

CIT 241: Database Management Term Project Proposal

Description

Create a relational database for a publicly available dataset.

This project will be done in groups. Each team member will be asked to assess how well the team worked together and who contributed the most (and the least) to the team. This can affect your grade.

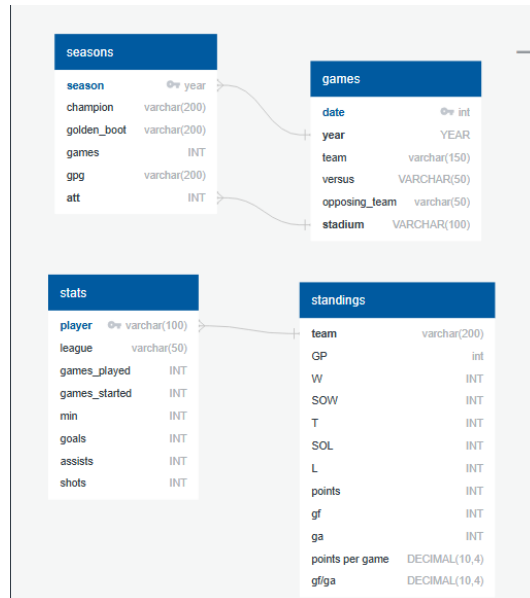
The Project Proposal will be worth 20% of your grade for the project.

Project Proposal

Proposal: Work with your team to choose a dataset and create a draft version of an ER Model.

Your submission should include:

- Link to dataset and a quick description of the dataset and why you chose to work with it.
 - Our dataset covers Major League Soccer stats such as goals, assists, champions, stadium attendance, etc. We chose this because we all like soccer and think it would be an easy dataset to make a DB for.
 - <http://soccerstats.us/c/major-league-soccer/>
- ER Model draft – a screenshot of an ER Model with 3-8 entities and their relationships.



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- GitHub repo – a GitHub repo (public or created using the link above). This can be empty.
 - <https://github.com/Matthewwood2120/team-project>

Submission: Your submission should be a PDF or DOCX file submitted on classes. Only one member of your team needs to submit the Proposal.

seasons

season PK year FK >- games.year
champion varchar(200)
golden_boot varchar(200)
games INT
gpg varchar(200)
att INT FK >- games.stadium

standings

team varchar(200)
GP int
W INT
SOW INT
T INT
SOL INT
L INT
points INT
gf INT
ga INT
"points per game" DECIMAL(10,4)
"gf/ga" DECIMAL(10,4)

stats

player PK varchar(100) FK >- standings.team
league varchar(50)
games_played INT
games_started INT
min INT
goals INT
assists INT
shots INT

games

date PK int
year YEAR
team varchar(150)
versus VARCHAR(50)
opposing_team varchar(50)
stadium VARCHAR(100)