

Data Dictionary

Tuesday, March 18, 2025

5:46 PM

Table: Users

Column Name	Description	Data Type	Size	Format
userID	Unique number used to keep track of details of each user	INT	5	
userName	First and last name of the account owner	VARCHAR	45	
userEmail	Email listed on a user's account	VARCHAR	45	
userPassword	Password used to restrict access to only the user of the account	VARCHAR	45	
userCreation	Date the user created his/her account	VARCHAR	45	xx-xx-xxxx
userLastlogin	Date the user last logged into sportsbook	VARCHAR	45	xx-xx-xxxx
userState	State initials which the user resides in, to clarify that betting is legal in the user's state	VARCHAR	45	xx
balanceID	Unique set of numbers used to track details of the user's balance	INT	5	

[illegible]

Table: Balance

Column Name	Description	Data Type	Size	Format
acctID	Identifier used to keep up with the user's account balance	INT	5	
accountBalance	The amount of money a user is positive or negative from placing bets	VARCHAR	45	(+/-)xxxxx

Table: Bets

Column Name	Description	Data Type	Size	Format
betID	Identifier for each bet placed by a user	INT	5	
betType	Type of bet placed by user (straight, parlay, teaser, futures, etc.)	VARCHAR	45	
betAmount	Amount of money placed on selected bet	VARCHAR	45	(\$)xxxx
betStatus	Status of the user's bet (pending or canceled)	VARCHAR	45	
betDate	Date of which the bet was placed by user	VARCHAR	45	xx-xx-xxxx
betResults	Outcome of the user's bet, win or lose	VARCHAR	45	

	Key?
	PK

	Key?
	PK

betOdds	The line at the time the user took the bet	VARCHAR	45	(+/-)xxxx
betTimePlaced	Time at which the bet was placed to ensure it was before the event start time	VARCHAR	45	xx:xx
Users_userID	Unique number used to keep track of details of each user	INT	5	
timePlaced	Unique identifier for each sporting event	INT	5	xx:xx

Table: Payments

Column Name	Description	Data Type	Size	Format
paymentID	Unique number used to identify a specific payment	INT	5	
paymentDate	Date in which payment was made to user or bookie	VARCHAR	45	xx-xx-xxxx
paymentAmount	Amount of money paid to user or bookie	VARCHAR	45	
paymentStatus	State of payment made to user or bookie (pending,	VARCHAR	45	

	FK - Users
	FK – Sporting Events

	Key?
	PK

	completed, failed, refunded, etc.)			
paymentCredit	Type of payment where the user pays out the bookie	VARCHAR		
paymentDebit	Type of payment where bookie pays out the user	VARCHAR		
Balance_acctID	Identifier used to keep up with the user's account balance	INT	5	

Table: Player

Column Name	Description	Data Type	Size	Form
playerID	Unique identifier to reference a specific player	INT	5	
playerFname	First name of the player	VARCHAR	45	
playerLname	Last name of the player	VARCHAR	45	
playerPosition	Position played by the player	VARCHAR	45	
playerAge	Age of the player	VARCHAR	45	
playerWeight	Weight of the player	VARCHAR	45	
playerHeight	Height of the player	VARCHAR	45	
playerTeam	Team the player belongs to	VARCHAR	45	
Teams_teamID	Unique identifier for each team	INT	5	

	FK - Balance

What	Key?
	PK
	FK - Teams

Table: Promotions

Column Name	Description	Data Type	Size	Forma
promotionID	Special code used to identify each promotion	INT	5	
promotionName	Name of the promotion	VARCHAR	45	
promotionDescription	Description of the promotion	VARCHAR	45	
promtionValue	Amount of money gifted by the promotion	VARCHAR	45	
promotionType	Type of promotion given out (freeplay, reduced lines, etc...)	VARCHAR	45	
promotionStatus	Status of the promotion (ongoing, done, awating)	VARCHAR	45	
Events_eventID	Unique identifier for each sporting event	INT	5	

[illegible]

Table: Sports

Column Name	Description	Data Type	Size	Format
sportID	Special identifier used for each sport	INT	5	
sportName	Name of the sport	VARCHAR	45	
sportDescription	Description of the sport	VARCHAR	45	

Table: Sporting Events

Column Name	Description	Data Type	Size	Format
eventID	Unique identifier for each sporting event	INT	5	
eventName	Name of the sporting event	VARCHAR	45	
eventDate	Date of the sporting event	VARCHAR	45	xx-xx-xx
eventLocation	Location at which the sporting event takes place	VARCHAR	45	
eventTime	Time at which the sporting event takes place	VARCHAR	45	xx:xx
Sports_sportID	Special identifier used for each sport	INT	5	

at	Key?
	PK

t	Key?
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xxxx	
	FK - Sports

Table: Teams

Column Name	Description	Data Type	Size
teamID	Unique identifier for each team	INT	5
teamName	Name for the team	VARCHAR	45
teamLocation	Location of the team	VARCHAR	45
teamConference	Conference of the team	VARCHAR	45
teamRecord	Record of the team	VARCHAR	45
Sports_sportsID	Special identifier used for each sport	VARCHAR	45

Table: Transactions

Column Name	Description	Data Type
transactionID	Identifier used to track each individual	INT

Format	Key?
	PK
XX-XX-XX	
	FK - Sports

	Size	Format	Key?
	5		PK

	transcation	
transactionAmount	Amount of money within the transaction	VARCHAR
transactionStat	Status of the transaction (pending, complete, etc.)	VARCHAR
transactionDate	Date of the transaction	VARCHAR
transactionCredit	User loses money	VARCHAR
transactionDebit	User earns money	VARCHAR
Bets_betID	Identifier for each bet placed by a user	INT
Balance_acctID	Identifier used to keep up with the user's account balance	INT

Table: Users_Has_Promotions

Column Name	Description	Data Type	Size	Forma
Users_userID	Unique number used to keep track of details of each	INT	5	

	45		
	45		
	45	xx-xx-xxxx	
	45		
	45		
	5		FK - Bets
	5		FK - Balance

at	Key?
	FK - Users

	user			
Promotions_promotionID	Special code used to identify each promotion	INT	5	

	FK - Promotions