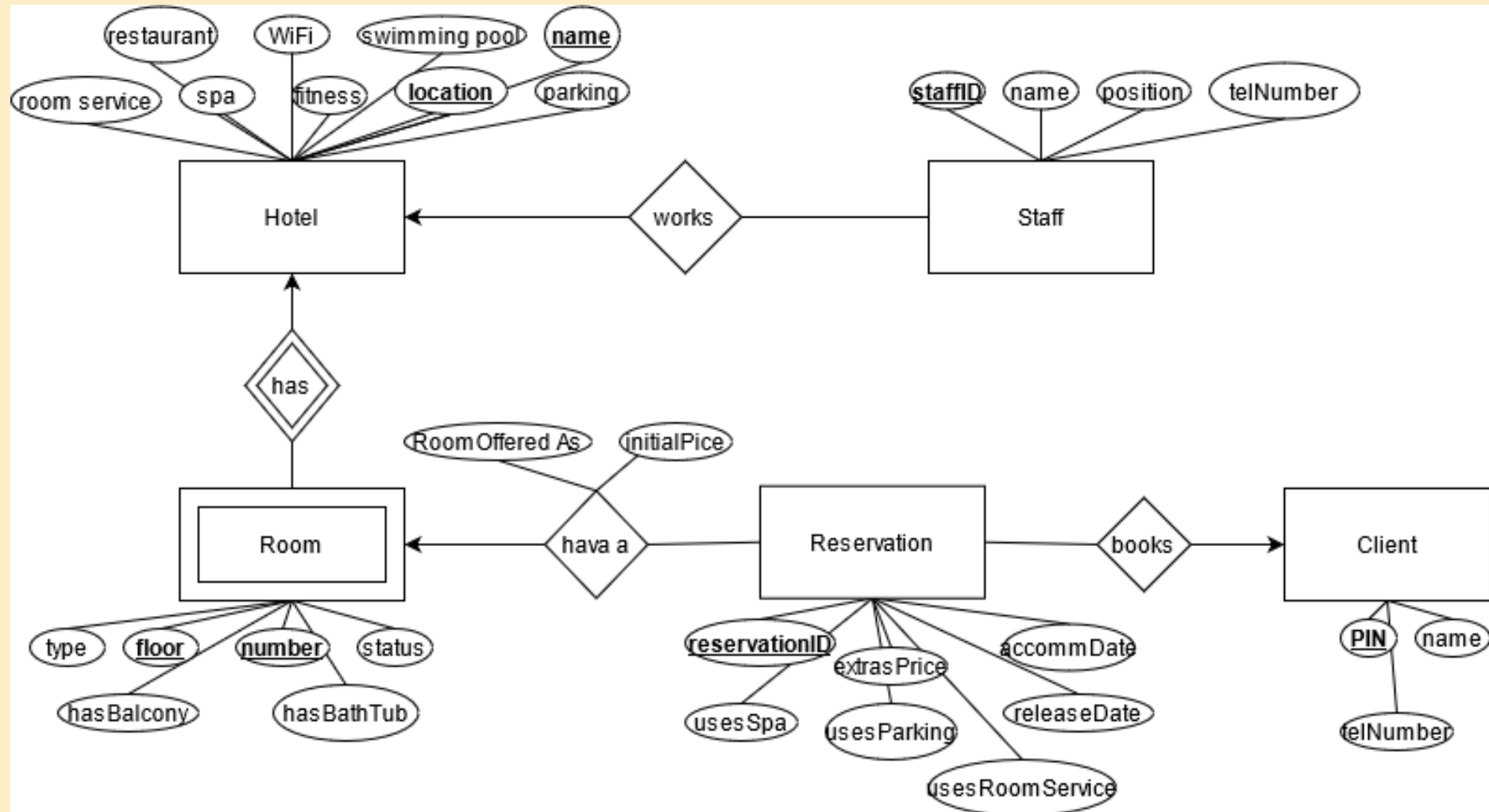




БАЗИ ОТ ДАННИ - ПРАКТИКУМ

Тема 3 - База от данни за верига хотели

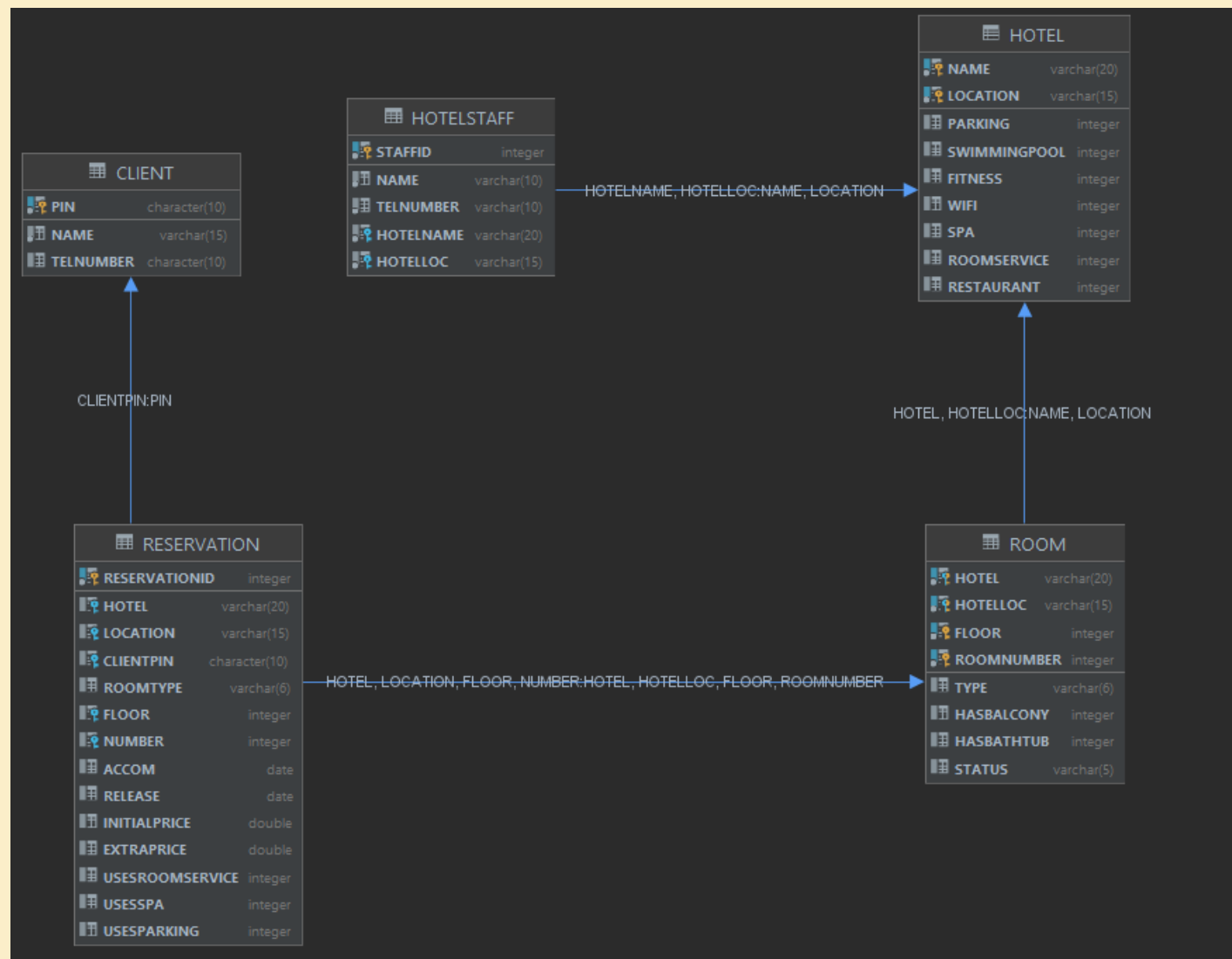
Е/R диаграма на модела



Релационни схеми

- Hotel (name, location, parking, swimmingPool, fitness, Wi-Fi, spa, room service, restaurant);
- Staff (staffID, name, position, telNumber, hotelName, hotelLocation);
- Room (hotelName, hotelLocation, floor, number, type, hasBalcony, hasBathTub, status);
- Client (PIN, name, telNumber);
- Reservation (reservationID, accommDate, releaseDate, extraPrice, usesSpa, usesParking, usedRoomService, clientPIN, hotelName, hotelLocation, roomFloor, roomNumber, roomIsOfferedAs, initialPrice);

Схема на базата от данни



1)INSERT 2)DELETE 3)SELECT 4)EXIT

Enter the number of the command:

1)INSERT 2)DELETE 3)SELECT 4)EXIT

Enter the number of the command: 1

1)INSERT HOTEL 2)INSERT ROOM 3) INSERT RESERVATION 4)INSERT CLIENT 5)INSERT STAFF 6)GO BACK

Enter the number of the command:

