

# Sport Management System

## *User*

-ID: Integer  
-username: String  
-age: Integer  
-email: String  
-password: String  
-sport: String  
-weight: Integer  
-gender: String  
-teamID: Integer  
**+CRUD()**  
**+findByUsernamePassword(String , String ):User**  
**+getAgeByRange(Integer,Integer): List<User>**  
**+getWeightAbove(Integer): List<User>**  
**+getByGender(String): List<User>**  
**+getBySport(String): List<Student>**  
**+findCategory(Integer): String**

## *TeamLead*

-ID: Integer  
-name: String  
-experience: Integer  
-email: String  
-status: String  
**+CRUD()**  
**+getExperienceAbove(Integer): List<TeamLead>**  
**+statusUpdate(Integer): void**

## *Team*

-ID: Integer  
-name: String  
-teamleadID: Integer  
**+CRUD()**  
**+join(Integer,Integer): String**  
**+getByName(String): List<Team>**

## *Match*

-ID: Integer  
-teamID: Integer  
-date: LocalDate  
-duration: Integer  
-location: String  
-organizerID: Integer  
**+CRUD()**  
**+matchesToday(): List<Matchh>**  
**+matchesInRange(Date,Date): List<Matchh>**  
**+matchesLocation(String): List<Matchh>**  
**+matchesDuration(String): List<Matchh>**  
**+teamMatches(Integer): List<Matchh>**

## *Organizer*

-ID: Integer  
-name: String  
-email: String  
**+CRUD()**