



A set of relational schemes to satisfy Deliverable II might include the following:

- customer (customerNum, customerLastName, customerFirstName, customerAddress, customerCity, customerState, customerZip, customerCellPhone, customerEmail, ~~customerDateOfBirth~~, ~~customerWeight~~)
- creditCard (creditCardNum, creditCardType, creditCardExpirationMonth, creditCardExpirationYear)
- holdsAccount (customerNum, creditCardNum)
- ~~sale~~Transaction (salesAgreementNum, salesAgreementDate, salesAgreementTime, salesAgreementPaymentType, salesAgreementCardNumberUsed, *customerNum*, *salespersonNum*)
- employee (employeeNum, employeeSSN, employeeLastName, employeeFirstName, employeeAddress, employeeCity, employeeState, employeeZip, employeeCellPhone, employeeEmail)
- salesperson (salespersonNum, salespersonCommissionPercent, salespersonSalesCount, salespersonSalesAmount)
- itemSold (equipmentSerialNum, equipmentSalePrice, *modelNum*, *retailerNum*, *customerNumForRepairs*)
- saleLineItem (salesAgreementNum, equipmentSerialNum)
- productCategory (modelNum, modelDescription, modelManufacturer, modelInventoryCount, modelReorderQuantity)
- productOrder (orderNum, orderDatePlaced, orderDateReceived, *supplierNum*)
- restockLineItem (orderNum, modelNum, lineItemEquipmentQuantity, lineItemEquipmentPrice)
- supplier (supplierNum, supplierName, supplierAddress, supplierCity, supplierState, supplierZip, supplierPhone, supplierFax, supplierContact, supplierEmail)
- ~~return~~Transaction (returnNum, *customerNum*, returnDate)
- returnItem (equipmentSerialNum, returnNum, returnReason)
- discountRetailer (retailerNum, retailerName, retailerAddress, retailerCity, retailerState, retailerZip, retailerPhone, retailerFax, retailerContact, retailerEmail)
- ~~service~~Agreement (serviceAgreementNum, ~~serviceAgreementConcern~~, *customerNum*)
- ~~repair~~Item (equipmentSerialNum, serviceAgreementNum)
- equipmentRepair (equipmentRepairNum, equipmentRepairProblemDescription, ~~equipmentRepairDate~~, ~~equipmentRepairTimeStarted~~, ~~quipmentRepairTimeCompleted~~, ~~serviceHoursLabor~~, ~~equipmentRepairPaymentType~~, ~~equipmentRepairCardNumberUsed~~, *equipmentSerialNum*, *repairTypeNum*, *technicianNum*)
- technician (technicianNum, ~~technicianSpecialization~~, ~~technicianCertification~~, ~~technicianHoursWorked~~, technicianSalaryPerHour)
- repairType (repairTypeNum, repairTypeDescription, repairTypeProjectedHoursLabor)
- part (partNum, partDescription, partPrice, partColor)
- mayRequire (repairTypeNum, partNum, ~~mayRequireQuantity~~)
- didRequire (equipmentRepairNum, partNum, ~~didRequireQuantity~~)
- restockPartItem (orderNum, partNum, lineItemPartQuantity, lineItemPartPrice)
- ~~guide~~ (guideNum, guideSpecialization, guideAlternateSpecialization)
- activity (activityNum, activityType, maximumParticipants, *guideNum*)
- reservation (activityNum, customerNum, numberOfParticipants, requestedDate, backupDate, lodgingName, ~~lodgingAddress~~, lodgingCity, lodgingState, lodgingZip, waiverSigned)

NOTE: technicianNum, salesmanNum, and guideNum are the same as (and linked to) employeeNum.