STUDENT MANAGEMENT SYSTEM

26/05/2022

JEDI TEAM 9

- Pranaav
- T Narasinga Rao
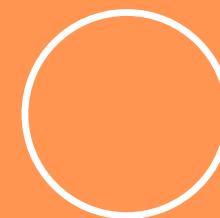- Nikhil Kumar
- Anurag Sharma
- Nipun Goel

Contents

- Design of Application with UML Artifacts
- EE Application Design with Class and Structure
- Implementation of various attributes and methods for different classes
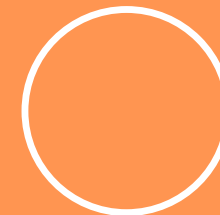
Actors in our system

Admin

- Add a Professor
- Add a Course
- Delete a Course
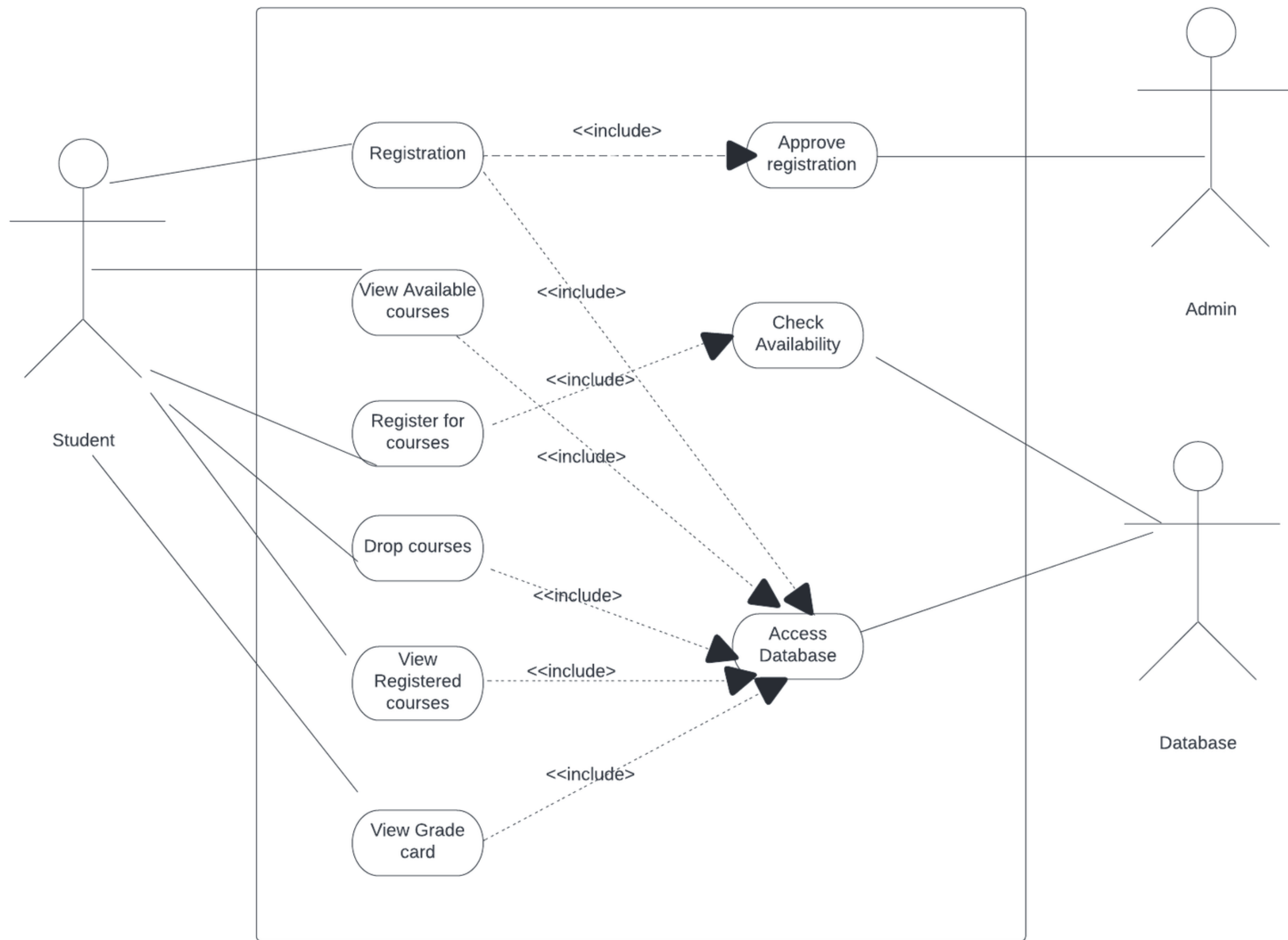- Approve a Student's registration

