User +login(): bool +display(): void +getUsername(): string +getPassword(): string AcademicOfficer -username: string -password: string -programPointer[10]: Program* -programCount: int Teacher -username: string
-password: string
-password: string
-assignedProgram: string
-assignedProgram: string
-assignedCourses[2]: string
-coursePointer[45]: Course*
-evaluations[5]: Evaluation*
-topicCovered[5]: Topic*
-assignedCourseCount: int
-courseCount: int
-topicCount: int -programCount: int
-findProgramIndex(name: string): int
+setName(m: string): void
+getUsername(): string
+getPassword(): string
+login(): brol
-display(): void
+manageProgram(): void
+manageCourse(): void
+senerateCourseListForPLO(): void
+severFoFie(liename: string, filename.t. string): void
+badDataFromFile(filename: string): void
+addProgram(program: Program*): void -topicCount: int

+assignCourses(numCourses: int): void
+setName(n: string): void
+getName(n: string)
+displayCLO(): void
+enterTopicScovered(): void
+enterTopicScovered(): void
+displayTopicCovered(): void
+addEvaluations(): void
+TestEachCourse(): void
+displayAllCourses(): void
+displayAllCourses(): void
+displayCourses(): void
+displayTopicTelf(filename: string): void
+loadDataFromFile(filename: string): void
+loadDataFromFile(filename: string): void
+loadEvaluationsFromFile(filename: string): void +manages Program -name: string -description: string -ploPointer[15]: PLO* -ploCount: int +getName(): string +getDescription(): string +addPLO(newPLO: PLO*): bool +displayPLO(): void +getPLO(index: int): PLO* +deletePLO(index: int): bool +getNumberOfPLO(): int +saveToFile(outFile: ofstream, o +teaches PLO -description: string -coursePointers[3]: Course* -courseCount: int + AgetDescription(): string + setDescription(): string + setDescription(newD: string): void + setDescription(newD: string): void + setGescription(newD: string): void + setGescription(newD: void + setGescription(newD: newD: string): void + setGescription(newD: newD: string): void + setGescription(newD: newD: string): void + setGescription(newD: string): void + setGescription(newD +includes Evaluation name: string description: string cloPointers[5]: CLO* cloCount: int -description: string -questions[10]: Question* -cloTested[5]: CLO* -questionCount: int -cloCount: int cloCount: int

+getName(): string
+getDescription(): string
+addcLO(newCLO: CLO*): bool
+displaycLO: 50; void
+updateCLO(nidex: int): bool
+deleteCLO(nidex: int): bool
+getNumberOfCLO: 50; int
+getCLO(nidex: int): CLO*
+setName(n: string): void
+setDescription(newD: string): void
+setDescription(newD: string): void +addCuclotic. Int -qetDescription(): string +addCLO(clo: CLO*): void +getCLOCount(): int +addQuestion(question: Question*): void +displayQuestion(question; Void +containsCLO(clo: CLO*): bool +getQuestion(count(): int +getQuestion(index: int): Question tests CLO Question -description: string -topics[5]: Topic* -topicCount: int -evaluations[5]: Evaluation* -evaluationCount: int -description: string +getDescription(): string -evaluation.Count: int
+getDescription(); string); void
+setDescription(newD; string); void
+setDescription(newD; string); void
+add(Faylet(ngbic: Topic*); void
+add(Faylet(ngbic: Topic*); void
+getTopicCount(); int
+getTopicCount(); int
+getTopic(index: int); Topic*
+getTopicCount(); void
+getTopic(index: int); Topic*
+getTopic(index: int); Evaluation* +covers Topic +description: string