1)INSERT 2)DELETE 3)SELECT 4)EXIT

Enter the number of the command: 2

1)DELETE HOTEL 2)DELETE ROOM 3)DELETE RESERVATION 4)DELETE CLIENT 5)DELETE STAFF 6)GO BACK

Enter the number of the command:

1)INSERT 2)DELETE 3)SELECT 4)EXIT

Enter the number of the command: 3

1)SEARCH FOR HOTEL IN LOCATION 2)SEARCH FOR CLIENT 3)SEARCH FOR STAFF INFO

4)SEARCH FOR HOTEL WITH SPA 5)SEARCH FOR HOTEL WITH A FITNESS CENTER 6)SEARCH FOR HOTEL WITH PARKING

7)SEARCH FOR ROOMS WITH BALCONY 8)SEARCH FOR ROOM WITH A BATH TUB 9)SEARCH FOR FREE ROOMS

10)SEARCH FOR TAKEN ROOMS 11)SEARCH FOR RESERVATION INFO 12)GO BACK

Enter the number of the command: |

1)INSERT 2)DELETE 3)SELECT 4)EXIT

Enter the number of the command: 3

1)SEARCH FOR HOTEL IN LOCATION 2)SEARCH FOR CLIENT 3)SEARCH FOR STAFF INFO

4)SEARCH FOR HOTEL WITH SPA 5)SEARCH FOR HOTEL WITH A FITNESS CENTER 6)SEARCH FOR HOTEL WITH PARKING

7)SEARCH FOR ROOMS WITH BALCONY 8)SEARCH FOR ROOM WITH A BATH TUB 9)SEARCH FOR FREE ROOMS