Student

- View Available list of Courses
- Register for Courses
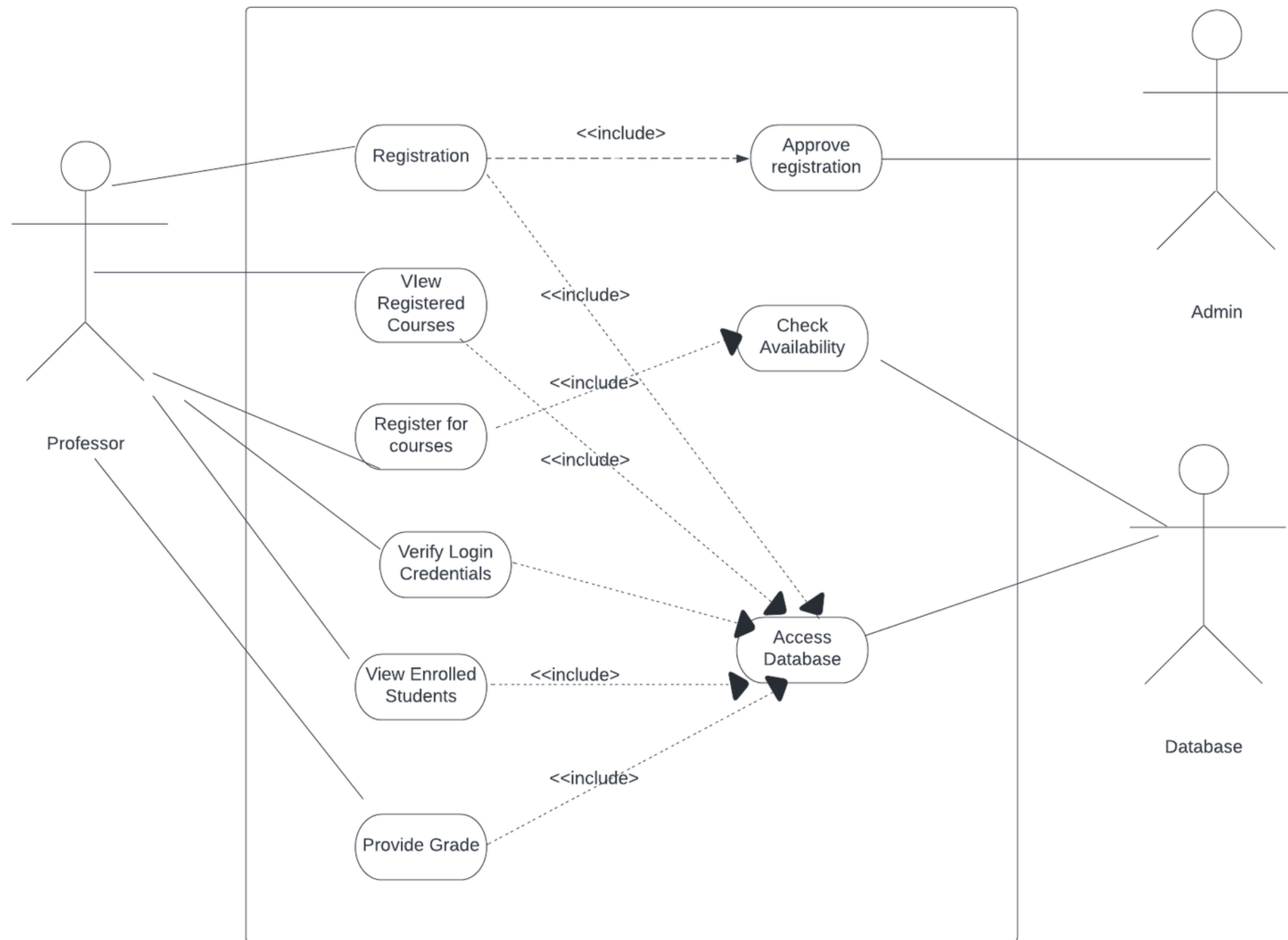- Get list of Registered Courses
- View Report Card

