Mariano Optical Client Inventory System

MOCIS-Database = Patient-Table + Employee-Table + Checkup-Table

Patient-Table = @PatientID + address + (Occupation) + age + gender + height + weight + bp + birthdate + (cnum) + (email) + fname + (mname) + lname

PatientID = Number \* Integer

Address = 1{Legal-Character}50

Legal Character = [a-z | A-Z | . | - | | ]

Occupation = 1{Legal-Character}20

Legal Character = [a-z | A-Z | . | - | | ]

Age = Number \* Integer

Gender = Legal-Character

Legal Character = [M | F]

Height = Number \* Decimal

Weight = Number \* Decimal

Bp = 1{Legal-Character}20

Legal Character = [a-z | A-Z | . | - | | ]

Birthdate = Legal-Date \* [01/01/1900 – 12/31/3000]

Cnum = Number

Email = 1{Legal-Character}50

Legal Character = [a-z | A-Z | . | - | | ]

fName = mName

= lName

= 1{Legal-Character}20

Legal Character = [a-z | A-Z | . | - | | ]

Employee-Table = @EmpID + fName + (mName) + lName + emppass

EmpID = Number \* Integer

fName = mName

= lName

= 1{Legal-Character}20

Legal Character = [a-z | A-Z | . | - | | ]

Emppass = 1{Legal-Character}20

Legal Character = [a-z | A-Z | . | - | | ]

Checkup-Table = @checkupNo + patientID + empID + date + visualAcuity + cEER + prescriptionDetails + frameDetails

checkupNo = Number \* Integer

date = Legal-Date \* [01/01/1900 – 12/31/3000]

visualAcuity = 1{Legal-Character}100

Legal Character = [a-z | A-Z | . | - | | ]

cEER = = 1{Legal-Character}100

Legal Character = [a-z | A-Z | . | - | | ]

prescriptionDetails = = 1{Legal-Character}100

Legal Character = [a-z | A-Z | . | - | | ]

frameDetails = = 1{Legal-Character}100

Legal Character = [a-z | A-Z | . | - | | ]