

## Database Dictionary

Table: **Attendee**

Column Name	Description	Data Type	Size	Format	Key?
attendeeID	Unique sequential number that identifies the member attending a particular training session	VARCHAR	10		PK
memberID	The member who wishes to participate in training session	VARCHAR	10		FK (ref. Member)
sessionID	The particular training session an attendee participated in	VARCHAR	10		FK (ref. CoachingSession)

Table: **Booking**

Column Name	Description	Data Type	Size	Format	Key?
bookingID	Unique sequential number that identifies the reservation of a court	VARCHAR	10		PK
bookingDate	The date the tennis court was booked	DATE		YYYY-MM-DD	
bookingStartTime	The start time of the reservation	VARCHAR	10	HH:MM AM/PM	
bookingEndTime	The end time of the reservation	VARCHAR	10	HH:MM AM/PM	
memberID	The member who booked the court for the reservation	VARCHAR	10		FK (ref. Member)
courtID	The tennis court that was booked for the reservation	VARCHAR	10		FK (ref. Court)

Table: **Coaching Session**

Column Name	Description	Data Type	Size	Format	Key?
sessionID	Unique sequential number indicating a particular training session	VARCHAR	10		PK
coachSessionDate	The date the training session took place	DATE		YY-MM-DD	
sessionStartTime	The time the training session started	VARCHAR	10	HH:MM AM/PM	
sessionEndTime	The time the training session ended	VARCHAR	10	HH:MM AM/PM	
sessionFee	The cost (to the attendee) associated with the particular training session	DECIMAL	(7, 2)		
coachID	The coach responsible for the training session	VARCHAR	10		FK (ref. Coach)

Table: **Court**

Column Name	Description	Data Type	Size	Format	Key?
courtID	Unique sequential number identifying the different tennis courts available	VARCHAR	10		PK
courtType	Refers to the three types of tennis courts available: indoor, outdoor, and clay	VARCHAR	45		
status	Refers to the availability of the court (Available, Occupied, Renovation)	VARCHAR	45		
staffID	Identifies the staff responsible for the upkeep of the court	VARCHAR	10		FK (ref. Staff)

**Table: Event**

Column Name	Description	Data Type	Size	Format	Key?
eventID	Unique sequential number that distinguishes the different social events hosted by the tennis club	VARCHAR	10		PK
eventName	The name associated with the different events hosted by the tennis club	VARCHAR	100		
eventDate	The date on which the social event is hosted	DATE		YYYY-MM-DD	
eventStartTime	The time the particular social event begins	VARCHAR	10	HH:MM AM/PM	
eventEndTime	The time the particular social event ends	VARCHAR	10	HH:MM AM/PM	
eventFee	The fee associated with attending the particular event	DECIMAL	(7,2)		

**Table: EventParticipant**

Column Name	Description	Data Type	Size	Format	Key?
eventParticipant	Unique sequential number that identifies the particular member that is participating in a particular event	VARCHAR	10		PK
membershipID	The member attending the specific event	VARCHAR	10		FK (ref. Member)
eventID	The specific event the member is attending	VARCHAR	10		FK (ref. Event)

**Table: MaintenanceLog**

Column Name	Description	Data Type	Size	Format	Key?
logID	Unique sequential number indicating a particular maintenance performed	VARCHAR	10		PK
dateTimeLogged	The date maintenance was performed	DATETIME		YYYY-MM-DD HH:MM:SS	
maintenanceType	The specific maintenance performed (cleaning, repairs, e.g.)	VARCHAR	45		
description	Describe the progress of the particular maintenance being done	VARCHAR	100		
courtID	Refers to the court maintenance was performed on	VARCHAR	10		FK (ref. Court)

Table: **Member**

Column Name	Description	Data Type	Size	Format	Key?
memberID	Unique sequential number identifying each member	VARCHAR	10		PK
memberFirstName	The first name of the member	VARCHAR	45		
memberLastName	The last name of the member	VARCHAR	45		
memberContactNum	The member's primary phone number	VARCHAR	15	999-999-9999	
email	The member's primary email address	VARCHAR	45		
mailAddress	The member's primary mailing address	VARCHAR	150		
membershipType	The specific type of membership associated	VARCHAR	45		

Column Name	Description	Data Type	Size	Format	Key?
	with the member (Bronze, silver, gold, platinum)				
dateOfJoining	The date in which the member joined the club	DATE		YYYY-MM-DD	

Table: **Participant**

Column Name	Description	Data Type	Size	Format	Key?
participantID	Unique sequential number that identifies the member participating in the tournaments	VARCHAR	10		PK
score	The score associated with the participant in a particular tournament	VARCHAR	15		
memberID	The member that wishes to participate in tournament	VARCHAR	10		FK (ref. Member)
tournamentID	The tournament a member participated in	VARCHAR	10		FK (ref. Tournament)

Table: **ProShopItem**

Column Name	Description	Data Type	Size	Format	Key?
itemID	Unique sequence that identifies the different items sold in the ProShop	VARCHAR	10		PK
itemName	The name associated with the ID of the item	VARCHAR	45		
category	The category associated with the particular item (apparel, equipment, e.g.)	VARCHAR	45		

Column Name	Description	Data Type	Size	Format	Key?
buyPrice	The cost of the item	DECIMAL	(7,2)	9999999.99	
quantityInStock	The amount of a specific product that is still available to sell	INT			

Table: **Sale**

Column Name	Description	Data Type	Size	Format	Key?
saleID	Unique sequence used to identify a specific sale	VARCHAR	10		PK
saleDate	The date of the specific sale	DATE		YYYY-MM-DD	
totalAmount	The total amount of the specific sale	DECIMAL	(7,2)	9999999.99	
memberID	The member purchasing the item	VARCHAR	10		FK (ref. Member)

Table: **SaleDetails**

Column Name	Description	Data Type	Size	Format	Key?
saleDetailsID	Unique sequence used to identify the specifications of the sale	VARCHAR	10		PK
priceEach	The price of each item sold in the sale	DECIMAL	(7,2)	9999999.99	
quantityOrdered	The amount of a product ordered in the sale	INT			
saleID	Unique sequence used to identify a specific sale	VARCHAR	10		FK (ref. Sale)

Column Name	Description	Data Type	Size	Format	Key?
itemID	Unique sequence that identifies the different items sold in the ProShop	VARCHAR	10		FK (ref. ProShopItem)

Table: **Staff**

Column Name	Description	Data Type	Size	Format	Key?
staffID	Unique sequence that identifies the staff that work at the club	VARCHAR	10		PK
staffFirstName	The first name of the staff	VARCHAR	45		
staffLastName	The last name of the staff	VARCHAR	45		
role	The role associated with the staff (coach, janitor, clerk, e.g.)	VARCHAR	45		
staffContactNumber	The primary phone number of the staff	VARCHAR	15		
workSchedule	The shift associated with the staff	VARCHAR	45	HH:MM AM/PM - HH:MM AM/PM	
eventID	Unique sequential number that identifies the staff members that work an event	VARCHAR	10		FK (ref. Event)

Table: **Tournament**

Column Name	Description	Data Type	Size	Format	Key?
tournamentID	Unique sequence that identifies the different tournaments held at the tennis club	VARCHAR	10		PK

Column Name	Description	Data Type	Size	Format	Key?
tournamentName	The name of the tournament	VARCHAR	45		
tournamentStartDate	The date in which the tournament starts	DATE		YYYY/MM/DD	
tournamentEndDate	The date in which the tournament ends	DATE		YYYY/MM/DD	
prizeMoney	The cash prize associated with tournament event	DECIMAL	(7,2)	9999999.99	