

Member
- firstName: String
- lastName: String
+ getFirstName(): String
+ getLastName(): String
+ toString(): String

Student
- tScript: Transcript
- studentNum: String
+ getTScript(): Transcript
+ getStudentNum(): String
+ toString(): String

Captain
- email: String
+ getEmail(): String
+ toString(): String

Record
- cap: Captain
- date: CTCDate
- desc: String
+ getCaptain(): Captain
+ getDate(): CTCDate
+ getDesc(): String
+ toString(): String

CTCDate
- month: int
- day: int
- week: int
- time: String
- dur: String
+ getMonth(): int
+ getDay(): int
+ getWeek(): int
+ getTime(): String
+ getDuration(): String
+ toString(): String

AllStudents
- students: List<Student>
- size: int
+ getStudents(): List<Student>
+ getSize: int
+ addStudent(Student): void
+ toString(): String

AllCaptains
- captain: List<Captain>
- size: int
+ getCaptains(): List<Captain>
+ getSize: int
+ addCaptain(Captain): void
+ toString(): String

Transcript
- records: List<Record>
- size: int
+ getRecords(): List<Record>
+ getSize: int
+ toString(): String

Club
- allStudents: AllStudents
- allCaptains: AllCaptains
+ Club(AllStudents, AllCaptains): constructor
+ Club(String): constructor
- load(String): void
+ filterStudents(String, filterType): AllStudents
+ filterCaptains(String, filterType): AllCaptains
+ searchStudent(String, searchType): AllCaptains

\* Use Interfaces for filtering / searching \*