Relational Data Model for the First Test (SQL SELECT) 2022/23

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1 Relational model
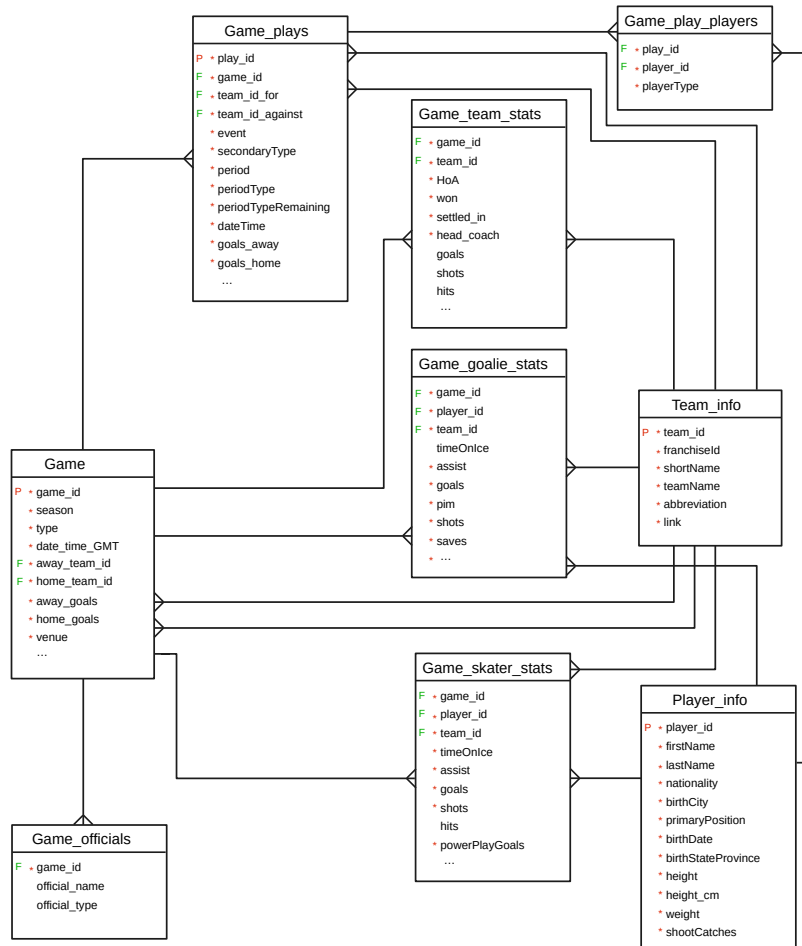
Relations in the database:

Underlined attributes are primary keys and italic attributes are foreign keys.

There are three core tables:

- `Team_info` - Information about teams. One row represents one team.

- `Player_info` - Information about players. One row represents one player.

- `Game_info` - Information about games. One row represents one game played between two teams on a certain date and at a certain location.

The following diagram shows a graphic representation of the data model. We use a notation where P equals to primary key, F equals to foreign key and star means that the attribute can not be NULL.

One row of table game_skater_stats contains statistics of one player (skater) in one game.

One row of table game_goalie_stats contains statistics of one player (goal keeper) in one game.

One row of table game_team_stats contains statistics of one team in one game.

One row of table game_plays represent an event during a game.