

# Diagram Documentation

## SportsHalls

Field	Description	Type	Default	Other
HallID		int		PK
HallName		varchar(100)		
Location		varchar(100)		
Capacity		int		

## Clients

Field	Description	Type	Default	Other
ClientID		int		PK
FirstName		varchar(50)		
LastName		varchar(50)		
Email		varchar(100)		UNIQUE
Phone		varchar(15)		
DateOfBirth		date		
RegistrationDate		timestamp		
HallID		int		FK

## Trainers

Field	Description	Type	Default	Other
TrainerID		int		PK
FirstName		varchar(50)		
LastName		varchar(50)		
Specialization		varchar(100)		
Email		varchar(100)		UNIQUE
Phone		varchar(15)		
HireDate		timestamp		
HallID		int		FK

## Memberships

Field	Description	Type	Default	Other
MembershipID		int		PK
MembershipType		varchar(50)		
DurationMonths		int		
Price		decimal(10,2)		

## Classes

Field	Description	Type	Default	Other
ClassID		int		PK
ClassName		varchar(100)		
TrainerID		int		FK
Schedule		datetime		
DurationMinutes		int		

## ClientClasses

Field	Description	Type	Default	Other
ClientClassID		int		PK
ClientID		int		FK
ClassID		int		FK
RegistrationDate		timestamp		

## ClientMemberships

Field	Description	Type	Default	Other
ClientMembershipID		int		PK
ClientID		int		FK
MembershipID		int		FK
StartDate		date		
EndDate		date		

## SportsEquipment

Field	Description	Type	Default	Other
EquipmentID		int		PK
EquipmentName		varchar(100)		
Quantity		int		
HallID		int		FK

## Events

Field	Description	Type	Default	Other
EventID		int		PK
EventName		varchar(100)		
EventDate		date		
HallID		int		FK