

Диаграмма классов

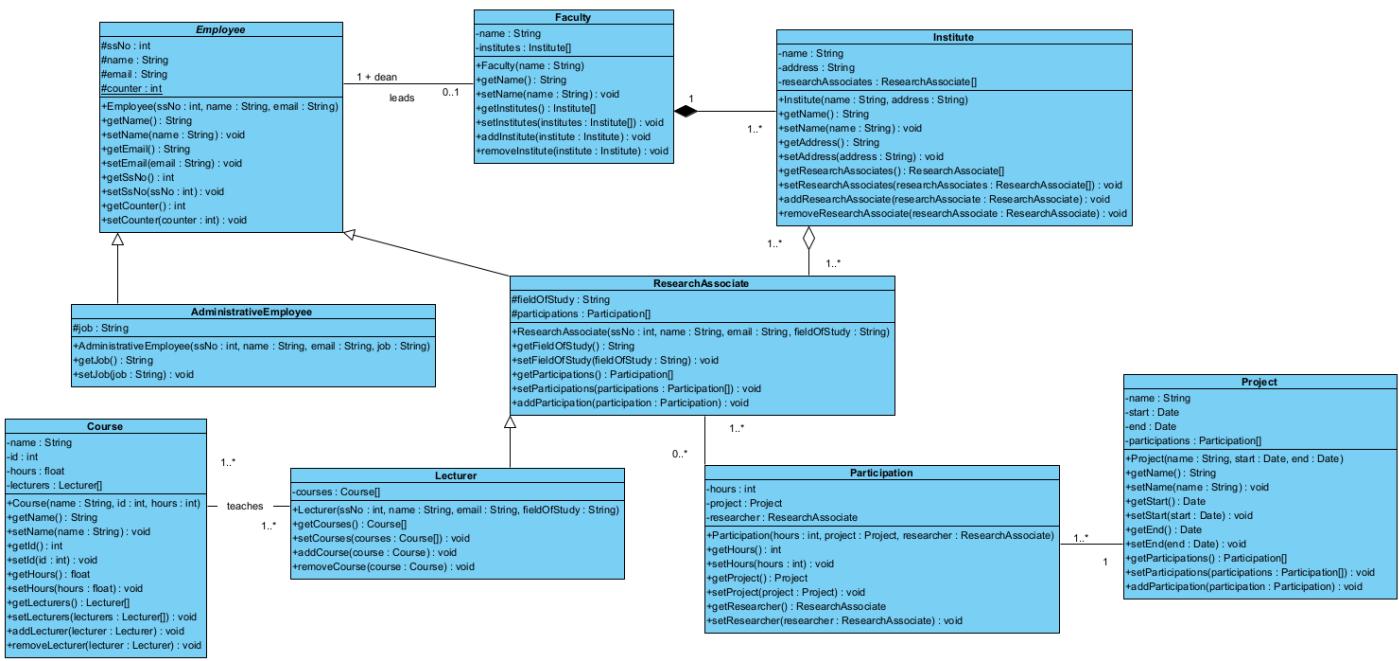


Диаграмма классов сгенерированная

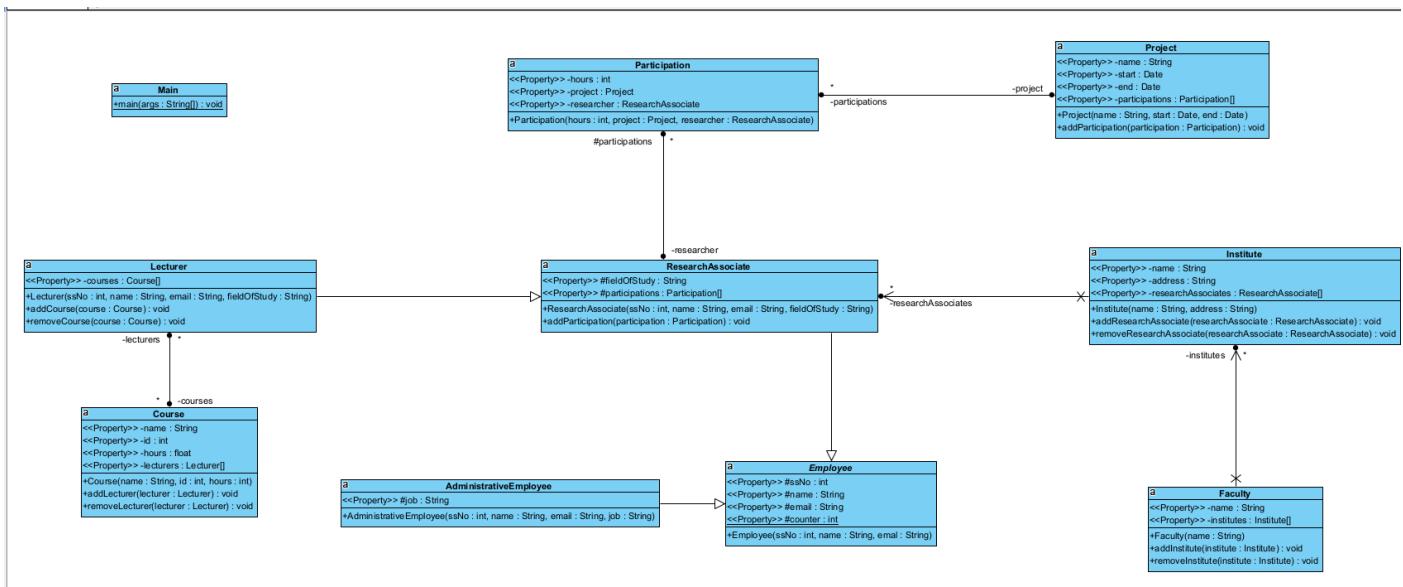


Диаграмма прецедентов

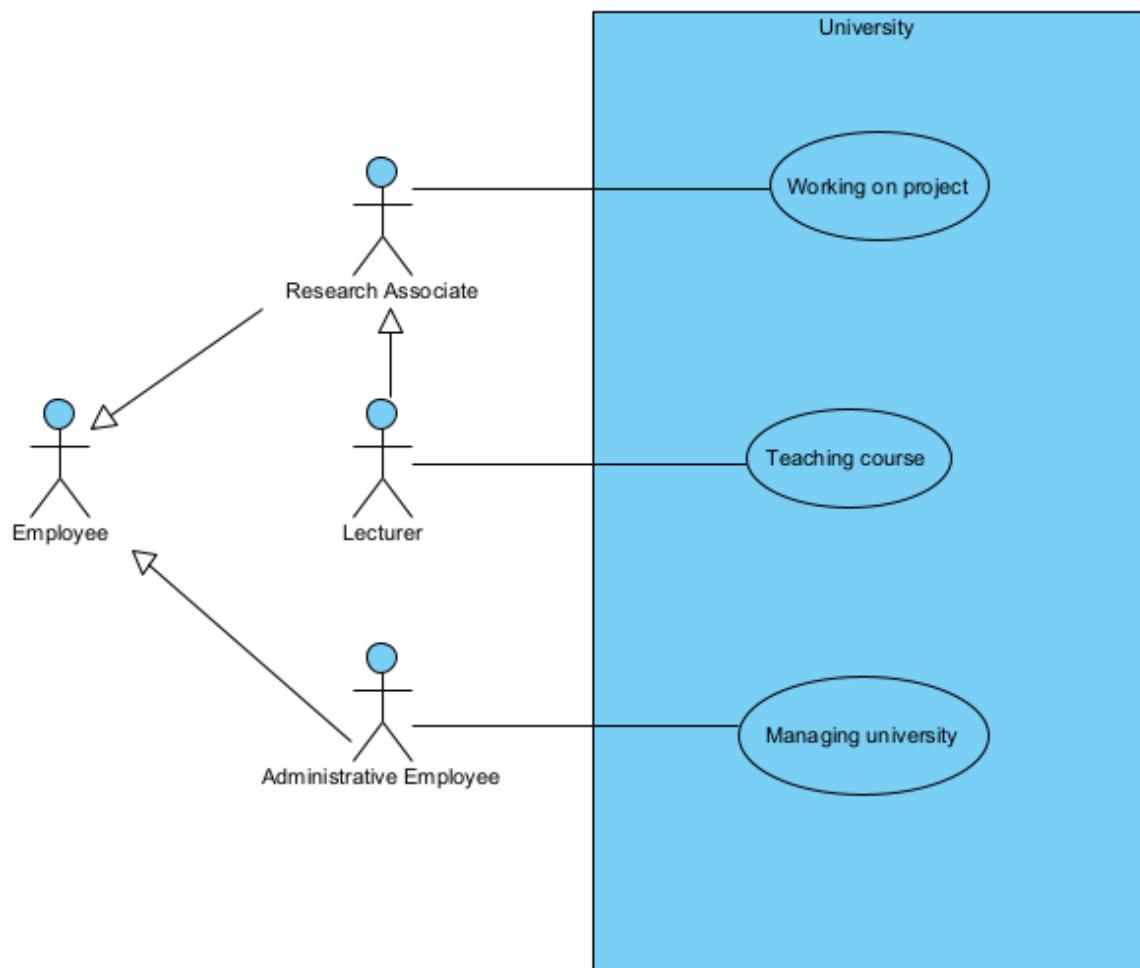


Диаграмма последовательностей

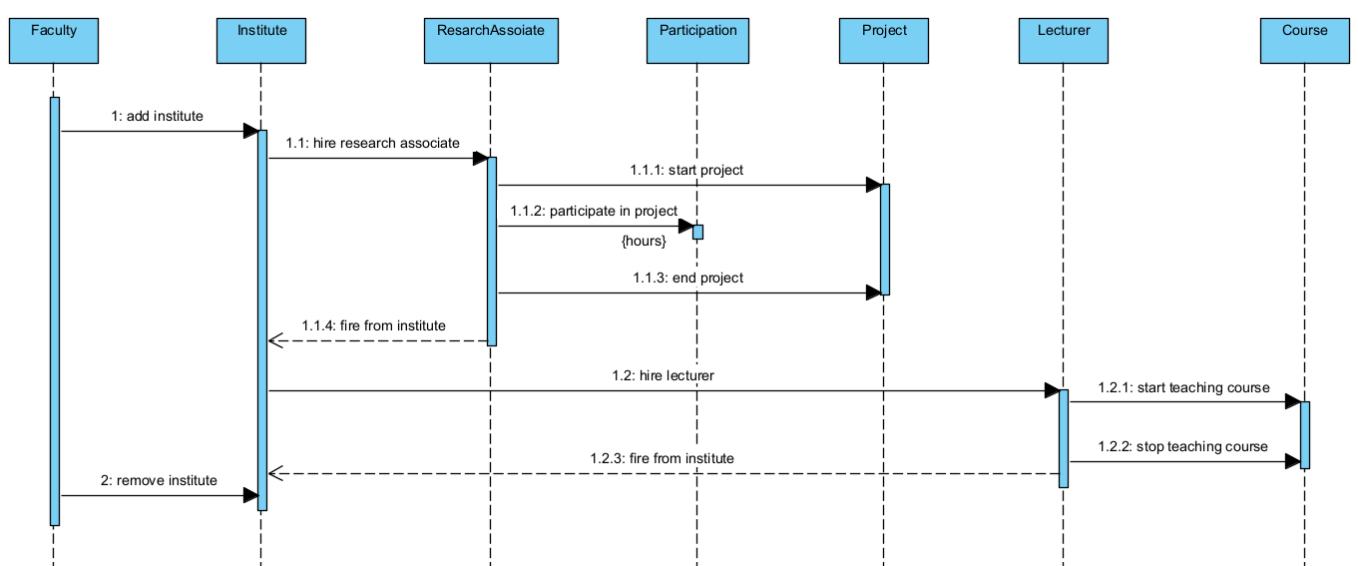
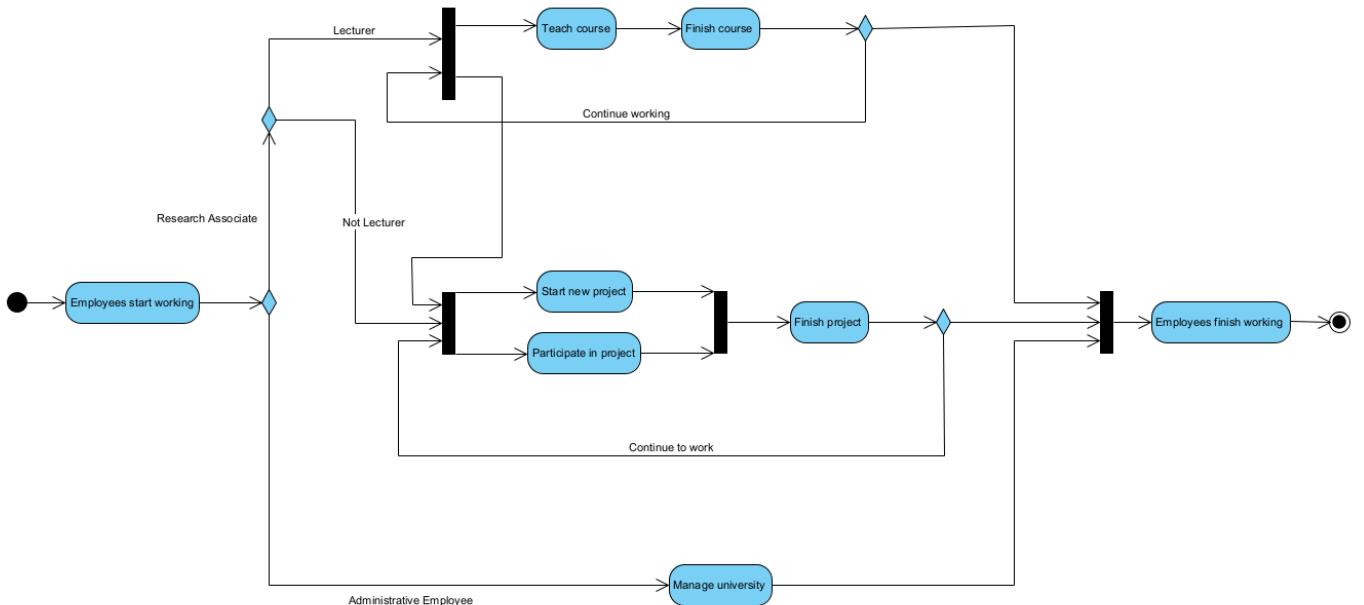


Диаграмма деятельности



Ввод

```
public static void main(String[] args) {
