**DDL for webshared:**

**Create Table Major(**

**majorname varchar(30) primary key );**

**CREATE TABLE Student (**

**Student\_ID number(9) primary key,**

**FirstName varchar(30) not null,**

**LastName varchar(30) not null,**

**sex char(2),**

**Pw varchar(8) not null,**

**major varchar(30) not null);**

**ALTER TABLE Student**

**ADD FOREIGN KEY (major) REFERENCES major(majorname);**

**ALTER TABLE Student ADD CONSTRAINT SEXCHECK CHECK (SEX IN ('M','F'));**

**CREATE TABLE Courses(**

**Course\_ID varchar(30) ,**

**Course\_name varchar(50) not null,**

**major varchar(30),**

**PRIMARY KEY (major,Course\_ID)**

**);**

**ALTER TABLE Courses**

**ADD FOREIGN KEY (major) REFERENCES major(majorname);**

**CREATE TABLE Uploaded\_URL**

**(Student\_ID number(9) not null ,**

**Course\_ID varchar(30) not null ,**

**course\_name varchar(30) not null,**

**topic varchar(30) not null,**

**linkURL varchar2(4000) primary key,**

**Major varchar(30),**

**uploadedDateTime TIMESTAMP not null);**

**ALTER TABLE Uploaded\_URL**

**ADD FOREIGN KEY (Student\_ID) REFERENCES Student(Student\_ID);**

**ALTER TABLE Uploaded\_URL**

**ADD FOREIGN KEY (Major,Course\_ID) REFERENCES Courses(Major,Course\_ID);**

**CREATE TABLE register\_In(**

**Student\_ID number(9),**

**Course\_ID varchar(30),**

**Major varchar(30),**

**PRIMARY KEY (Student\_ID,Course\_ID));**

**ALTER TABLE register\_IN**

**ADD FOREIGN KEY (Student\_ID) REFERENCES Student(Student\_ID);**

**ALTER TABLE register\_IN**

**ADD FOREIGN KEY (Major,Course\_ID) REFERENCES Courses(Major,Course\_ID);**

**DML for webshared:**

insert into major values('Computer Engineering');

insert into major values('Computer Science');

insert into major values('Information technology');

insert into major values('Law');

insert into major values('Business Administration');

insert into major values('Accounting');

insert into major values('Finance');

insert into major values('Human Resource Management ');

insert into major values('Mechanical Engineering');

insert into major values('Electrical Engineering');

insert into major values('Civil Engineering');

insert into major values('Management information System');

insert into major values('Inertial Design');

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**insert into Courses Values ('ALIS1211','Arabic and Islamic Studies','Computer Engineering');**

**insert into Courses Values ('ALIS1211','Arabic and Islamic Studies', 'Computer Science');**

**insert into Courses Values ('ALIS1211','Arabic and Islamic Studies', 'Information technology');**

**insert into Courses Values ('ALIS1211','Arabic and Islamic Studies','Management information System');**

**insert into Courses Values ('ALIS1211','Arabic and Islamic Studies','Accounting');**

**insert into Courses Values ('ALIS1211','Arabic and Islamic Studies','Finance');**

**insert into Courses Values ('ALIS1211','Arabic and Islamic Studies','Business Administration');**

**insert into Courses Values ('ALIS1211','Arabic and Islamic Studies','Human Resource Management ');**

**insert into Courses Values ('ALIS1211','Arabic and Islamic Studies','Mechanical Engineering');**

**insert into Courses Values ('ALIS1211','Arabic and Islamic Studies','Civil Engineering');**

**insert into Courses Values ('ALIS1211','Arabic and Islamic Studies','Electrical Engineering');**

**insert into Courses Values ('ALIS1211','Arabic and Islamic Studies','Inertial Design');**

**insert into Courses Values ('ALIS1211','Arabic and Islamic Studies','Law');**

**………………………………………………………………………………………………………………………………………………………………….**

**insert into Courses Values ('GEIT3351','Principle of Software Engineering ','Computer Engineering');**

**insert into Courses Values ('GEIT3351','Principle of Software Engineering ','Computer Science');**

**insert into Courses Values ('GEIT3351','Principle of Software Engineering ','Information technology');**

**insert into Courses Values ('ITAP3382','Business Intelligence ','Information technology');**

**insert into Courses Values ('COSC3411','System Programming ','Computer Science');**

**insert into Courses Values ('COEN3323','Digital and Logic Design','Computer Engineering');**

**………………………………………………………………………………………………………………………………………………….**

**insert into Courses Values ('ACCT4311','Auditing & Assurance Services ','Accounting');**

**insert into Courses Values ('BUSI4362','Strategic Mangment ','Business Administration');**

**insert into Courses Values ('FINA4314','Internatonal Finance ','Finance');**

**insert into Courses Values ('MISY4332','System Analysis and Design ','Management information System');**

**insert into Courses Values ('HRMT4334','Research Methods in HRM','Human Resource Management ');**

**insert into Courses Values ('LAWB2316','Constitutional Law','Law');**

**insert into Courses Values ('IDES4337','Sustainable Design','Inertial Design');**

**…………………………………………………………………………………………………………………………………………………….**

**insert into Courses Values ('EEEN4361','Electric Machinery ','Electrical Engineering');**

**insert into Courses Values ('GEEN1211','Intro to Engineering ','Electrical Engineering');**

**insert into Courses Values ('GEEN1211','Intro to Engineering ','Civil Engineering');**

**insert into Courses Values ('GEEN1211','Intro to Engineering ','Mechanical Engineering');**

**insert into Courses Values ('MEEN4322','Power Generation','Mechanical Engineering');**

**insert into Courses Values ('CVEN4314','Constructure Managment ','Civil Engineering');**