User

PK	userId
	password
	fav_player

User is for our website because we want a user to select their favorite player and be able to log in.
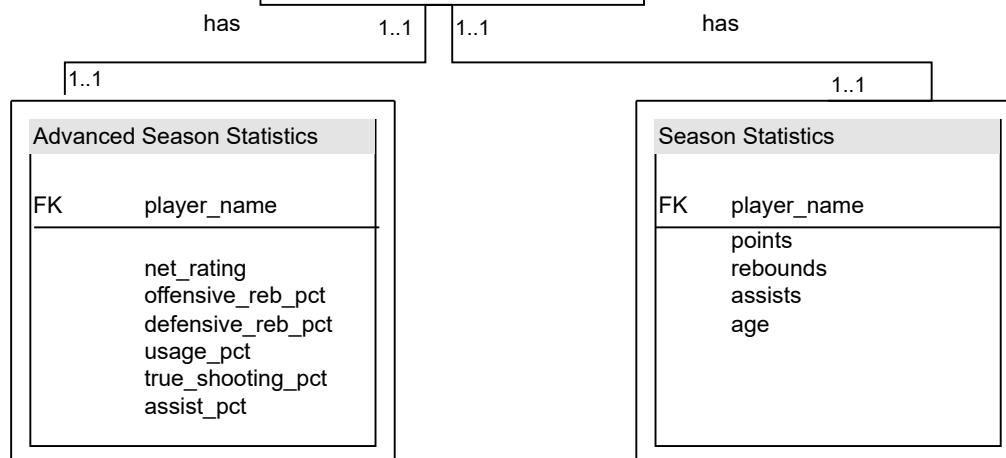
1..1   1..1

Player

PK	player_Name
	height
	avg_weight
	draft_number
	draft_year
	draft_round
	country
	college

Player stores unique NBA Players and their average height, weight, and all other fields that don't change

Assumption, no two players have the same full name

0..*

plays/has

1

Season

FK	player_name
	games_played
	team
	age
	season

Season is the season year which connects to all the players each and tells us the number of games played, team, age of the player during a given season

has   1..1   1..1   has

1..1   1..1

Advanced Season Statistics

FK	player_name
	net_rating
	offensive_reb_pct
	defensive_reb_pct
	usage_pct
	true_shooting_pct
	assist_pct

The Advanced Season Statistics for a player that are advance such as a players net rating for a given season and all of the percentages that a player has for a given season

Season Statistics

FK	player_name
	points
	rebounds
	assists
	age

These are the season statistics for each player that are not advanced such as the number of points, rebounds, assists, and age a player has during each season that they play

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Relational Schema

User(user_id: VARCHAR(225) [PK], password: VARCHAR(225))

Player(player_Name:VARCHAR(225) [PK], avg_weight: FLOAT, height: FLOAT, draft_number: INTEGER, draft_year: INTEGER, draft_round: INTEGER, country: VARCHAR(225), college: VARCHAR(225)

Season(season_year: VARCHAR(255) [PK], player_name:VARCHAR(225) [FK to Player.player_name], games_played:INTEGER, age: REAL)

Advanced Season Statistics(season_year[FK To Season.season_year], net_rating: REAL, offensive_reb_pct: REAL, defensive_reb_pct: REAL, usage_pct: REAL, true_shooting_pct: REAL, assist_pct: REAL)

Season Statistics(season_year[FK To Season.season_year], points: INT, rebounds: INT, assists: INT)