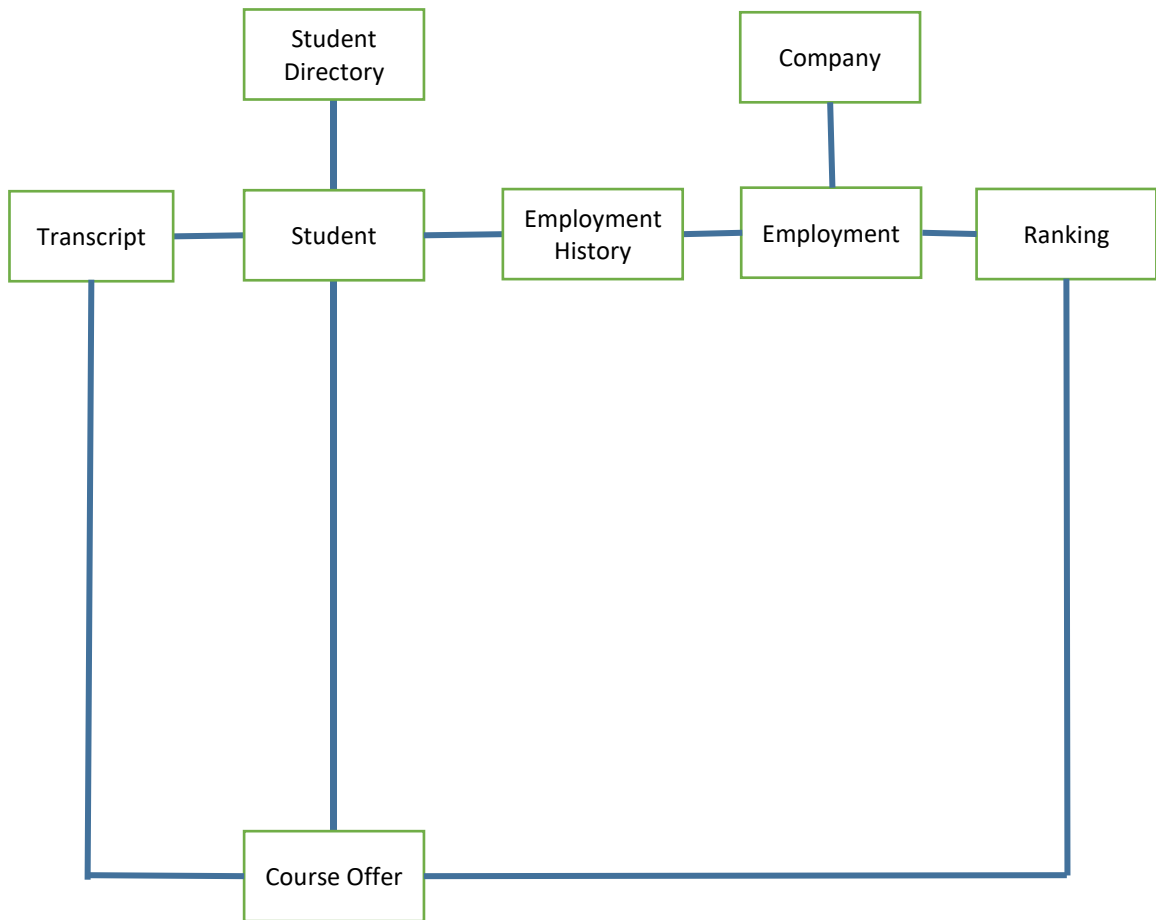


The Object Model



Student Directory:

Method:

1. findStudentByName();
2. findStudentByStudentID();

Student:

Attributes:

1. name
2. studentID
3. employmentHistory
4. Transcript

5. graduateYear

6. course

Method:

1. getters and setters();

Transcript:

Method:

1. getCourse();

2. getGrade();

3. calculateGPA();

4. getGPA();

Course Offer:

Method:

1. CourseOffer.getCourse();

2. CourseOffer.getTeacher();

Employment History:

Method:

1. EmploymentHistory.findEmploymentByCompanyName();

2. EmploymentHistory.findEmploymentByJobType();

3. EmploymentHistory.findEmploymentByDate();

Employment:

Attribute:

1.jobType

2.salary

3.date

4.company

Method:

1. set/getJobType();

2. set/getSalary();

3. set/getDate();

4. set/getCompany();

5. isTopCompany();

Company:

Attributes:

1. Name

Method:

1. isTopCompany();

Ranking:

Method:

1. getStudentEmployment();

2. getRegisteredCourse();

3. getCourseTeacher();

4. getStudentGrade();

5. getStudentGPA();

6. evaluateStudent();

7. evaluateCourse();

8. rankStudent();

9. rankCourse();