College Controller

- + run():
- + renameCollege():
- + viewOptionsMenu():
- + editFaculty():
- + editStaff():
- + editStudent():

College Interface

- + in: BufferReader
- + displayMainMenu():
- + getUserInputAsInt(int min, int max): int
- + getUserInputAsFloat(float min, float max): float
- + reNamingCollege(): String
- + displayViewOptionsMenu():
- + displayEditPersonMenu(String person):
- + addFaculty(): Faculty
- + addStaff(): Staff
- + addStudent(): Student
- + findPersonToRemove(String person): String
- + verifyRemoval(String name): String

College Class and Subclasses on Next Page

Getters for each ArrayList also included

College

- name: String

- students: ArrayList

- faculty: ArrayList

- staff: ArrayList

- courses: ArrayList

+ addFaculty(Faculty): void

+ addStaff(Staff): void

+ addStudent(Student): void

+ addCourse(Course): void

+ addStudentToCourse(Student, Course): void

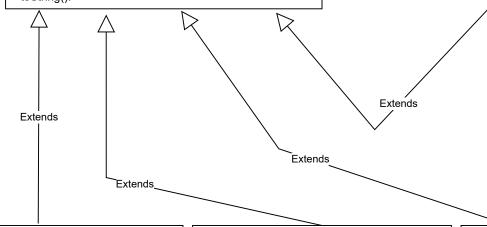
+ removeStudentFromCourse(Student, Course): void

+ setStudentAdvocate(Student, Staff): void

+ setCourseTeacher(Course, Faculty): void

+ changeCourseTeacher(Course, Faculty, Faculty): void

+ toString():



Course

- title: String

- teacher: Faculty

- participants: ArrayList

+ setTitle(String): void

+ setTeacher(Faculty): void

+ changeTeacher(Faculty): void

+ addParticipant(Student): void

+ removeParticipant(Student): void

+ toString():

Student

- name: String

- birthdate: int[]

- gpa: float

- advocate: Staff

- courses: ArrayList

+ setName(String): void

+ setGpa(float): void

+ setBirthdate(int month, int date, int year): void

+ setAdvocate(Staff): void

+ addCourses(Course): void

+ removeCourse(Course): void

+ toString():

Faculty

- name: String

- birthdate: int[]

- officeNumber: int

- officeHours: String

- positionStatus: String

- coursesTeaching: ArrayList

+ setName(String): void

+ setBirthdate(int month, int date, int year): void

+ setOfficeNumber(int): void

+ setOfficeHours(String): void

+ setPositionStatus(String): void

+ addCoursesTeaching(Course): void

+ removeCourseTeaching(Course): void

+ toString():

Staff

- name: String

- birthdate: int[]

- jobTitle: String

- advisingStudents: ArrayList

+ setName(String): void

+ setJobTitle(String): void

+ setBirthdate(int month, int date, int year): void

+ addAdvisingStudent(Student): void