Graeme
Beatie
A4A ERD

Entity legend
Data
Linking/Associative
Look up

BILL_ITEM_TYPE

PK	BillItemTypeID	int
	BillItemTypeDescription	varchar(300)
	BillItemTypeAmount	int

GUEST_FOLIO

PK	GuestFolioID	int
FK	MasterReservationID	int
FK	BillItemID	int

MASTER_RESERVATION

PK	MasterReservationID	int IDENTITY (5000,1)
FK	CreditCardID	int
FK	ReservationStatusID	int

GUEST

PK	GuestID	int IDENTITY (1500,1)
	GuestCity	varchar(60)
	GuestState	char(2)
	GuestCountry	varchar(60)
FK	ContactID	int
FK	CreditCardID	int

BILL_ITEM

PK	BillItemID	int IDENTITY(8000,1)
FK	BillItemTypeID	int
FK	TaxID	int

RESERVATION_STATUS

PK	ReservationStatusID	int
	ReservationDescription	varchar(1)

RESERVATION

PK	RoomReservationID	int
	CheckIn	datetime
	Checkout	datetime
FK	MasterReservationID	int
FK	ReservationStatusID	int
FK	DiscountID	int
FK	RoomID	int

CREDIT_CARD

PK	CreditCardID	int
	CreditCardName	nvarchar(60)
	CreditCardNum	varchar(16)
	CreditCardExpiration	date
	CreditCardCV	varchar(3)
FK	GuestID	int

CONTACT

PK	ContactID	int
	ContactValue	varchar(60)
FK	ContactTypeID	int

TAX

PK	TaxID	int
	TaxDescription	varchar(300)
	TaxAmount	int

DISCOUNT

PK	DiscountID	int
	DiscountDescription	varchar(60)
	DiscountAmount	int
	IsAPercentage	bit
	DiscountExpirationDate	datetime

ROOM

PK	RoomID	int
	RoomRackRate	int
	RoomNum	int
	RoomType	varchar(60)
	RoomDescription	varchar(300)
	RoomSmoking	bit
FK	ReservationStatusID	int
FK	HotelID	int

HOTEL

PK	HotelID	int IDENTITY(2100,100)
	HotelStreetAddress1	varchar(60)
	HotelStreetAddress2	varchar(60)
	HotelState	varchar(60)
	HotelZip	char(5)
	HotelCountry	varchar(60)
FK	ContactID	int

CONTACT_TYPE

PK	ContactTypeID	int
	ContactTypeDescription	varchar(60)

Categorizes

Is billed to

Must have a

Requires

Can have

Is made of

Can have

Can be owned by

Has

Has an associated

Is applied to

Can be made for

Can be in

For one

Is categorized as