

Database model documentation

Table of contents

1. Model details	3
2. Tables	4
1.1. Table Matches	4
1.2. Table Teams	4
1.3. Table Referees	4
1.4. Table Coaches	4
1.5. Table Stadiums	5
1.6. Table Goals	5
1.7. Table Players	5
1.8. Table Matches_Referees	5
1.9. Table Teams_Matches	5
3. References	7
2.1. Reference Matches_Referees_Matches	7
2.2. Reference Matches_Referees_Referees	7
2.3. Reference Teams_Matches_Teams	7
2.4. Reference Teams_Matches_Matches	7
2.5. Reference Players_Teams	7
2.6. Reference Matches_Stadiums	7
2.7. Reference Goals_Players	7
2.8. Reference Teams_Coaches	7

1. Model details

Model name:

Football matches Schema V.3

Version:

2.4

Database engine:

Oracle Database

Description:

2. Tables

2.1. Table Matches

2.1.1. Columns

Column name	Type	Properties	Description
match_id	varchar2 (20)	PK	
match_time	timestamp		
stadium_id	varchar2 (20)		

2.2. Table Teams

2.2.1. Columns

Column name	Type	Properties	Description
team_id	varchar2 (20)	PK	
team_name	varchar2 (20)		
coach_id	varchar2 (20)	null	

2.3. Table Referees

2.3.1. Columns

Column name	Type	Properties	Description
referee_id	varchar2 (20)	PK	
referee_name	varchar2 (20)		
referee_nationality	varchar2 (20)		
birth_date	date	null	

2.4. Table Coaches

2.4.1. Columns

Column name	Type	Properties	Description
coach_id	varchar2 (20)	PK	
coach_name	varchar2 (20)		
birth_date	date	null	

2.5. Table Stadiums

2.5.1. Columns

Column name	Type	Properties	Description
stadium_id	varchar2 (20)	PK	
stadium_location	varchar2 (20)		
stadium_name	varchar2 (20)		
stadium_capacity	integer	null	

2.6. Table Goals

2.6.1. Columns

Column name	Type	Properties	Description
goal_id	varchar2 (20)	PK	
goal_minute	integer		
player_id	varchar2 (20)		

2.7. Table Players

2.7.1. Columns

Column name	Type	Properties	Description
player_id	varchar2 (20)	PK	
player_name	varchar2 (20)		
player_position	varchar2 (20)	null	
birth_date	date		
team_id	varchar2 (20)	null	

2.8. Table Matches_Referees

2.8.1. Columns

Column name	Type	Properties	Description
match_id	varchar2 (20)	PK	
referee_id	varchar2 (20)	PK	

2.9. Table Teams_Matches

2.9.1. Columns

Column name	Type	Properties	Description
team_id	varchar2 (20)	PK	
match_id	varchar2 (20)	PK	
final_score	integer		

3. References

3.1. Reference Matches_Referees_Matches

Matches	1..*	Matches_Referees
match_id	<->	match_id

3.2. Reference Matches_Referees_Referees

Referees	0..*	Matches_Referees
referee_id	<->	referee_id

3.3. Reference Teams_Matches_Teams

Teams	0..*	Teams_Matches
team_id	<->	team_id

3.4. Reference Teams_Matches_Matches

Matches	1..*	Teams_Matches
match_id	<->	match_id

3.5. Reference Players_Teams

Teams	0..*	Players
team_id	<->	team_id

3.6. Reference Matches_Stadiums

Stadiums	0..*	Matches
stadium_id	<->	stadium_id

3.7. Reference Goals_Players

Players	0..*	Goals
player_id	<->	player_id

3.8. Reference Teams_Coaches

Coaches	0..1	Teams
coach_id	<->	coach_id