Harrison Wall

COMP 3100 - Database II

Project – Phase 1

CREATE TABLE Course(

course\_id INTEGER PRIMARY KEY,

title VARCHAR(20),

desc VARCHAR(250),

mentor\_req INTEGER,

mentee\_req INTEGER

);

CREATE TABLE Section(

section\_id INTEGER,

course\_num INTEGER REFERENCES Course(course\_id),

name VARCHAR(20),

start\_date DATE,

end\_date DATE,

time TIME,

capacity INTEGER,

PRIMARY KEY (section\_id, course\_num)

);

CREATE TABLE Session(

session\_id INTEGER,

section\_num INTEGER REFERNCES Section(section\_id),

name VARCHAR(20),

date DATE,

announcement VARCHAR(250),

PRIMARY KEY (section\_id. Section\_num)

);

CREATE TABLE User (

user\_id INTEGER PRIMARY KEY,

name VARCHAR(20),

email VARCHAR(20),

phone CHAR(9)

);

CREATE TABLE Parent(

parent\_id INTEGER REFERENCES User(user\_id),

section\_num REFERNCES Section(section\_id)

);

CREATE TABLE Student(

student\_id INTEGER REFERNCES User(user\_id),

grade\_level INTEGER

);

CREATE TABLE Mentoring(

student INTEGER REFERNCES Student(student\_id),

section INTEGER REFERENCES Section(section\_id),

mentor BOOLEAN,

PRIMARY KEY(student, section)

);

CREATE TABLE Materials(

material\_id INTEGER PRIMARY KEY,

title VARCHAR(20),

author VARCHAR(20),

type VARCHAR(20),

url VARCHAR(20),

notes VARCHAR(300),

assigned\_date DATE,

posted\_by INTEGER REFERENCES Parent(parent\_id)

);

CREATE TABLE Participating(

session INTEGER REFERENCES Session(session\_id),

student INTEGER REFERENCES Student(student\_id),

PRIMARY KEY (session, student)

);

CREATE TABLE RealtedTo(

parent INTEGER REFERENCES Parent(parent\_id),

child INTEGER REFERENCES Student(student\_id)

);