

h_stars					
Field Name	Data Type	Field Length	Constraints	Description	Example
stars_id	Int	20	Primary Key	Identifier for h_stars table	1
stars_number	Int	20	-	The value of the stars	1

Hotel					
Field Name	Data Type	Field Length	Constraints	Description	Example
hotel_id	Varchar	105	Primary key	Identifier for hotels table	Fairmont4
hotel_name	Varchar	30	-	The name of the hotel	fairmont
hotel_phone	Varchar	20	-	The phone of the hotel	223922704
hotel_address	Varchar	70	-	The address of the hotel	2005B Nile Corniche Cairo Egypt
stars_id	Int	20	Foreign key	The rating of the hotel	5

service_type					
Field Name	Data Type	Field Length	Constraints	Description	Example
hotel_service_id	Varchar	30	Primary key	Identifier for service types table	S1
service_type	Varchar	255	Not null	The name of the service	wi-fi services
service_price	Decimal	20	Not null	The price of the service	50

Services					
Field Name	Data Type	Field Length	Constraints	Description	Example
service_name	varchar	255	-	The name of the service	Network services
hotel_id	varchar	105	Foreign key	The hotel that provides the service	Fairmont4
hotel_service_id	varchar	30	Foreign key	The service type id	S1

RoomType					
Field Name	Data Type	Field Length	Constraints	Description	Example
Code	varchar	255	Primary key	Identifier for room types table	ssn
Name	varchar	255	-	The name of the room type	Single
Price	Money	20	-	The price of the room	300

RoomType1					
Field Name	Data Type	Field Length	Constraints	Description	Example
room_view	Varchar	255	-	The view that is provides by the room	Large pool
Price	money	20	-	The price of the room type to be added	300
Code	Varchar	255	Foreign key	The code of the room type	San

Room					
Field Name	Data Type	Field Length	Constraints	Description	Example
room_id	Varchar	50	Primary key	Identifier for room table	C11
room_status	Varchar	50	-	Either the room is currently available or nit	Available
occupancy_from	Date	-	-	The start date the room is busy	12/02/2020
occupancy_to	Date	-	-	The end date the room is busy	19/02/2020
Code	Varchar	255	Foreign key	The code of the room	Que
hotel_id	Varchar	105	Foreign key	Which hotel the room belongs to	Fairmont4

Customer					
Field Name	Data Type	Field Length	Constraints	Description	Example
Customer-id	Varchar	50	Primary key	Identifier for customer table	Bn210258
customer_name	Varchar	50	-	The name of the customer	Ali Hamid
customer_address	Varchar	70	-	The address of the customer	St 9 Maadi
customer_country	Varchar	70	-	The country of the customer	Egypt
Email	Varchar	30	-	The email of the customer	AliHamid@hotmail.com

Guests					
Field Name	Data Type	Field Length	Constraints	Description	Example
serial_code	Int	20	Primary key	Identifier for guests table	1
guest_id	Varchar	30	Not null, unique	The number of the guest	M75498621
Name	Varchar	30	not null	The name of the guest	Mohamed ail
Type	Varchar	6	Enum	The gender of the guest	Male
age	Int	20	not null	The age of the guest	61
Nationality	Varchar	20	not null	Which country the guest from	Egyptian
City	Varchar	20	not null	Which city the guest from	Cairo
Phone	Varchar	20	not null	The phone number of the guest	122207923
Email	Varchar	30	not null	The email of the guest	mohames_12@gmail.com

Reservation					
Field Name	Data Type	Field Length	Constraints	Description	Example
Resid	Int	20	Primary key	Identifier for reservation table	10099
Resdate	Date	-	-	The date of the reservation	22/11/2021
Resform	Date	-	-	The date the reservation starts	1/12/2021
Resto	Date	-	-	The date the reservation ends	08/12/2021
Payment code	int	20	-	The code of the payment done to do this reservation	852147
Paymenttype	Varchar	50	-	Type of the payment	cash
Checkingindate	Date	-	-	Date of check in	01/12/2021
Checkingoutdate	Date	-	-	Date of checkout	06/12/2021
Totalamount	money	20	-	The amount paid for this reservation	3800
Numerofrooom	Varchar	50	-	The number of room that is reserved	158b
customer_id	Varchar	50	Foreign key	The customer that did this reservation	Bn210258

Reservation_room					
Field Name	Data Type	Field Length	Constraints	Description	Example
Resid	Int	20	Foreign key	The number of specific reservation	10099
room_id	Varchar	50	Foreign key	The room taken for this reservation	C11

Reservation_Guests					
Field Name	Data Type	Field Length	Constraints	Description	Example
Resid	int	20	Foreign key	The number of specific reservation	10099
guest_id	Varchar	30	Foreign key	The guest included in this reservation	M75498621

Reservation_Services					
Field Name	Data Type	Field Length	Constraints	Description	Example
hotel_service_id	Varchar	30	Foreign key	The id of specific service	S1
Resid	Int	20	Foreign key	The reservation that is having this service	10099