JSONFileManag

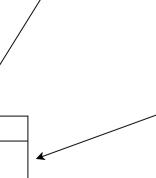
- advisors: ArrayList<Advisor>
- lecturers: ArrayList<Lecturer>
- studentAffairsStaff: ArrayList<Stud
- student: ArrayList<Student>
- courses: ArrayList<Course>

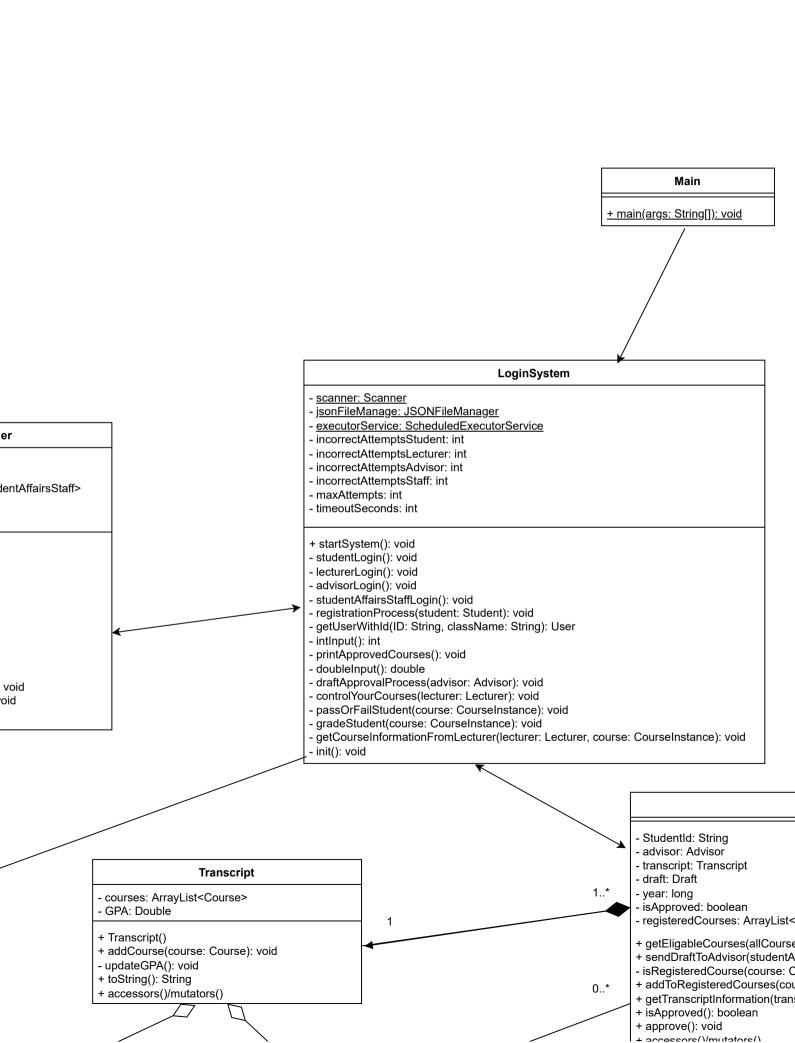
+ JSONFileManager()

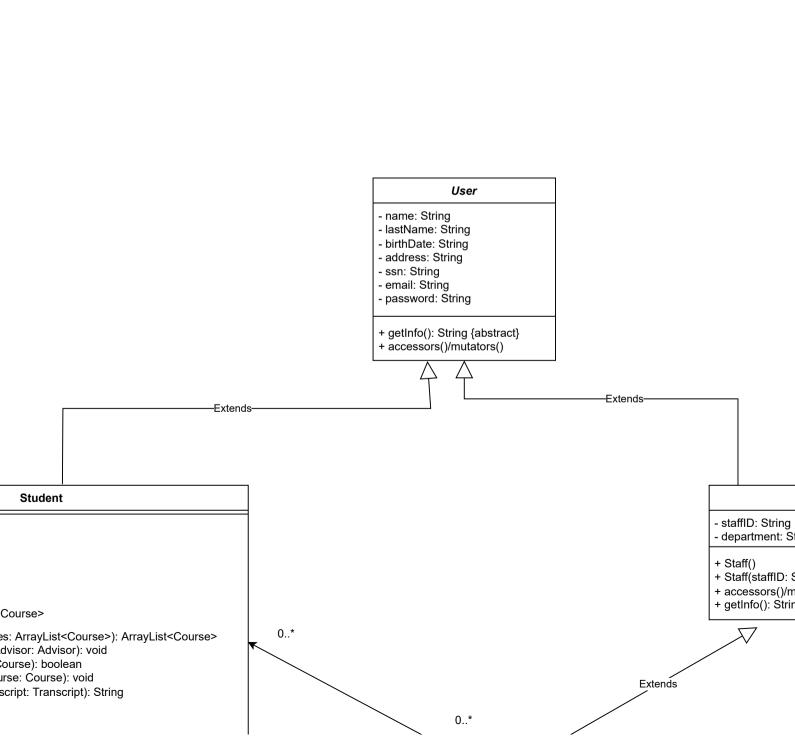
- + writeAllDataToJSON(): void
- writeAllCoursesData(): void
- getAllCoursesData(): void
- writeAllStudentsdata(): void
- writeAllAdvisorsData(): void
- getAllAdvisorsData(): void
- getAllStudentsData(): void
- getAllLecturersData(): void
- writeAllLecturersData(): void
- writeAllStudentAffairsStaffsData():
- getAllStudentAffairsStaffsData(): v
- + accessors()/mutators()

