TennisCentral Documentation

Link to schema: https://app.quickdatabasediagrams.com/#/d/IYfo5o
Modify this code to update the DB schema diagram.
To reset the sample schema, replace everything with
two dots ('..' - without quotes).

Players

Field	Description	Type	Default	Other
id		int		PK
join_date		DATE		
username		VARCHAR(15)		UNIQUE
password		VARCHAR(15)		
email		VARCHAR(25)		
first_name		VARCHAR(20)		
last_name		VARCHAR(25)		
address	address json {"address: {"street": string, "city": string, "state": varchar(2), "zip": string}	JSON		
thumbnail_pic	Thumbnail to be displayed on profile	BYTEA		
gender	gender ENUM types (male, female, non-binary)	ENUM		
ntrp_rating		NUMERIC(2,1)		
availability	JSON	JSON		
match_type	match_type ENUM types (Singles, Doubles, Mixed)	ENUM		
opponent_gender	opponent_gender ENUM types (Male, Female, Either)	ENUM		
max_travel_distance:	Maximum distance Player is willing to travel to play	INT		
match_search_frequency	Search frequency specifies how often the recurring search will be run (daily, weekly, monthly)	ENUM		
partner_search_frequency		ENUM		
notes	Any notes that Player wants e.g.. "Looking for practice partner that likes to do drills"	text		

Messages

Keep track of messages from one player to another

Field	Description	Type	Default	Other
id		int		PK
from_player		int		FK

Field	Description	Type	Default	Other
to_player		int		FK
msg	{"msg_date": date, "msg_time": time, "msg_from" : string, "msg_to": string "msg_header" : string, "msg_content": text}	JSON		
msg_read		boolean		

Partners

Allows a player to note

Field	Description	Type	Default	Other
id		int		PK
player_id		int		FK
partner_id		int		FK
partner_type	Optional enum (Current, Prospective, NonMatch)	enum		
partner_contact	{"contact: {"email": email, "tel_num": string}}	json		
partner_notes				

TennisFacilities

List of all tennis facilities and key attributes

Field	Description	Type	Default	Other
id		int		PK
address		string		
tel_num		string		
num_courts		int		
fee_based		boolean		
public		boolean		
restrooms		boolean		
lights		boolean		
reservations_rqd		boolean		
notes		text		

Matches

Allows a player track matches played with a specific partner/opponent

Field	Description	Type	Default	Other
id		int		PK
match_date:		DATE		
player_id		int		FK

Field	Description	Type	Default	Other
partner_id		int		FK
match_results:		text		
match_notes:		text		