**Name: Zijie Yu**

**Database Management Systems (CSC434)**

**Final Project**

**1) - Define the information content of your database.**

a)-Define a set of entities and appropriate attributes for each entity. Minimum 10 entities.

(The first attributes are primary key, the red color entity means entity created automaticly by Visual Paradigm because of many to many relationship)

* Students: Student\_ID; First\_Name; Last\_Name; Phone; Year
* Major: Major\_Name; Department; DepartmentId
* Students\_Major: Students\_StudentId; Major\_MajorId
* Course: CourseId; Course\_Name; Seats Avaliable; Professor\_ProfessorId; SubjectId; ClassSceduleId;
* Student\_Course: Students\_StudentId; Course\_CourseId
* sdf
* Sd
* Sd
* Sd
* Sd

b)-Define a set of relationships that might exist between/among entities and attributes. Such relationships may include one-to-one, one-to-many and many-to-many associations.

c)-Define a set of constraints that may be imposed on data.