**Assignment 3-Dimensional Model (Star Schema)**

**Joshua Troup**

**Problem #1:**

Professor Student

Student\_ID

Student\_Name

Graduation\_Year

Prof\_ID

Prof\_Name

Title

Prof\_Department

Department\_Name

Course\_Grade\_Fact

Student\_ID

Prof\_ID

MINI\_ID

Course\_ID

ExamMarks

TotalMarks

Grades

Course\_Section Period

Course\_ID

Section\_Number

Course\_Name

Units

Room\_ID

Room\_Capacity

MINI\_ID

Semester\_ID

Year

**Problem #2:** Doctor

Patient

1

DoctorID

DoctorSpeciality

M

CauseOfDeathID

PatientID

DoctorID

HospitalID

EmployeeID

TimeID

InsuranceCompanyID

CauseofDeathDesc

PatientID

PatientFName

PatientLName

PatientCity

PatientState

PatientDateofBirth

PatientDateofDeath

Death\_FaceTable

1

1

Hospital

HospitalID

HospitalName

HospitalAddress

HospitalCity

HospitalState

M

1

M

M

M

Employee

EmployeeID

EmployeeFName

EmployeeLName

EmployeeAddress

EmployeeCity

EmployeeState

1

1

InsuranceCompany TimeDim

TimeID

TDate

TMonth

TQtr

TYear

1

InsuranceCompanyID

InsuranceName

InsuranceAddress

InsuranceCity

InsuranceState