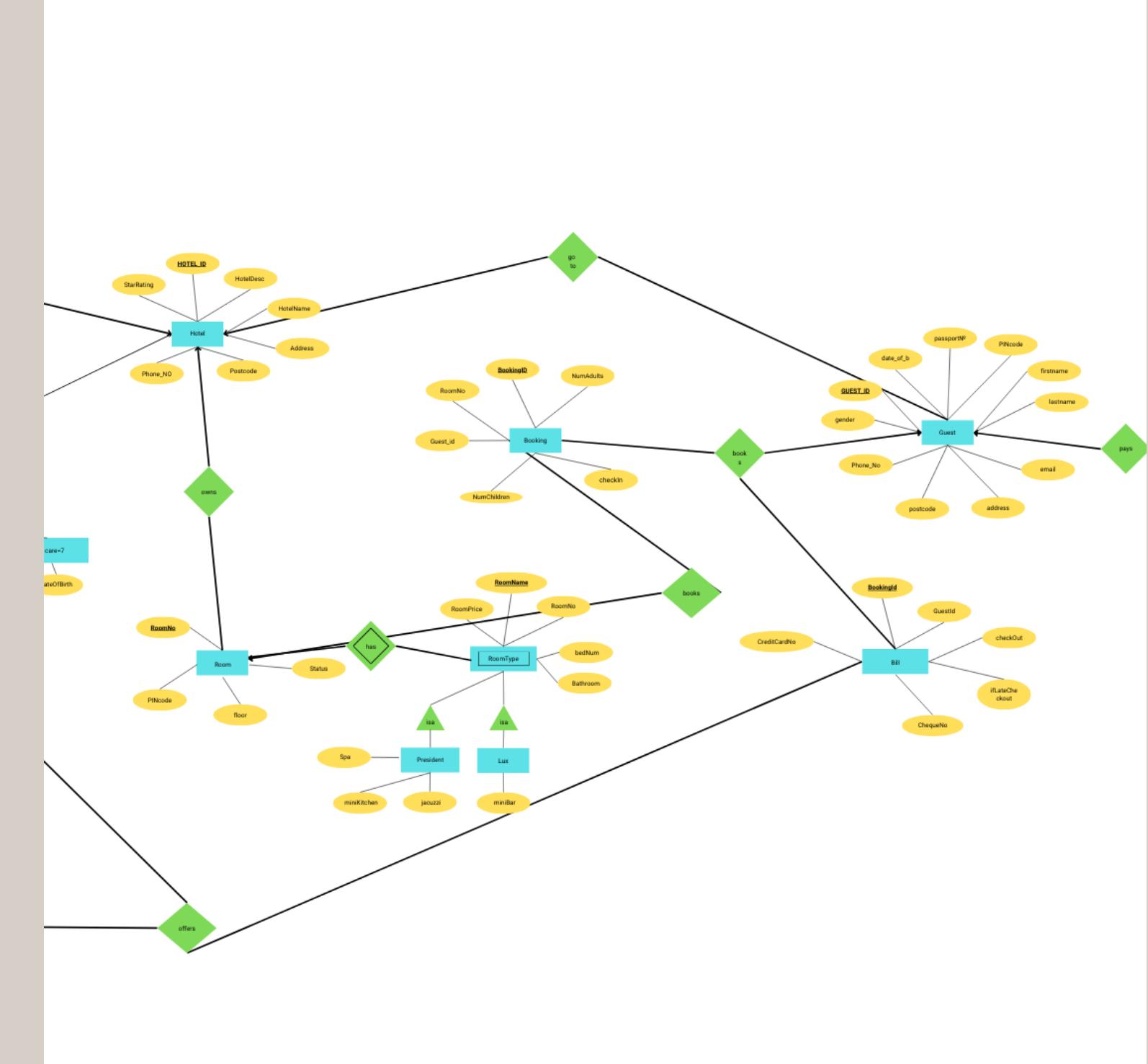
- Managing bookings and other services used by the guests. The end-users are the guests who stay in the hotel.

