**Funzionalità “SportClub”**

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| **Database Management** | |
| static Connection getConnection() | Return the Connection to the Database |
| static Connection connect() | Connect to the Database and return the Connection. |
| **Database Check Methods** | |
| static boolean checkMember(Member member) | Check if a member is already registered to the SportClub.  TRUE:   * The member is already registered.   FALSE:   * The member is not registered yet. |
| static boolean checkActivity(Activity activity) | Check if an activity is already registered to the SportClub.  TRUE:   * The activity is already registered.   FALSE:   * The activity is not registered yet. |
| static boolean checkSubscription(Activity activity, String username) | Check if a member is already registered to an activity.  TRUE:   * The member is registered to the activity.   FALSE:   * The member is not registered to the activity. |
| **Member Methods** | |
| static void register(Member member) | Register a member in the SportClub. |
| static boolean authenticate(Member member,  boolean isAdmin) | Sign a member in the System. Login method.  TRUE:   * Login successful   FALSE:   * Login failed |
| static void subscribe(Activity activity,  Member member) | Subscribe the Member to an Activity. |
| static void unsubscribe(Activity activity,  Member member) | Unsubscribe a Member to an Activity. |
| **Administrator Methods** | |
| static void delete(Member member) | Delete a member from the SportClub. |
| static void addActivity(Activity activity) | Add an activity in the SportClub. |
| static void deleteActivity(Activity activity) | Delete an activity from the SportClub. |
| static void editMember(Member member, String newName, String newSurname, String newUsername, String newPassword) | Edit a Member data inside the Database.  INPUT:   * member: Member of which edit the data. * newAttribute: new data of the Member. |
| static void editActivity(Activity activity, String newName) | Edit a Activity data inside the Database.  INPUT:   * member: Activity of which edit the data. * newName: new name of the Activity. |
| **Get Methods** | |
| static Member getSelectedMember(String username) | INPUT:   * The Username of the Member.   OUTPUT:   * The matching Member. |
| static Activity getSelectedActivity(String name) | INPUT:   * The Name of the Activity.   OUTPUT:   * The matching Activity.. |