Receptionist ~ s: Scanner ~ E: EnrollmentManager ~ R: Receptionist ~ users: List<User> + Receptionist(scan: Scanner) + getReceptionist(scan: Scanner) ~ createUser(): User + selectedCourse(p: Professor, course: Course) ~ login(): User ~ menu(p: Professor) ~ menu(a: Admin) ~ menu(stu: Student) ~ <u>listProfessors()</u> ~ createPreexistingData() ~ setScanner(scan: Scanner) User(Abstract) ~ enrollment: EnrollmentManager ~ username: String ~ password: String ~ userType: String ~ name: String + User(name: String, username: String, password: String) ~ loginVerification(password: String): boolean ~ viewCourses() + logInVerification(username: String, password: String): boolean + viewCourses() + getUsername(): String + setUsername(username: String) + getPassword(): String + setPassword(password: String) + setUserType(userType: String) + getUserType(): String + setName(name: String) + getName(): String

Student	Professor	Admin	
+ coursesEnrolled: List <course></course>	+ coursesTaught: List <course></course>		Pair
+ Student(name: String, username: String, password: String)	~ viewCourses() + viewStudents(C: Course) + changeGrade(C: Course, name:	+ Admin(name: String, username: String, password: String) + addCourse(courseName: String,	+ student: Student + grade: int
viewCourses() - unEnroll(c: Course): int - enroll(c: Course)	String, grade: int) + getTaughtByName(name: String) + getTaughtByCode(code: String) + Professor(name: String, username: String, password: String) + leaveCourse(c: Course): int	description: String, code: String, professor: Professor) + deleteCourseByCode(code: String) + deleteCourseByName(name: String) + viewCourseS()	+ Pair(s: Student, g: int) + equals(o: Object): boolean + getStudent(): Student
		\	Course - courseName: String
			- courseDescription: String - courseCode: String - professor: Professor - studentList: List <pair></pair>
			- Course(cN:String, cD: String, cC: String, p: Professor) + clearClass() + printCourse() + addStudent(s: Student): int
	EnrollmentManager+ eM: EnrollmentManager~ CourseOffering: List<course></course>		+ getGrade(s: Student): int + setGrade(s: Student, g: int) + getCourseCode(): String + getCourseName(): String + setCourseName(courseName: String)
	 + addCourse(c: Course) + removeCourse(c: Course) + getManager(): EnrollmentManager + printCourseOptions() + getCourseByName(name: String) + getCourseByCode(code: String) 		+ setCourseCode(courseCode: String) + getCourseDescription(): String + setCourseDescription(courseDescription: String) + getProfessor(): User + setProfessor(p: Professor) + getStudents(): List <pair> + getStudent(name: String): Student</pair>