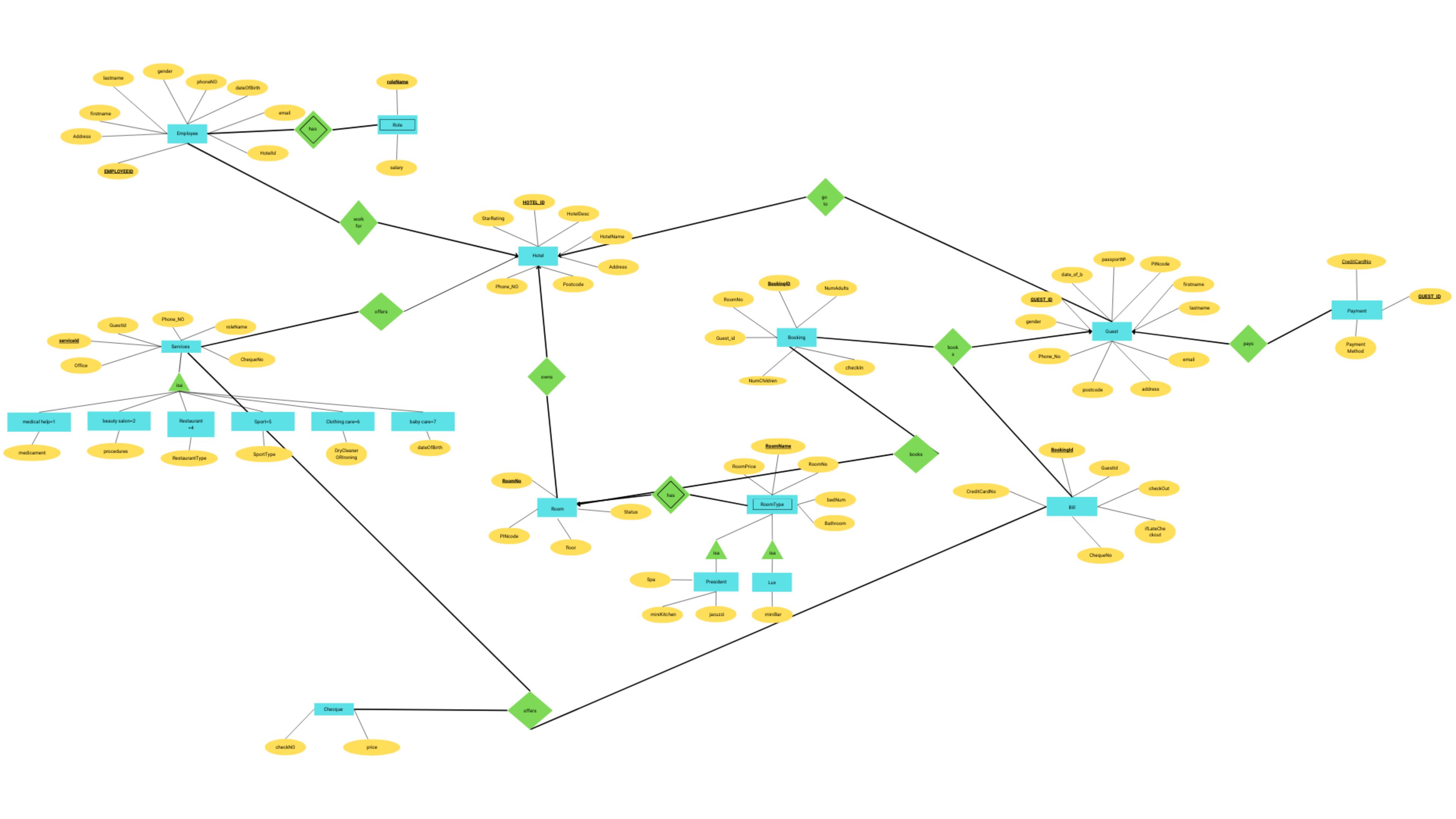
- How will data obsolescence be handled? We keep them.

ENTITY RELATIONSHIP DESIGN:

We started with designing the structure of the database. We designed each table with columns and attributes respectively and trying to make an idea about the relationships between tables. We tried to keep the tables in a form where we can reduce the data redundancy and tried to make it accessible in an easy and simple way.

https://www.canva.com/design/DAFT4XI2ODQ/44Ua543BiBpoDeYJrEQSvq/edit?utm_content=DAFT4XI2ODQ&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton





GUEST

guestID	passportNo	email	phoneNumber	postcode
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guestId -> passportNo,email,phoneNumber,postCode

passportNo	firstName	lastName	gender	dateOfBirth
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passportNo -> firstName,lastName,gender,postCode

postcode	address
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postCode-> address

HOTEL

hotelID	hotelName	hotelDesc	phoneNo	starRating	postCode
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hotelId -> hotelName,HotelDesc,starRating,postCode

postCode	address
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postCode -> address

C) NORMALIZATION:

SERVICES

<u>serviceID</u>	guestID	roleName	chequeNo	office
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serviceId -> guestId, roleName, chequeNo

office	phoneNumb
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office -> phoneNumb

guestID	paymentMethod	<u>creditCardNo</u>
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creditCardNo -> guestId, paymentMethod

BILL

bookingID	guestID	chequeNo	checkOut	ifLateCheckOut	creditCardNo
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BOOKING

<u>bookingID</u>	numAdults	roomNo	numChildren	guestID
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BEAUTY SALON

<u>serviceID</u>	beautyProcedures
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serviceId -> beautyProcedures

MEDICAL HELP

<u>serviceID</u>	medicament
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serviceId -> medicament

BABY CARE

<u>serviceID</u>	dateOfBirth
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serviceId -> dateOfBirth

SPORT

<u>serviceID</u>	sportType
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C) NORMALIZATION:

roomNo ->PINcode, floor,status

ROOMTYPE

<u>roomName</u>	roomPrice	bedNum	bathroom	roomNo
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roomName -> roomPrice, bedNum,bathroom,roomNo

LUX

PRESIDENT

<u>roomName</u>	miniKitchen	SPA	jacuzzi
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roomName -> miniKitchen, SPA,jacuzzi

EMPLOYEE

<u>employeeID</u>	lastName	firstName	email	phoneNo	dateOfBirth	address	gender	HotelId
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employeeID -> lastName,firstName,phoneNo,email,dateOfBirth,address,gender

ROLE

<u>employeeID</u>	roleName	salary
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THANK YOU
FOR THE
ATTENTION