4A list of subjects from FARM scenario

Need atleast 10 entities (13 max)

Subjects

* Guest (data)
  + GuestID (1500,1)
  + CreditCartID
  + ContactID
  + GuestCity (Null)
  + GuestState (Null)
  + GuestCountry (NOT NULL)
* MasterReservation (Can have one or more rooms)
  + MasterReservationID (5000,1)
  + CreditCardID
  + RoomID
  + RoomResStatusID
* Hotel (data)
  + HotelID (2100,100)
  + ContactID
  + HotelStreetAddress1
  + HotelStreetAddress2
  + HotelState
  + HotelZip
  + HotelCountry
* Room (data)
  + RoomID
  + HotelID
  + RoomNum
  + RoomType
  + RoomDescription
  + Smoking/nonsmoking
  + Amenities (amenity table?)
  + RoomResStatusID
* RoomResStatus (don’t need just need to have many reservation statuses for the master reservation
  + RoomResStatusID
  + Description
* Reservation (linking/data)
  + RoomReservationID
  + CreditCardID
  + RoomID
  + CheckIn
  + Checkout
  + RoomResStatus
* CreditCard (data) (guest can have many)
  + CreditCardID
  + CreditCardName
  + CreditCardNum
  + CreditCardCV
  + CreditCardExpiration
  + GuestID
* Contact (data)
  + ContactID
  + ContactTypeID
  + ContactValue
* ContactType (Look up)
  + ContactTypeID
  + ContactTypeDescription
* Discount (lookup)
  + DiscountID
  + Description
  + IsAPercentage
  + DiscountAmount
  + DiscountExpirationDate
* ReservationStatus (look up)
  + ReservationStatusID
  + ReservationStatusDescription (“R”, “A”, “C”, “X”)
* GuestFolio (A master can have many res details)
  + GuestFolio
  + GuestID
  + MasterReservationID
  + ReservationID
  + RoomRackRate (Maybe make a rack rate look up)
  + BillingID
  + DiscountID
  + ReservationStatus
* Bill\_ITEM (ledger entry) (8000,1)
  + BillItemID
  + BillItemTypeID
  + TaxID
* BillingType(look up) for bill or credit card
  + BillingTypeID
  + BillingTypeDescription
  + BillingTypeAmount
* Tax
  + TaxID
  + TaxDescription
  + TaxAmount

Potential Questions/Issues

* Is the guestFolio a view of all the tables or is this something that requires its own table?
* I haven’t made a bill/yet maybe this is the guestFolio
  + Maybe make a reservation detail