College Registration System

- Student → Request Advisor Meeting
- Request Advisor Meeting <<<extends>> Select Courses
- Advisor → Register Student
  - Register Student <<includes>> Check Course Prerequisites
  - Register Student <<includes>> Check Academic Standing
  - Register Student <<includes>> Check Registration Eligibility
  - Register Student <<includes>> Print Bill
- Faculty → Check Course Enrollments
  - Retrieve Class List <<extends>> Check Course Enrollments
  - Check Student Transcript <<includes>> Check Course Enrollments
  - Lookup Student Information <<includes>> Check Course Enrollments
- Registrar → Manage Classes
  - Add Class <<extends>> Manage Classes
  - Cancel Class <<extends>> Manage Classes
  - Check Conflicts in Classroom/Faculty Assignments
- Admissions → Add New Student
- Enrollment Services
  - Report Retention
  - Update Student Information
  - Check Student Graduation Requirements

Unique Name	Request Advisor Meeting
Participating Actors	Student
Entry Conditions	Student has selected classes to take
Exit Conditions	Student has appointment to meet advisor
Flow of Events	Student Selects courses Student requests meeting Student meets advisor
Special Requirements	None

Unique Name	Register Student
Participating Actors	Advisor
Entry Conditions	Student attends advisor meeting; wants to enroll in classes
Exit Conditions	Student is registered for classes
Flow of Events	Student presents advisor with list of desired classes Advisor checks prerequisites Advisor checks student academic standing Advisor checks student eligibility Advisor registers student in classes Advisor prints bill
Special Requirements	None

Unique Name	Add New Student
Participating Actors	Admissions
Entry Conditions	New individual needs to be added to system
Exit Conditions	Individual added to system
Flow of Events	Admissions office received new student information Admissions enters new student information into system
Special Requirements	None

Person

- id: int
- name: string

inherits   inherits   inherits

Student

- GPA: float
- transcript: Transcript
- phoneNumber: String
- courseList: Course[]
- academicStanding: String

Faculty

- jobTitle: String
- tenure: bool

Advisor

- jobTitle: String

1....*

1....*   1

1....*   Teaches

1   Advises

1....*

1....*

Attends   Leads

1....*

Course

- id: int
- name: String
- section: int
- teacherID: int
- roomNumber: int
- prerequisites: Course[]
- studentList: Student[]
- price: float
- capacity: int
- isOpen: bool

1....*   1....*

1....*   1....*

Admits

1....*

Manages

1....*

Creates

1   1   1   1

Registrar

Enrollment

Admissions

inherits   inherits   inherits

Department

- id: int
- name: String
- buildingName: String