Professor

- View Available list of Courses
- VIew Students enrolled in a Course
- Register for a Course
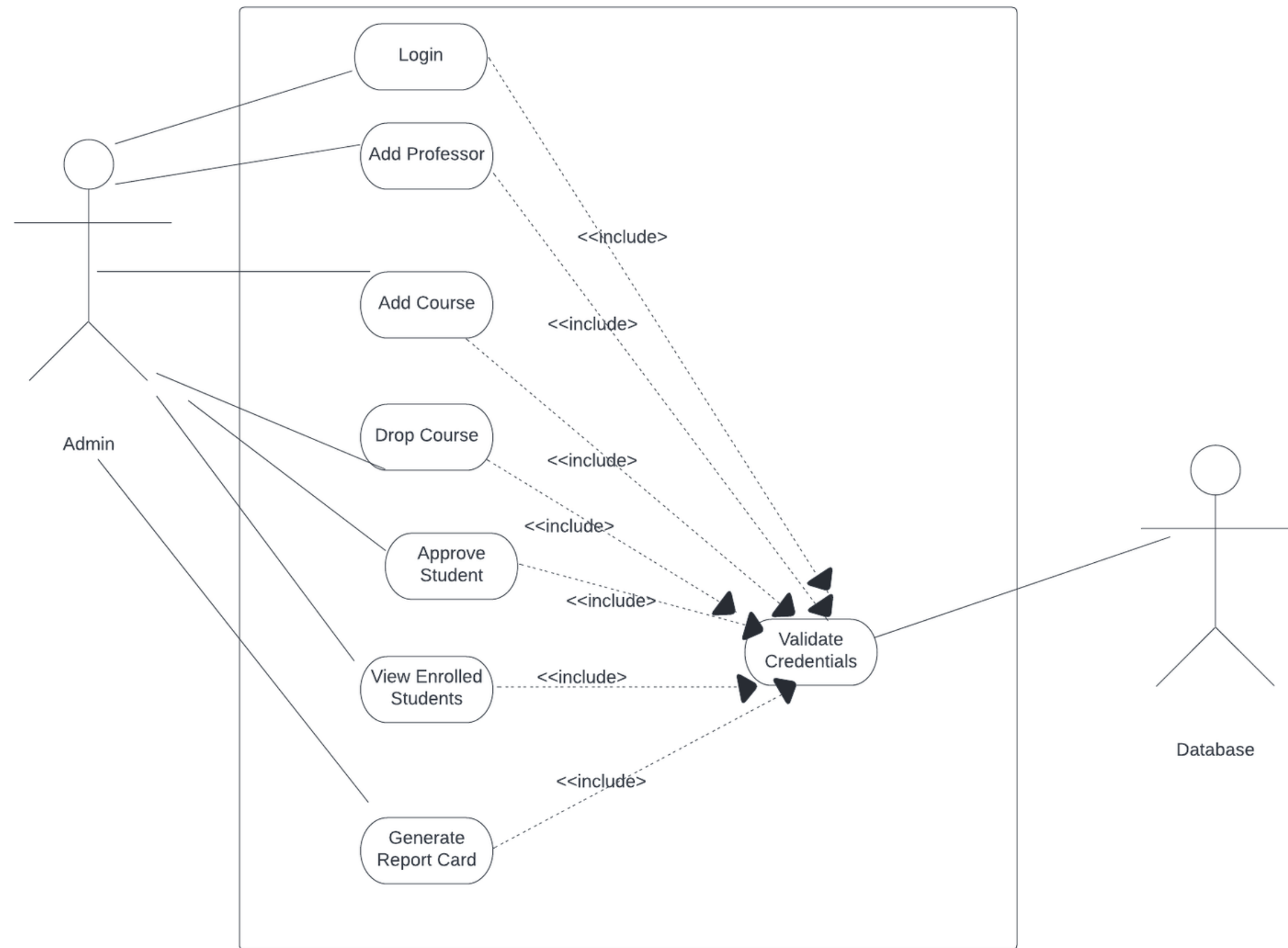- Assign Grades to a Student
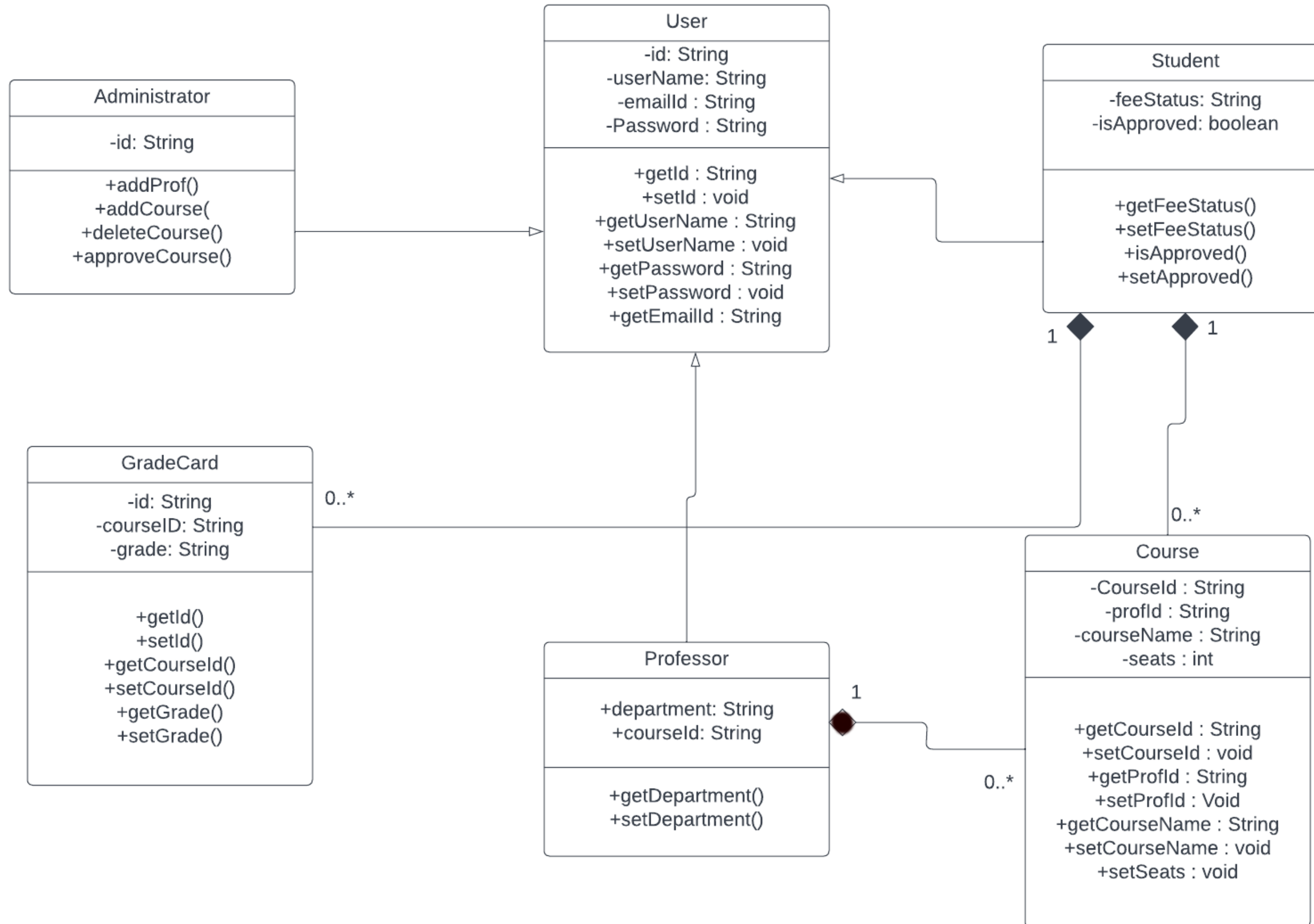
Student Use Case Diagram
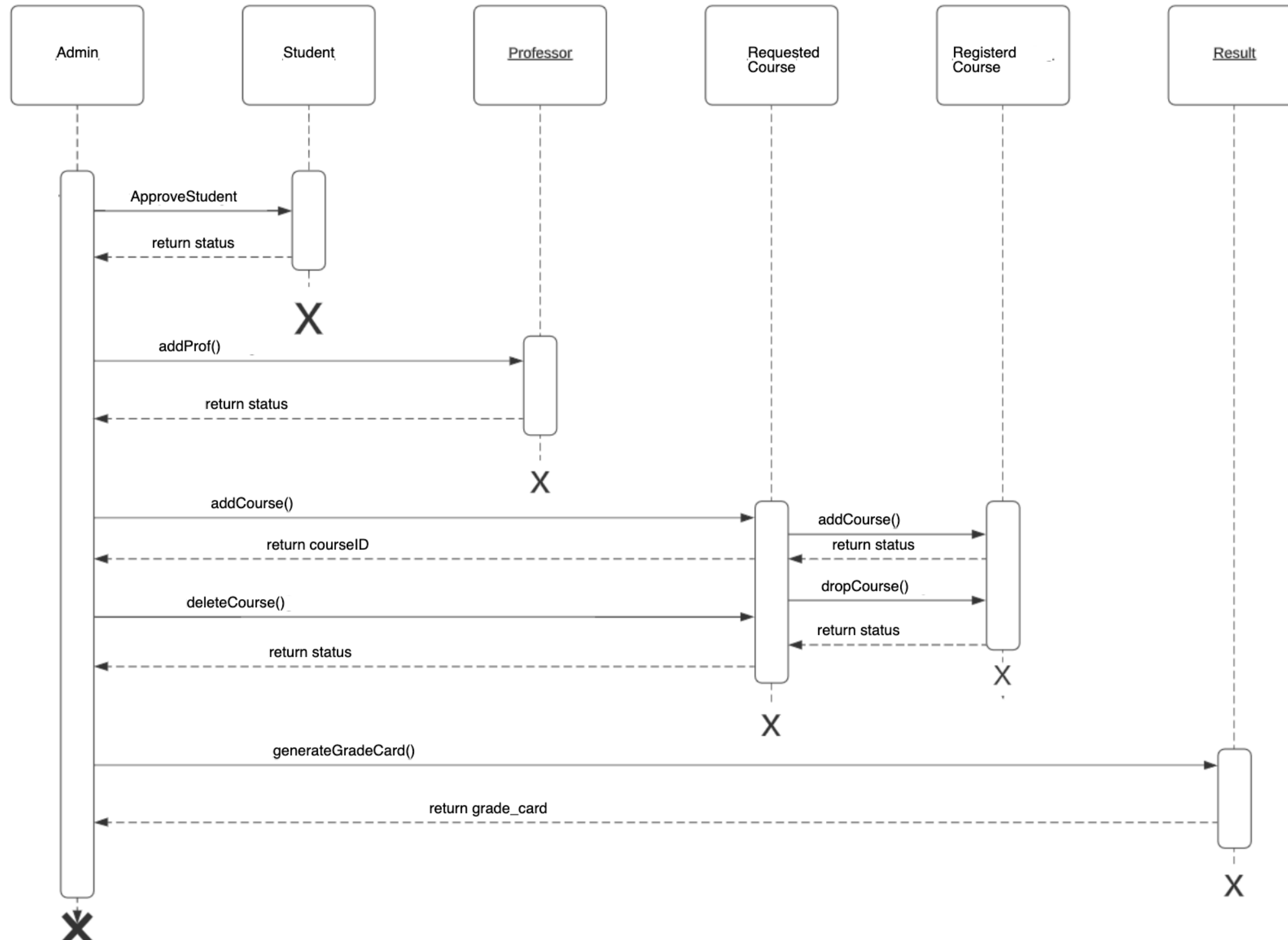
Professor Use Case Diagram
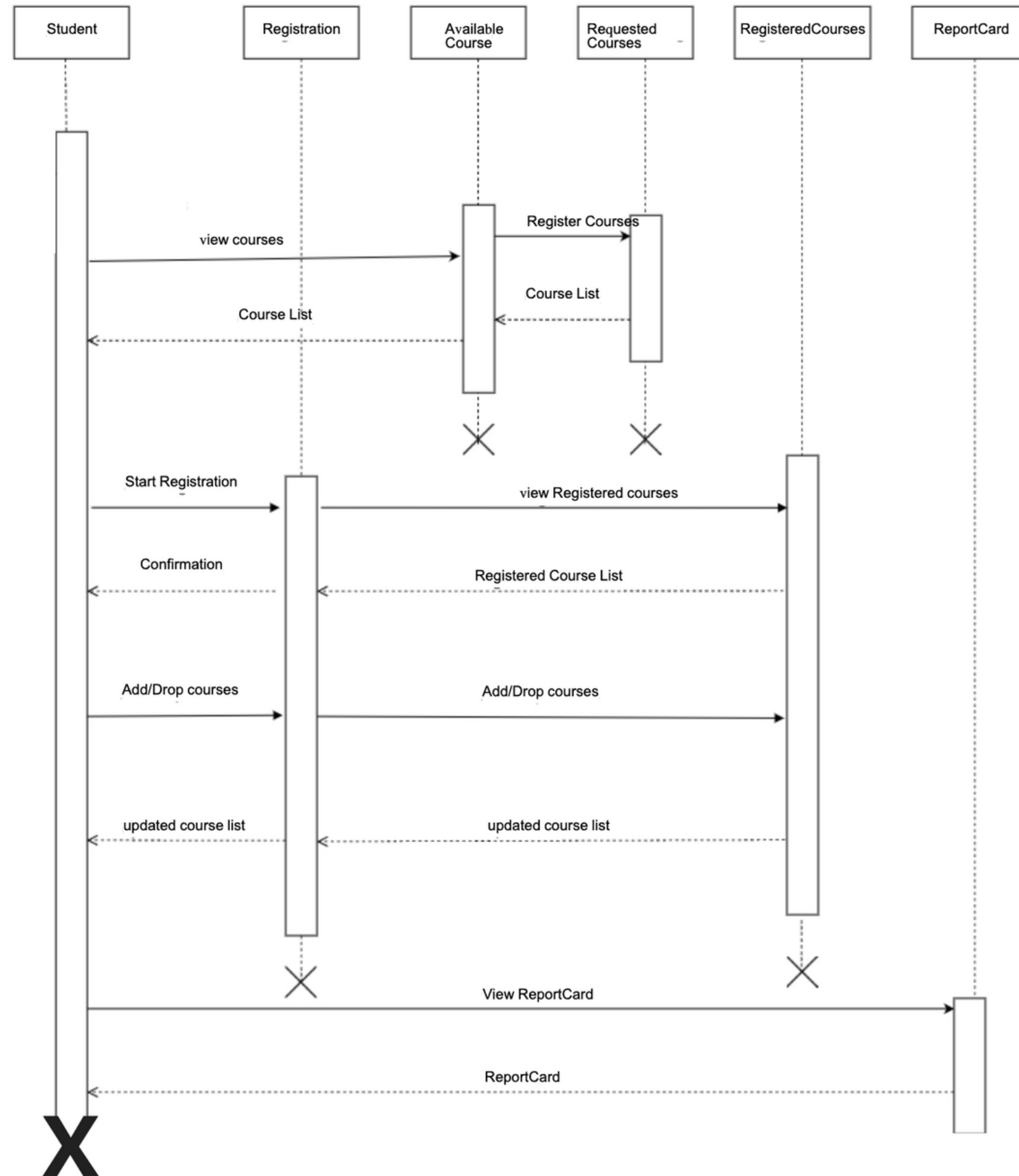
