Coach -userName: String -password : String +setUserName (String):void +getUserName(): String +serPassword(String):void +gePassword(): String +verifyPassword():boolean Profile -name: String +serName (String): void +getName(): String +changeUserName(): void

PastChallengesLed +challengeName : String +listOfChallenges() : String array

+changePassword(): void

+deleteAccount(): void

+printChallenges(): string()

CreateChallenge

-challengeName : String -challengeDescription : Stirng

-type : String

-coachAssigned : String

-difficulty: int -startDate: int -endDate: int -interval: int -open: Boolean -team: Boolean -startAge: int -endAge: int

+setChallengeDescription(Stirng) :void +getChallengeDescription() : String +setChallengeName(Stirng) :void +getChallengeName() : String +setType(Stirng) :void +getType() : String

+setCoachAssigned(Stirng): void +getCoachAssigned (): String +setDifficulty(Stirng): void

 $+ {\sf getDifficulty()}: int \\$

+setStartDate(Stirng) : void

+getStartDate(): int

+setEndDate(Stirng) : void

+getEndDate(): int +setInterval(Stirng): void +getInterval(): int

+setStartAge(Stirng): void

+getEndAge(): int +setOpen(Stirng): void +getOpen(): Boolean +setTeam(Stirng): void +getTeam(): Boolean

SeeChallege

-usersEnrolled : String array

+viewChallegneName(): String

 $+ view Challenge Description (String\ challenge):$

String