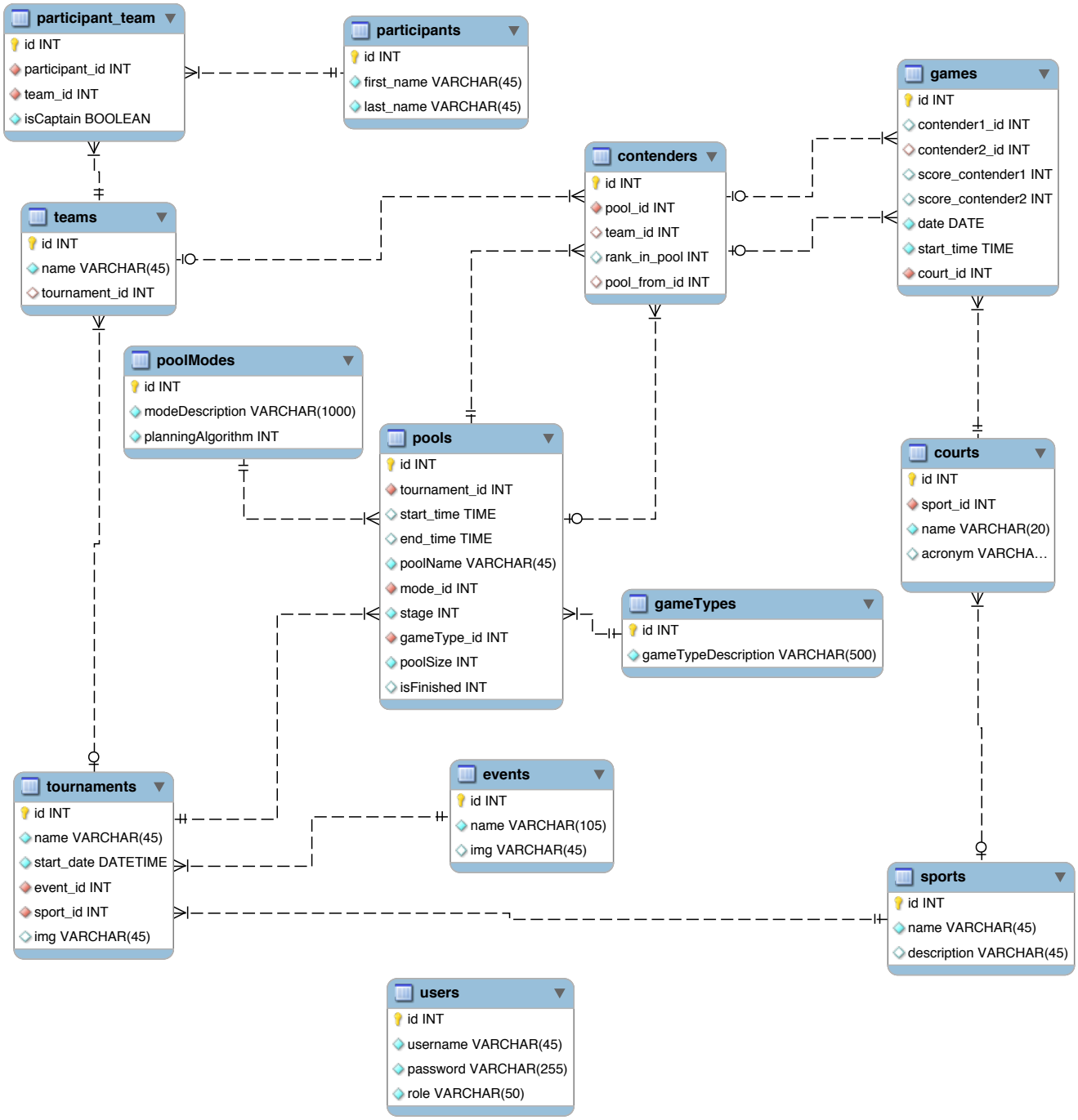
participant_team
id INT
participant_id INT
team_id INT
isCaptain BOOLEAN
participants
id INT
first_name VARCHAR(45)
last_name VARCHAR(45)
games
id INT
contender1_id INT
contender2_id INT
score_contender1 INT
score_contender2 INT
date DATE
start_time TIME
court_id INT
contenders
id INT
pool_id INT
team_id INT
rank_in_pool INT
pool_from_id INT
teams
id INT
name VARCHAR(45)
tournament_id INT
poolModes
id INT
modeDescription VARCHAR(1000)
planningAlgorithm INT
pools
id INT
tournament_id INT
start_time TIME
end_time TIME
poolName VARCHAR(45)
mode_id INT
stage INT
gameType_id INT
poolSize INT
isFinished INT
courts
id INT
sport_id INT
name VARCHAR(20)
acronym VARCHA...
gameTypes
id INT
gameTypeDescription VARCHAR(500)
tournaments
id INT
name VARCHAR(45)
start_date DATETIME
event_id INT
sport_id INT
img VARCHAR(45)
events
id INT
name VARCHAR(105)
img VARCHAR(45)
sports
id INT
name VARCHAR(45)
description VARCHAR(45)
users
id INT
username VARCHAR(45)
password VARCHAR(255)
role VARCHAR(50)

