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DATABASE MANAGEMENT SYSTEM – FINAL COURSEWORK 01

**Question 01**

Guest

Booking Preferences

Cancellation Details

Room Information

Room Type

Room views

Final bill

Discount information

Payment methods

Financial Staff

Receptionist Staff

Housekeeping Staff

IT Staff

software maintains information

**Question 02**

One Guest have at least one or meny Booking Preferences and Booking Preferences have only one guest and must have one a guest

One Booking Preferences have zero or one Cancellation Details and Cancellation Details have only one Booking Preferences and must have one a Booking Preferences

One receptionist staff manages the at least one or many Booking Preferences and one many Booking Preferences manage by only one receptionist staff and must have one

Many housekeeping staff manages the at least one or many Booking Preferences and many Booking Preferences manage by at least one or many housekeeping staff. (Many to many relationship) Associated entity with ‘duty’ attribute.

One Room Information have zero or meny Booking Preferences and one Booking Preferences have only one Room Information and must have one a Room Information

Many Room Information has at least one or many Room views and many room view have at least one or many room information as well. (Many to many relationship) only joining table.

One room type has at least one or Many room information and one room information belong to only one room type and at least have one room type

One Booking Preferences have optional or one final bill and final bill only have one Booking Preferences and must have one.

One payment method has at least one or many final bills and final bill belong to only one payment method and must have one.

One discount information has zero or many final bills and final bill only have one discount information and its optional.

One payment method has at least one or many discount information and discount information belong to only one payment method and must have one.

One financial staff manages the at least one or many final bills and one final bill manage by only one financial staff and must have one

Many It staff manages the at least one or many software maintains and many software maintains manage by at least one or many It staff. (Many to many relationship) – Associated entity with ‘duty’ attribute.

**Question 03**

Guest

Booking Preferences

Cancellation Details

Room Information

Room Type

Room views

Final bill

Discount information

Payment methods

Financial Staff

Receptionist Staff

Housekeeping Staff

IT Staff

software maintains information