Nama : Afina Putri Dayanti

NIM : 825200049

Jurusan : Sistem Informasi (Database Systems)

5.7 List full details of all hotels.

SELECT \* FROM Hotel

5.8 List full details of all hotels in London.

SELECT \* FROM Hotel WHERE city = “London”

5.9 List the names and addresses of all guests living in London, alphabetically ordered by name.

SELECT \* FROM guest

INNER JOIN Booking ON Guest.guestNo = Booking.guestNo

INNER JOIN Hotel ON Hotel.hotelNo = Booking.hotelNo

WHERE Hotel.city = “London”

ORDER BY guestName ASC

5.10 List all double or family rooms with a price below £40.00 per night, in ascending order of price.

SELECT \* FROM Room

WHERE price < 40.00 AND (type = “double” or type = “family”)

ORDER BY price ASC

5.11 List the bookings for which no dateTo has been specified. Aggregate functions

SELECT \* FROM Booking

WHERE dateTo IS NOT NULL

5.12 How many hotels are there?

SELECT COUNT(\*) AS totalHotel FROM Hotel

5.13 What is the average price of a room?

SELECT AVG(price) AS averagePrice FROM Room

5.14 What is the total revenue per night from all double rooms?

SELECT COUNT(\*) AS totalBooking FROM Booking INNER JOIN Room ON Room.roomNo = Booking.roomNo

5.15 How many different guests have made bookings for August?

1. SELECT DISTINCT COUNT (guestNo) AS totalGuests FROM Booking

WHERE Month(dateTo) = 8

1. SELECT COUNT(SELECT DISTINCT guestNo FROM booking WHERE Month(dateto) = 8) AS total Guest