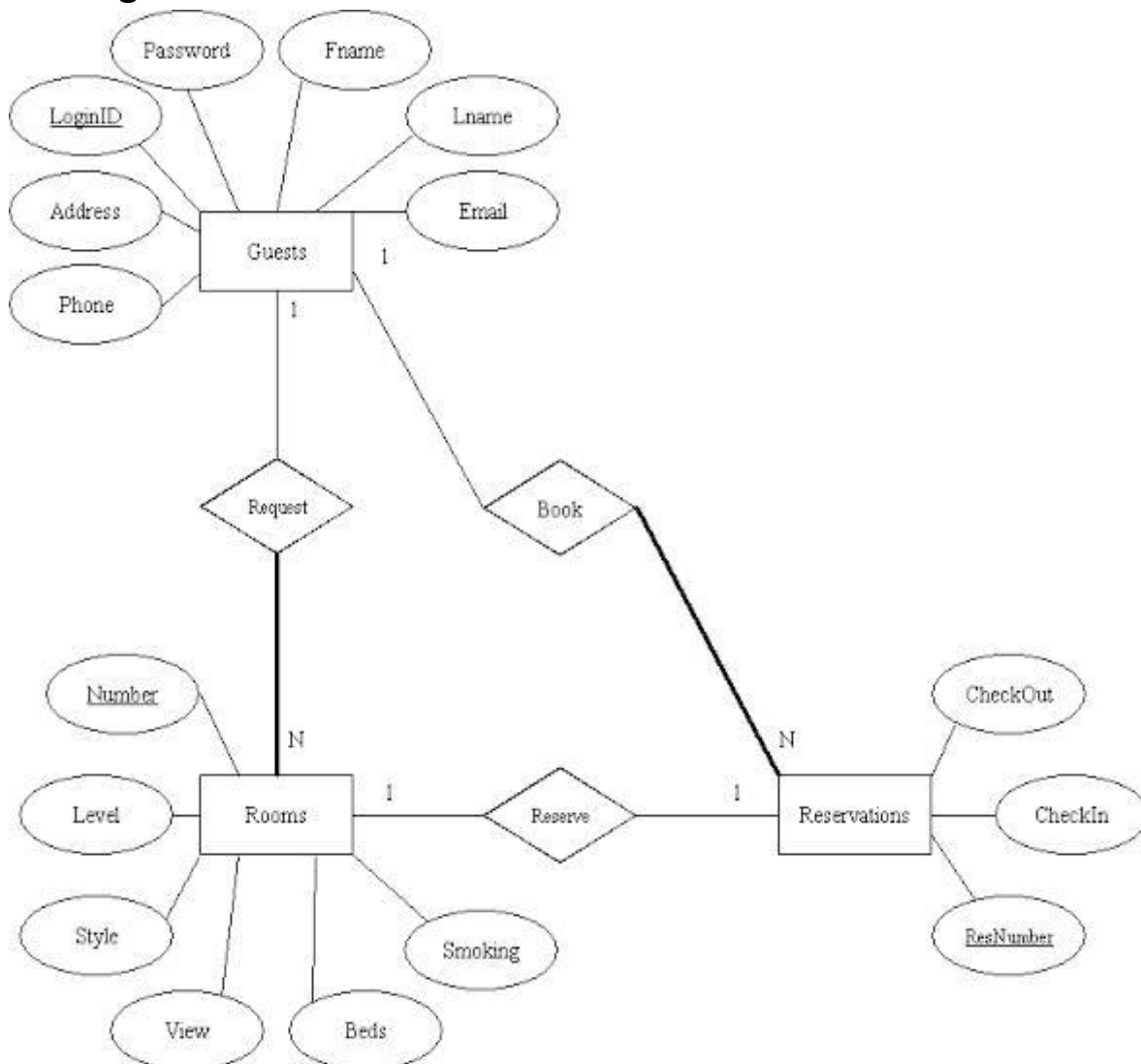# Data Management Project

Project Name :   Hotel Reservation Database System

Project description: The data is then passed onto a backend system which can be accessed by hotels to manage bookings. Other features may come with it – for example, the automation of reservation confirmation emails.

Small hotel managers and owners recognize that technology is key to growing their business and increasing their bookings overtime

ER Diagram:

Database Schema:

Guest(<u>LoginID</u>,password,Address,Phone,Fname,Lname,Email)

Rooms(<u>RoomID</u> ,RoomNo, level,Style,View,Beds,Smoking)

Reservations(<u>ResID</u>,CheckOut,CheckIn)

```
CREATE TABLE Guest  (

        LoginID   INTEGER,
        Password    CHAR(),
        Address     CHAR(50),
        Phone        CHAR(50) ,
        Fname        CHAR(50),
        Lname        CHAR(50),
        Email        CHAR(50),
        PRIMARY KEY (LoginID)  )

CREATE TABLE Rooms   (
        RoomID  INTEGER,
        RoomNo INTEGER,
        Level        CHAR(50),
        Style        CHAR(50),
        View         CHAR(50),
        Beds         CHAR(50),
        Smoking     CHAR(50)
        PRIMARY KEY (RoomID)  )

CREATE TABLE  Reservations(
        ResID INTEGER,
        CheckOut    CHAR(50),
        CheckIn       CHAR(50),
        PRIMARY KEY (ResID)   )
```

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