|  |  |
| --- | --- |
| **Entity** | **Attributes** |
| Employee | empSSN, empFirstName, empLastName empSex, empDOB |
| EmpAddress | empSSN, empStreet, empCity, empState, empZip |
| EmpPhone | empSSN, empHPhone, empCPhone |
| EmpJob | empSSN, empDep, empPos, empStart, empEnd, empSalary, empType |
| Customer | custNo, birthDate, firstName, lastName, custSex, custAddressNo |
| CustAddress | custAddressNo, custStreet, custCity, custState, custZip |
| CustPhone | custNo, homePhone, cellPhone |  |  |
| Salesperson | personSSN, personFName, personLName |  |  |
| Sales | personSSN, custNo, itemNo, salesName, salesQuantity, salesPrice, salesStatus, salesDate |  |  |
| Item | custNo, personSSN, itemNo, itemName, itemSize, itemColor,  itemPkg, itemMens, itemLadies |  |  |
| Consultant | consFName, consLName, consSex, consNo |  |  |
| ConsAddress | consNo, consStreet, consCity, consState, consZip |  |  |
| ConsPhone | consNo, consHPhone, consCPhone |  |  |
| ConsCompany | consNo, consCompany, consAreaExp, consDep |  |  |
| Schedule | empFName, empLName, scheduleDate, scheduleIn, scheduleOut, punchIn, punchOut |  |  |
| Task | empFName, empLname, taskName, taskDetail |  |  |
| Supplier | supName, supAddress, supPhone |  |  |
| SupAddress | supName, supStreet, supCity, supState, supZip |  |  |
| Purchase | supName, purchDate, purchNo, purchQuantity, purchCost, purchItemNo |  |  |
| Item | purchNo, purchItemNo, itemName, itemColor, itemSize, itemSex, itemPkg |  |  |

**Relationships**

* Unary relationships:
  + “Supervises” (between *Employee* and *Employee*)
  + “Tasks” (between Employee and Employee)
* Binary relationships:
  + “LivesAt” (between Employee and EmpAddress)
  + “Uses” (between Employee and EmpPhone)
  + “WorksAt” (between EmpJob)
  + “LivesAt” (between Customer and CustAddress)
  + “Uses” (between Customer and CustPhone)
  + “WorksAt” (between Consultant and Company)
  + “LivesAt” (between Consultant and consAddress)
  + “Uses” (between Consultant and consPhone)
  + “Consults” (between Consultant and ConsAreaExp)
  + “LivesAt” (between Supplier and SupAddress)
* Ternary relationships:
  + “Item” (among Sales, Salesperson, Customer)
  + “Item” (among Supplier, Purchase)
  + “Task” (among Employee, Schedule)