GUEST
GuestID: starts at 1500 and increments by 1

GUEST

PK	GuestID	smallint
	GuestFirstName	nvarchar(30)
	GuestLastName	nvarchar(30)
	GuestAddress	nvarchar(50)
	GuestCity	nvarchar(30)
	GuestState	nvarchar(15)
	GuestCounty	nvarchar(15)
	GuestPhoneNumber	varchar(12)
	GuestEMail	nvarchar(50)
	GuestComments	varchar(300)
	Company	varchar(30)

HOTEL
HotelID: start at 2100 and increment by 100

HOTEL

PK	HotelID	smallint
	HotelLocationName	varchar(15)
	HotelAddress	varchar(50)
	HotelCity	varchar(30)
	HotelState	varchar(15)
	HotelCounty	varchar(15)
	HotelPhoneNumber	varchar(12)
	HotelRating	tinyint
	HotelDescription	varchar(300)

owns

receives

CREDIT-CARD

PK	CreditCardNum	varchar(16)
FK1	GuestID	smallint
	CVV	char(3)

places

RESERVATION
ReservationNum: start 5000 increment by 1
ReservationStatus: (R, A, C, or X)

RESERVATION

PK	ReservationNum	smallint
FK1	CreditCardNum	varchar(16)
FK2	HotelID	smallint
	ReservationStatus	char(1)

Todo:
-Programatic logic for late checkout fees, checkout times, and cancellation fees
-When Folio is status "C" bill payment to customer

PAYMENT
PaymentID: start 8000 and increment by 1
PaymentCatagory: (GuestPayments, ExternalVendors, Services)

made of

FOLIO
FolioStatus: (R, A, C, or X)

ROOM
RoomNum: start at 101 and increment by 1
RoomType: Single, Double, Suite

PAYMENT

PK	PaymentID	smallint
	PaymentDate	datetime
FK1	FolioID	smallint
	PaymentCatagory	varchar(15)

for

FOLIO

PK	FolioID	smallint
FK1	ReservationNum	smallint
FK2	RoomNum	tinyint
	FolioQuotedRate	smallmoney
	FolioComments	varchar(300)
	FolioStatus	char(1)
	FolioCheckIn	datetime
	FolioCheckout	datetime
FK3	DiscountID	tinyint

for

ROOM

PK	RoomNum	tinyint
	HotelID	smallint
	RoomType	varchar(15)
	SmokingRoom	char(1)
	Description	varchar(300)
	RoomBedConfiguration	varchar(15)

for

ROOM-TAX

PK	TaxID	smallint
FK1	PaymentID	smallint
	CountyTax	smallmoney
	SalesTax	smallmoney
	LodgingTax	smallmoney

of

can have

given

ROOM-CHARGE

PK	RoomChargeID	smallint
FK1	PaymentID	smallint
	RoomRent	smallmoney
	RoomService	smallmoney
	RoomEntertainment	smallmoney
	RoomIncidentals	smallmoney

DISCOUNT
Default of 0

DISCOUNT

PK	DiscountID	tinyint
	DiscountPercent	tinyint
	DiscountFixedRate	smallmoney
	DiscountExpirationDate	date
	DiscountComment	varchar(300)

RACK-RATE

PK	RackRateID	tinyint
FK1	RackRate	smallmoney
	RoomNum	tinyint
	StartDate	date
	EndDate	date