TABLE NAME	TABLE DESCRIPTION	# of Attributes
Hotel	Contains information about the different hotels	9
Room	Contains information about the rooms in each hotel	4
Guest	Contains information about the guests booking a room	13
Amenities	Contains a list of amenities and the times available	2
Offers	Connects hotel and amenities	2
Books	Connects Guest and Room	3

Hotel TABLE

ATTRUBUTE NAME	ATTRIBUTE DESCRIPTION	Domain	Range	PK	FK	Null
hotelCode	A unique code that identifies each hotel	Text	(A-Z) (a-z) (0-9)	yes	no	no
name	Name of the hotel	Text	(A-Z) (a-z)	no	no	no
hstreet	Address of the hotel	Text	(0-9) (-)	no	no	no
hcity	City the hotel is located in	Text	(A-Z) (a-z)	no	no	no
hstate	State the hotel is located in	Text	(A-Z) (a-z)	no	no	no
hzip	Zip code of the hotel	Text	(0-9)	no	no	no
areaCode	Area code for phone number	Text	(0-9)	no	no	no
hphone	Phone number for the hotel	Text	(0-9) (-)	no	no	no
rating	The rating of the hotel (out of 5 stars)	Text	(A-Z) (a-z) (0-9)	no	no	no

Room TABLE

ATTRUBUTE NAME	ATTRIBUTE DESCRIPTION	Domain	Range	PK	FK	Null
type	Type of room to be booked	Text	(A-Z) (a-z)	yes	no	no
isAvail	Returns Y or N depending on availability of rooms	Text	(Y) (N)	no	no	no
hotelCode_FK	Unique code that identifies each	Text	(A-Z) (a-z) (0-9)	yes	yes	no
price	The price of room per night	Numeric	(0-9) (.)	no	no	no

Guest TABLE

ATTRIBUTE NAME	ATTRIBUTE DESCRIPTION	Domain	Range	PK	FK	Null
fname	Guest first name	Text	(A-Z) (a-z)	no	no	no
lname	Guest last name	Text	(A-Z) (a-z)	no	no	no
street	Guest address	Text	(A-Z) (a-z) (0-9)	no	no	no
gcity	Guest city	Text	(A-Z) (a-z)	no	no	no
gstate	Guest state	Text	(A-Z) (a-z)	no	no	no
gzip	Guest zip code	Text	(0-9)	no	no	no
gphone	Guest phone number	Text	(0-9) (-)	no	no	no
email	Guest email address	Text	(A-Z) (a-z) (@, .) (0-9)	yes	no	no
cardNum	Guest credit card number	Text	(0-9)	no	no	no
checkIN	Guest check in date	Date	Valid Date	no	no	no
checkOut	Guest check out date	Date	Valid Date	no	no	no
nights	Number of nights guest is staying	Numeric	(0-9)	no	no	no

Amenities TABLE

ATTRIBUTE NAME	ATTRIBUTE DESCRIPTION	Domain	Range	PK	FK	Null
amnCode	A unique code to identify each amenity offered	Text	(A-Z) (a-z) (0-9)	yes	no	no
amnDesc	Amenity description	Text	(A-Z) (a-z)	no	no	no

OffersTABLE

ATTRIBUTE NAME	ATTRIBUTE DESCRIPTION	Domain	Range	PK	FK	Null
hotelCode_FK	A unique code that identifies each hotel	Text	(A-Z) (a-z) (0-9)	yes	yes	no
amnCode_FK	A unique code to identify each amenity offered	Text	(A-Z) (a-z) (0-9)	yes	yes	no

Books TABLE

ATTRIBUTE NAME	ATTRIBUTE DESCRIPTION	Domain	Range	PK	FK	Null
type_FK	Type of room to be booked	Text	(A-Z) (a-z)	yes	yes	no
hotelCode_FK	A unique code that identifies each hotel	Text	(A-Z) (a-z) (0-9)	yes	yes	no
email_FK	Guest email address	Text	(A-Z) (a-z) (@, .) (0-9)	yes	yes	no