10)SEARCH FOR TAKEN ROOMS 11)SEARCH FOR RESERVATION INFO 12)GO BACK

Enter the number of the command: 2

Please enter PIN: 9201172828

Executing query: SELECT C.PIN, C.NAME, C.TELNUMBER FROM FN72003.CLIENT C WHERE PIN = '9201172828'

Result output

9201172828, Ivo, null

1)INSERT 2)DELETE 3)SELECT 4)EXIT

Enter the number of the command: 1

1)INSERT HOTEL 2)INSERT ROOM 3) INSERT RESERVATION 4)INSERT CLIENT 5)INSERT STAFF 6)GO BACK

Enter the number of the command: 1

Please enter hotel name: Rila

Please enter hotel location: Dupnica

Does the hotel have a parking ? Type 1 for YES and 0 for NO 1

Does the hotel have a swimming pool ? Type 1 for YES and 0 for NO 1

Does the hotel have a fitness center ? Type 1 for YES and 0 for NO 0

Does the hotel have WiFi ? Type 1 for YES and 0 for NO 1

Does the hotel have a spa ? Type 1 for YES and 0 for NO 1

Does the hotel have a room service ? Type 1 for YES and 0 for NO 1

Does the hotel have a restaurant ? Type 1 for YES and 0 for NO 1

Successfully inserted!