

Rock 'em Sock 'em National Arena Hockey League (RSNAHL)

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Purpose

- Track player stats (goals, assists, TOI, plus/minus, hits, shots, fights, etc.)
- Track team record, rosters, schedule
- Identify which teams that players, coaches, and managers work
- Provide game statistics

Relevance

- Leagues contain multiple attributes and relations between current and former employees, teams, and games that all need to be stored in a database.

Challenges

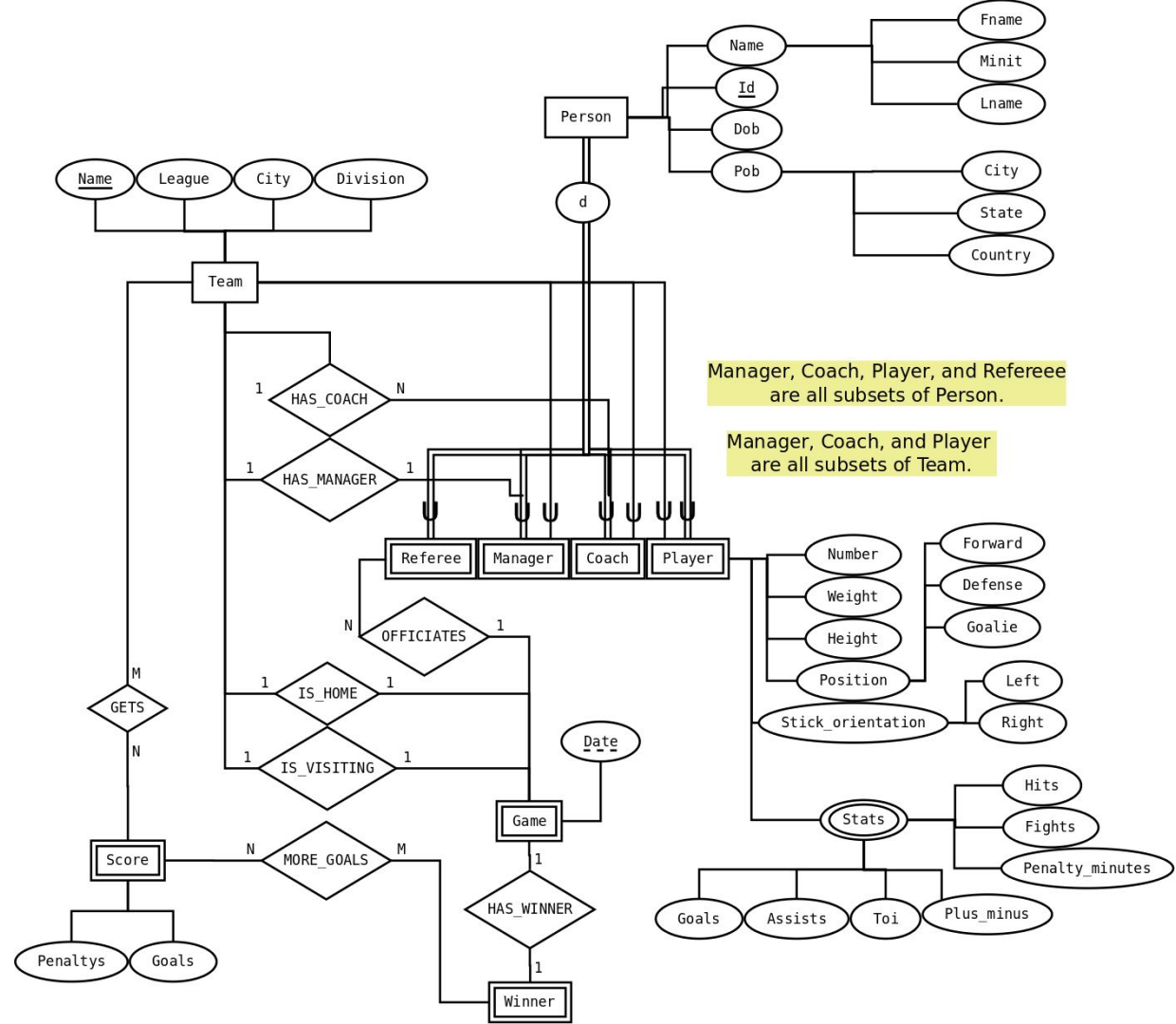
- Keeping track of trades, change in management, players on different statuses (IR, scratched, etc.)
- Synchronizing web page to update once changes to the database are made.
- Learning Django and XQuery.

Design Methodology

Front end: Django (website that visually represents that database)

Back end: XQuery/XPath (database)

ER Diagram



Next Steps

- Create the database.
- Test insertions and removal of employees.
- Synchronize database with web page that updates when changes are made.