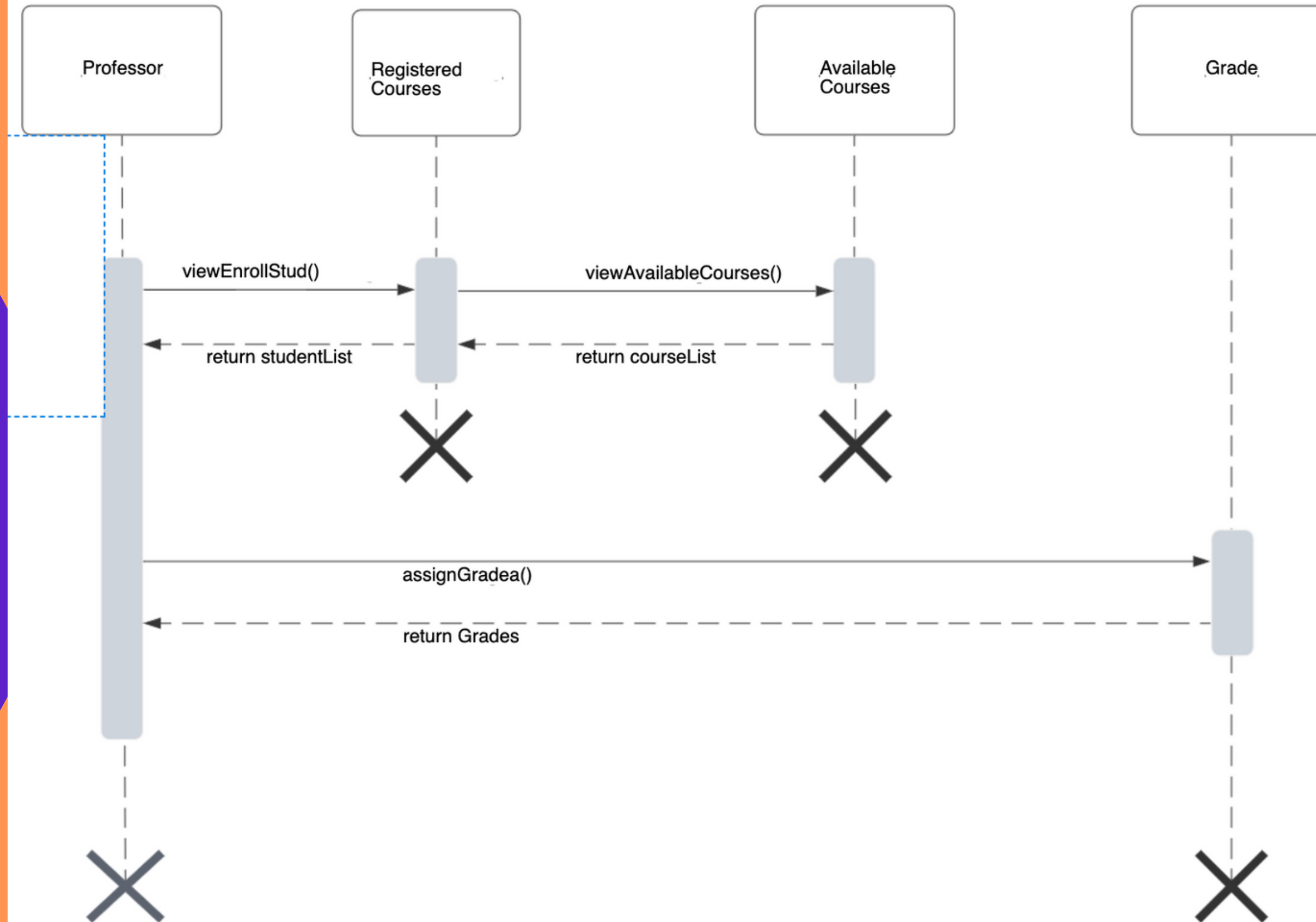**Admin Use Case Diagram**

Class Diagram

User
- -id: String
- -userName: String
- -emailId : String
- -Password : String

- +getId : String
- +setId : void
- +getUserName : String
- +setUserName : void
- +getPassword : String
- +setPassword : void
- +getEmailId : String

Administrator
- -id: String

- +addProf()
- +addCourse(
- +deleteCourse()
- +approveCourse()

Student
- -feeStatus: String
- -isApproved: boolean

- +getFeeStatus()
- +setFeeStatus()
- +isApproved()
- +setApproved()

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GradeCard
- -id: String
- -courseID: String
- -grade: String

- +getId()
- +setId()
- +getCourseId()
- +setCourseId()
- +getGrade()
- +setGrade()

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0..*

Professor
- +department: String
- +courseId: String

- +getDepartment()
- +setDepartment()

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Course
- -CourseId : String
- -profId : String
- -courseName : String
- -seats : int

- +getCourseId : String
- +setCourseId : void
- +getProfId : String
- +setProfId : Void
- +getCourseName : String
- +setCourseName : void
- +setSeats : void

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Admin Sequence Diagram

Student Sequence Diagram

Prof Sequence diagram

THANK YOU