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| **Person** |
| +name:String  +id:int |
| +Person()  +Person(String, int)  +isDuplicate(Student):boolean  +setName(String):void  +setID(int):void  +getName():String  +getID():int  +toString():String |

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| **Student** |
| -credits:int  -gradePoints:int  -gradeLevel:int  +enrolledCourses:ArrayList<String>  +desiredCourses:ArrayList<String> |
| +Student(string, int)  +getCredits():int  +getGradePoint():int  +getGPA():double  +getGradeLevel():String  +setCredits(int):void  +setGradePoints(int):void  +setGradeLevel(String):void  +enrollIn(String):void  +isEnrolled(String):Boolean  +desiredCourseAdd(String):void  +listEnrolledCourses():String  +listDesiredCourses():String |

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| **Instructor** |
| -department:String |
| +Instructor(String, int)  +getDepartment():String  +setDepartment(string):void |

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| **Course** |
| -name:String  -units: int  -duration: int  -totalNumOfStudents: int  +sessionList: LinkedList<Session >  +studentList: LinkedList<Student> |
| +Course(string, int, int)  +getCrsName():String  +getUnits():int  +getDuration():int  +setUnits(int):void  +setDuration(int):void  +getTotalNumOfStudents():int  +incrementTotalNumOfStudents():void |

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| **Session** |
| -capacity: int  -startTime: int  -endTime: int  -instructor: Instructor  -numStudents: int  -courseName: String  +studentList: LinkedList<Student> |
| +getCapacity():int  +setCapacity(int):void  +getStartTime():int  +setStartTime(int):void  +getEndTime():int  +setEndTime(int):void  +getInstructor():Instructor  +setInstructor(Instructor):void  +getCourseName():String  +setCourseName(String):void  +getNumStudents():int  +addStudent(Student):void  +removeStudent(Student):void  +findStudentID(int):int  +isSessionFull():boolean |

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| **Room** |
| -roomName: String  -roomCapacity: int  -openHour: int  -closeHour: int  -remainingTime: int  -numOfSessions:int  -listOfSessions: LinkedList<Course> |
| +Room(String, int, int, int)  +getRoomName():String  +getRoomCapacity():int  +getOpenHour():int  +getCloseHour():int  +getRemainingTime():int  +setRemainingTime():int  +throwup():void |

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| **Building** |
| -buildingName: String  -openHour: int  -closeHour: int  +roomList: ArrayList<Room > |
| +Building(String, int, int)  +getOpenHour():int  +setOpenHour(int):void  +getCloseHour():int  +setCloseHour(int):void  +getBuildingName():String  +setBuildingName(String):void  +addRoom(String, int):void  +throwup():void |

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| **Campus** |
| -CampusName: String  -ListOfBuildings: ArrayList<Building> |
| +Campus(String)  +getCampusName():String  +setCampusName(String):void  +addBuilding(Building):void  +throwup():void |

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| **Registrar** |
| -campus:Campus  -masterStudentList: Hashtable<String,Student>  -courseList: ArrayList<Course>  -shortestCourse: int  -isCompletelyFull: LinkedList<String>  -errorList: ArrayList<String[]>  -noCourseStudentsList: ArrayList<Student>  +first:Instructor  +second:Instructor |
| +Registrar(String)  +createCampus(String):void  +createCourses(String):void  +createSession(String):Session)  +addTime(int, int): int  +subTimeMin(int, int): int  +subTimeHour(int, int): int  +getSession(String): Session  +assignInstructor(int): Instructor  +getCourse(String): Course  +addSudent(String, String): void  +enrollStudents(String): void  +errorWriteUp(String): void  +sessionAndStudentsEnrolledWriteUp(String):void  +courseAndStudentsEnrolledWriteUp(String): void  +masterStudentListWriteUp(String): void  +noCourseStudentsListWriteUp(String): void  +throwup(): void |