TABLE.CSDL.TXT

NỘI DUNG CÁC BẢNG:

### ****athletes****

Stores basic information about athletes, including their first name, last name, email, address, status (Active, Inactive, Suspended), join date, and last modified timestamp.  
**Primary Key**: AthleteID.

### ****athleteachievements****

Stores the achievements of athletes, including the achievement date, competition name, type of achievement, and any associated reward.  
**Primary Key**: AthleteID.  
**Foreign Key**: Links to the athletes table through AthleteID.

### ****athletehealthhistory****

Records health-related information of athletes, including blood type, allergies, medical conditions, emergency contact, last checkup date, and additional notes.  
**Primary Key**: HealthID.  
**Foreign Key**: Links to the athletes table through AthleteID.

### ****athletephonenumbers****

Stores phone numbers of athletes, categorized by type (Mobile, Home, Emergency) and their respective details.  
**Primary Key**: PhoneID.  
**Foreign Key**: Links to the athletes table through AthleteID.

### ****athletescheduleassignments****

Manages the schedule assignments for athletes, including details about schedule templates, start and end dates, active status, creator, and timestamps.  
**Primary Key**: AssignmentID.  
**Foreign Keys**:

* Links to the athletes table through AthleteID.
* Links to the scheduletemplates table through TemplateID.
* Links to the staff table through CreatedBy.

### ****athletespecialities****

Stores information about the specialties of athletes, such as the sport type and years of experience.  
**Primary Key**: SpecialityID.  
**Foreign Key**: Links to the athletes table through AthleteID.

### ****athleteviolations****

Records violations committed by athletes, including the violation date, description, severity (Minor, Moderate, Severe), status (Pending, Resolved), and resolution.  
**Primary Key**: AthleteViolationID.  
**Foreign Key**: Links to the athletes table through AthleteID (with ON DELETE CASCADE).

### ****classfacilities****

Manages class facilities, including equipment ID, room ID, and location.  
**Primary Key**: RoomID.  
**Foreign Keys**:

* Links to the facilities table through EquipmentID.
* Links to the facilities table through RoomID.

### ****cleaningstaff****

Records details about cleaning staff, including their responsibilities and schedules.  
**Primary Key**: StaffID.  
**Foreign Key**: Links to the staff table through StaffID.

### ****courseathletes****

Tracks athlete enrollments in courses, including the course and athlete IDs.  
**Primary Key**: EnrollmentID.  
**Foreign Keys**:

* Links to the courses table through CourseID.
* Links to the athletes table through AthleteID.

### ****courseplans****

Links nutrition plans to courses.  
**Primary Key**: Combination of PlanID and CourseID.  
**Foreign Keys**:

* Links to the courses table through CourseID.
* Links to the nutritionplans table through PlanID.

### ****courses****

Stores information about courses, including the course name, trainer, schedule, requirements, and description.  
**Primary Key**: CourseID.  
**Foreign Key**: Links to the trainers table through TrainerID.

### ****equipment****

Manages details about equipment, including its type, purchase date, and last maintenance date.  
**Primary Key**: FacilityID.  
**Foreign Key**: Links to the facilities table through FacilityID.

### ****facilities****

Stores information about facilities, including the name and type (Room or Equipment).  
**Primary Key**: FacilityID.

### ****maintenancestaff****

Stores details about maintenance staff, including their area of responsibility, schedule, and emergency response availability.  
**Primary Key**: StaffID.  
**Foreign Key**: Links to the staff table through StaffID.

### ****nutritionplans****

Stores information about nutrition plans, including the plan name, description, duration, and creation date.  
**Primary Key**: PlanID.

### ****officestaff****

Stores details about office staff, including their position and schedules.  
**Primary Key**: StaffID.  
**Foreign Key**: Links to the staff table through StaffID.

### ****payments****

Tracks payment details, including the date, amount, type (Cash, Bank Transfer), and the staff member who received the payment.  
**Primary Key**: PaymentID.  
**Foreign Key**: Links to the staff table through ReceivedBy.

### ****rooms****

Manages details about rooms, including floor number, maximum occupancy, and last maintenance date.  
**Primary Key**: FacilityID.  
**Foreign Key**: Links to the facilities table through FacilityID.

### ****rules****

Stores information about rules, including the title and description of each rule.  
**Primary Key**: RuleID.

### ****Scheduletemplatedetails****

Stores details for schedule templates, including the day of the week, time slots, activity type (Course, Training, Rest, etc.), and related IDs.  
**Primary Key**: DetailID.  
**Foreign Keys**:

* Links to the scheduletemplates table through TemplateID.
* Links to the courses, trainers, and facilities tables for additional details.

### ****scheduletemplates****

Stores information about schedule templates, including the name, description, active status, and timestamps.  
**Primary Key**: TemplateID.

### ****securitystaff****

Stores schedules for security staff.  
**Primary Key**: StaffID.  
**Foreign Key**: Links to the staff table through StaffID.

### ****staff****

Stores basic information about staff members, including their name, date of birth, email, hire date, and type (Office, Cleaning, Maintenance, Security).  
**Primary Key**: StaffID.  
**Unique Key**: Email.

### ****staffphonenumbers****

Stores phone numbers for staff members, categorized by type (Mobile, Home, Emergency).  
**Primary Key**: PhoneID.  
**Foreign Key**: Links to the staff table through StaffID.

### ****staffviolations****

Records violations by staff members, including the date, description, severity, status, and resolution.  
**Primary Key**: staffViolationID.  
**Foreign Key**: Links to the staff table through StaffID (with ON DELETE CASCADE).

### ****trainerphonenumbers****

Stores phone numbers for trainers, categorized by type (Mobile, Home, Emergency).  
**Primary Key**: PhoneID.  
**Foreign Key**: Links to the trainers table through TrainerID.

### ****trainers****

Stores information about trainers, including their name, date of birth, email, hire date, and qualifications.  
**Primary Key**: TrainerID.  
**Unique Key**: Email.

### ****trainerviolations****

Records violations by trainers, including the date, description, severity, status, and resolution.  
**Primary Key**: ViolationID.  
**Foreign Key**: Links to the trainers table through TrainerID (with ON DELETE CASCADE).