Schema documentation

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Table: `participants`

Description:

Columns:

Column	Data type	Attributes	Default	Description
`id`	INT	PRIMARY, Auto increments, Not null		Same as intranet user id, this explains why it isn't AI.
`first_name`	VARCHAR(45)	Not null		Participant first name
`last_name`	VARCHAR(45)	Not null		Participant last name

Indices:

Name	Columns	Type	Description
PRIMARY	`id`	PRIMARY	

Table: `tournaments`

Description:

Columns:

Column	Data type	Attributes	Default	Description
`id`	INT	PRIMARY, Auto increments, Not null		
`name`	VARCHAR(45)	Not null		Name of the tournament
`start_date`	DATETIME	Not null		Date at which the tournament starts
`event_id`	INT	Not null		**foreign key** to column `id` on table `events`.
`sport_id`	INT	Not null		**foreign key** to column `id` on table `sports`.
`img`	VARCHAR(45)			

Indices:

Name	Columns	Type	Description
PRIMARY	`id`	PRIMARY	
fk_tournaments_events1_idx	`event_id`	INDEX	
fk_tournaments_sports1_idx	`sport_id`	INDEX	

Table: `sports`

Description:

Columns:

Column	Data type	Attributes	Default	Description
`id`	INT	PRIMARY, Auto increments, Not null		
`name`	VARCHAR(45)	Not null		Name of the sport
`description`	VARCHAR(45)			

Indices:

Name	Columns	Type	Description
PRIMARY	`id`	PRIMARY	

Table: `courts`

Description:

Columns:

Column	Data type	Attributes	Default	Description
`id`	INT	PRIMARY, Auto increments, Not null		
`sport_id`	INT	Not null		**foreign key** to column `id` on table `sports`.
`name`	VARCHAR(20)	Not null		Name of the court (e.g. : Court A)
`acronym`	VARCHAR(10)			This acronym is displayed on the TV when we display all the next matches

Indices:

Name	Columns	Type	Description
PRIMARY	`id`	PRIMARY	
fk_terrains_sports1_idx	`sport_id`	INDEX	

Table: `teams`

Description:

Columns:

Column	Data type	Attributes	Default	Description
`id`	INT	PRIMARY, Auto increments, Not null		
`name`	VARCHAR(45)	Not null		Team name
`tournament_id`	INT			**foreign key** to column `id` on table `tournaments`.

Indices:

Name	Columns	Type	Description
PRIMARY	`id`	PRIMARY	
team_tournament_idx	`tournament_id`	INDEX	

Table: `participant_team`

Description:

Columns:

Column	Data type	Attributes	Default	Description
`id`	INT	PRIMARY, Auto increments, Not null		
`participant_id`	INT	Not null		**foreign key** to column `id` on table `participants`.
`team_id`	INT	Not null		**foreign key** to column `id` on table `teams`.
`isCaptain`		Not null	`0`	

Indices:

Name	Columns	Type	Description
fk_participants_has_equipes_equipes1_idx	`team_id`	INDEX	
fk_participants_has_equipes_participants_idx	`participant_id`	INDEX	
PRIMARY	`id`	PRIMARY	
nodouble	`participant_id`, `team_id`	INDEX	

Table: `games`

Description:

Intermediate table between teams and pools. This allows to set the information about the different games of a tournament.

Columns:

Column	Data type	Attributes	Default	Description
`id`	INT	PRIMARY, Auto increments, Not null		
`contender1_id`	INT			
`contender2_id`	INT			**foreign key** to column `id` on table `contenders`.
`score_contender1`	INT			Score that the first team did
`score_contender2`	INT			Score that the second team did
`date`	DATE	Not null		Date at which the game will be played
`start_time`	TIME	Not null		Time at which the game starts
`court_id`	INT	Not null		**foreign key** to column `id` on table `courts`.

