1. **SuperAdmin**
   1.1 int adminID : the unique identifier of the user
   1.2 string password : secret digits that must be used to gain admission
   1.3 string name : name of the user in real name

2. **Admin**
   2.1 int adminID : the unique identifier of the user
   2.2 string password : secret digits that must be used to gain admission
   2.3 string name : name of the user in real name

3. **Faculty**
   3.1 int facultyID : the unique identifier of the user
   3.2 string password : secret digits that must be used to gain admission
   3.3 string name : name of the user in real name

4. **Student**
   4.1 int studentID : the unique identifier of the user
   4.2 string password : secret digits that must be used to gain admission
   4.3 string name : name of the user in real name
   4.4 char tuitionStatus : check whether student paid or not

5. **Building**
   5.1 int buildingID : the unique identifier of the building

5.2 string name : name of the building in real world

6. Room
6.1 int roomID : the unique identifier of the room
6.2 string roomNum : the unique name for room in the building
6.3 int maxSize : maximum space of holding people per room

7. Session
7.1 int sessionID : the unique identifier of the user
7.2 date startTime : time when this class starts
7.3 date endTime : time when this class ends
7.4 string semester : a certain term of a school year

8. Course
8.1 coureName - name of the Course
8.2 courseID - the Number of the course
8.3 ArrayList<preReq> preReq - list of prerequisites associated with that course

9. Major
9.1 string majorName - name of the major
9.2 ArrayList <courses> courses - the list of courses associated within the major

10. Department
10.1 string departmentName - name of the department
10.2 ArrayList<majors> majors - the list of the major associated within the department

11. College
11.1 string collegeName - name of the college
11.2 ArrayList<Department> department - the list of the colleges associated within the
department

12. University
12.1 string universityName - name of the university
12.2 ArrayList<College> college - the list of the colleges associated within the university