    Faculty csf = new Faculty(name: "Computer Science Faculty");
    Institute toizi = new Institute(name: "Information Processing and Security", address: "Voronezh, Universiteteskaya ploschad, 1");
    Lecturer lecturer = new Lecturer(ssn: 1, name: "Robert Kholopov", email: "bobik@gmail.com", fieldOfStudy: "Artificial Intelligence");
    Project ai_research = new Project(name: "Artificial Intelligence Research", new Date(year: 2025, month: 11, date: 1), new Date(year: 2026, month: 5, date: 1));
    Participation participation = new Participation(hours: 50, ai_research, lecturer);
    Course ml = new Course(name: "Machine Learning", id: 1, hours: 144);
    csf.addInstitute(toizi);
    toizi.addResearchAssociate(lecturer);
    lecturer.addParticipation(participation);
    ai_research.addParticipation(participation);
    lecturer.addCourse(ml);
    ml.addLecturer(lecturer);
```

Выход

```
Факультет: Computer Science Faculty
Институты: Information Processing and Security
Сотрудники института: Robert Kholopov
Проекты роберта: Artificial Intelligence Research
Курсы: Machine Learning
Информация о курсе:
    название: Machine Learning
    кол-во часов: 144.0
    id курса: 1
    преподаватели: Robert Kholopov
```