Indices:

Name	Columns	Type	Description
PRIMARY	`id`	PRIMARY	
fk_games_courts1_idx	`court_id`	INDEX	
fk_contender1_idx	`contender2_id`	INDEX	

Table: `events`

Description:

Columns:

Column	Data type	Attributes	Default	Description
`id`	INT	PRIMARY, Auto increments, Not null		
`name`	VARCHAR(105)	Not null		
`img`	VARCHAR(45)			

Indices:

Name	Columns	Type	Description
PRIMARY	`id`	PRIMARY	

Table: `pools`

Description:

Columns:

Column	Data type	Attributes	Default	Description
`id`	INT	PRIMARY, Auto increments, Not null		
`tournament_id`	INT	Not null		**foreign key** to column `id` on table `tournaments`.
`start_time`	TIME			
`end_time`	TIME			
`poolName`	VARCHAR(45)	Not null		

				Pool name for display (e.g. : « Poule A », or « Poule de classement »)
`mode_id`	INT	Not null		**foreign key** to column `id` on table `poolModes`.
`stage`	INT	Not null	`1`	Indicates when the pools takes place in the tournament. All pools of one stage must be completed before a pool of the next stage can start.
`gameType_id`	INT	Not null		**foreign key** to column `id` on table `gameTypes`.
`poolSize`	INT	Not null		Number of teams in the pool
`isFinished`	INT			Defined if a pool is finished or not. When we set isFinished to 1, we can not edit the scores etc...

Indices:

Name	Columns	Type	Description
PRIMARY	`id`	PRIMARY	
fk_poules_tournois1_idx	`tournament_id`	INDEX	
fkgametype_idx	`gameType_id`	INDEX	
fkmode_idx	`mode_id`	INDEX	

Table: `contenders`

Description:

Columns:

Column	Data type	Attributes	Default	Description
`id`	INT	PRIMARY, Auto increments, Not null		
`pool_id`	INT	Not null		**foreign key** to column `id` on table `pools`.
`team_id`	INT			A designated team. It can be NULL because the participant in the pool may be unknown initially: it can be the Nth team in the ranking of a previous pool. **foreign key** to column `id` on table `teams`.
`rank_in_pool`	INT			If fk_from_pool is defined, this field says which rank must be taken.
`pool_from_id`	INT			

				If the participant comes from a pool, this field says from which. It can be NULL because it can be an explicit team. **foreign key** to column `id` on table `pools`.

Indices:

Name	Columns	Type	Description
PRIMARY	`id`	PRIMARY	
fk_pools_idx	`pool_id`	INDEX	
fk_pools_has_explicit_teams_idx	`team_id`	INDEX	
fk_pools_has_implicit_teams_idx	`pool_from_id`	INDEX	

Table: `gameTypes`

Description:

This table contains the descriptions of how the games are played: number of sets, points per set, on the clock, whatever... Description is free, but it must be linked to a sport.

Columns:

Column	Data type	Attributes	Default	Description
`id`	INT	PRIMARY, Auto increments, Not null		
`gameTypeDescription`	VARCHAR(500)	Not null		The specific type of the game

Indices:

Name	Columns	Type	Description
PRIMARY	`id`	PRIMARY	

Table: `poolModes`

Description:

Indicates how the pool is run: SingleGames -> each contender plays against all other contenders once ReturnGames -> each contender plays against all other contenders twice Elimination -> each contender plays against one other contender only

Columns:

Column	Data type	Attributes	Default	Description

`id`	INT	PRIMARY, Auto increments, Not null		
`modeDescription`	VARCHAR(1000)	Not null		
`planningAlgorithm`	INT	Not null		Allows the application to differentiate the way to schedule games without relying on the textual description

Indices:

Name	Columns	Type	Description
PRIMARY	`id`	PRIMARY	

Table: `users`

Description:

Columns:

Column	Data type	Attributes	Default	Description
`id`	INT	PRIMARY, Auto increments, Not null		
`username`	VARCHAR(45)	Not null		
`password`	VARCHAR(255)	Not null		
`role`	VARCHAR(50)	Not null		Role of the user, in the moment only "administrator" => All acces or "writter" => can only modify the score

Indices:

Name	Columns	Type	Description
PRIMARY	`id`	PRIMARY	