CourseInstance

- maxNumberStudents: long
- courseCode: String
- courseName: String
- courseLecturerID: String
- registeredStudents: ArrayList<Student>
- + accessors()/mutators()







Staff

tring

String, department: String) autators() ag

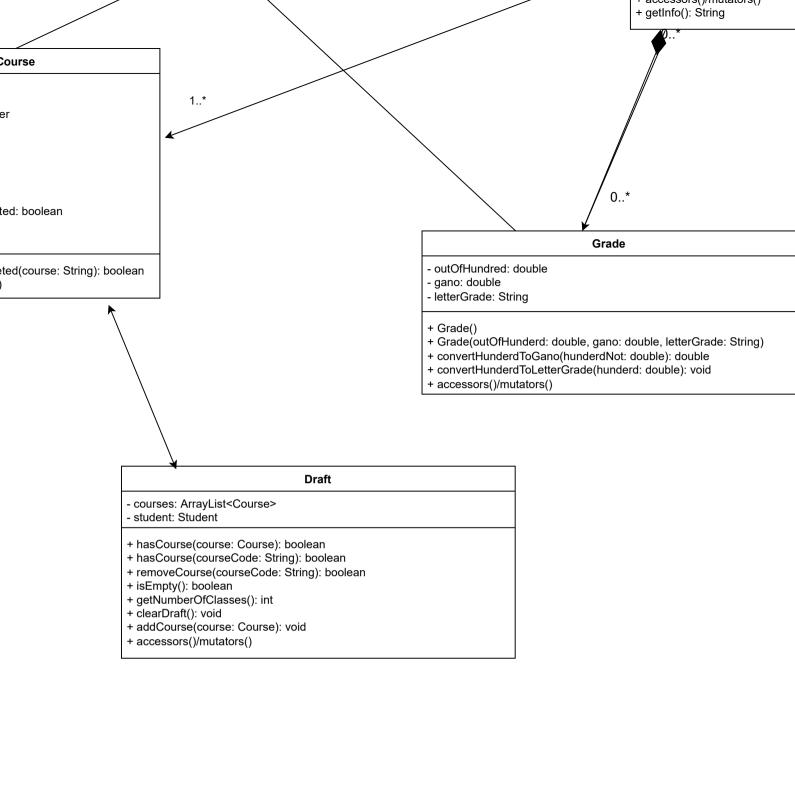
Extends

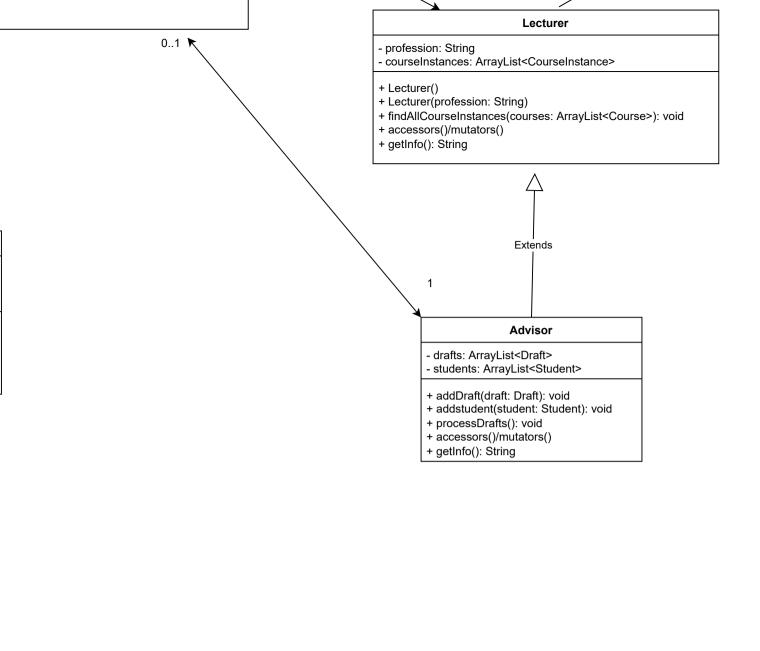
- student: Student

- advisor: Advisor

- advisor: Advisor
- courseLecturer: Lectur
- grade: Grade
- courseName: String
- courseCode: String
- prequisite: String
- credits: long
- year: long
- isPrerequisitesComple
- isCompleted: boolean
- isApproved: boolean

+ isPrerequisitesComple + accessors()/mutators(





StudentAffairsStaff

- workingField: String

- + StudentAffairsStaff()
 + StudentAffairsStaff(workingField: String)
 + studentUpdate(updateStudent Student,studentID String
 + accessors()/mutators()
 + getInfo(): String