

Entity Framework Core

In this assignment you have a couple of options to choose from when deciding which system you want to implement.

General requirements for all three options

- The application you create should be either a .NET Core Console or .NET Core ASP.Net application.
 - The solution should include sample data, enough so that a user (the reviewer) can see how the data is constrained and related.
 - The user (review) should be able to navigate data in some way, e.g.
 - Simple web pages, that shows raw JSon data
 - Println in console application
- See Views, for specification on what data the user should be able to browse.
- Both should be solved using MS SQL Server - When reviewing the connection string should be changed to your local MS SQL Server instance for test.

Choose from the options **a** or **b**. Note that both options are drafts and can be modified to suit your implementation.

a)

System to save online help requests.

Views available:

Given (teacher, course) print list of all open help request with information where the students can be contacted

Given (student) print list of all students open help requests

Print statistic of all help request per course, so how many requests have been made, how many are open etc.

Creations:

Create new Course

Create new Student

Create new Teacher

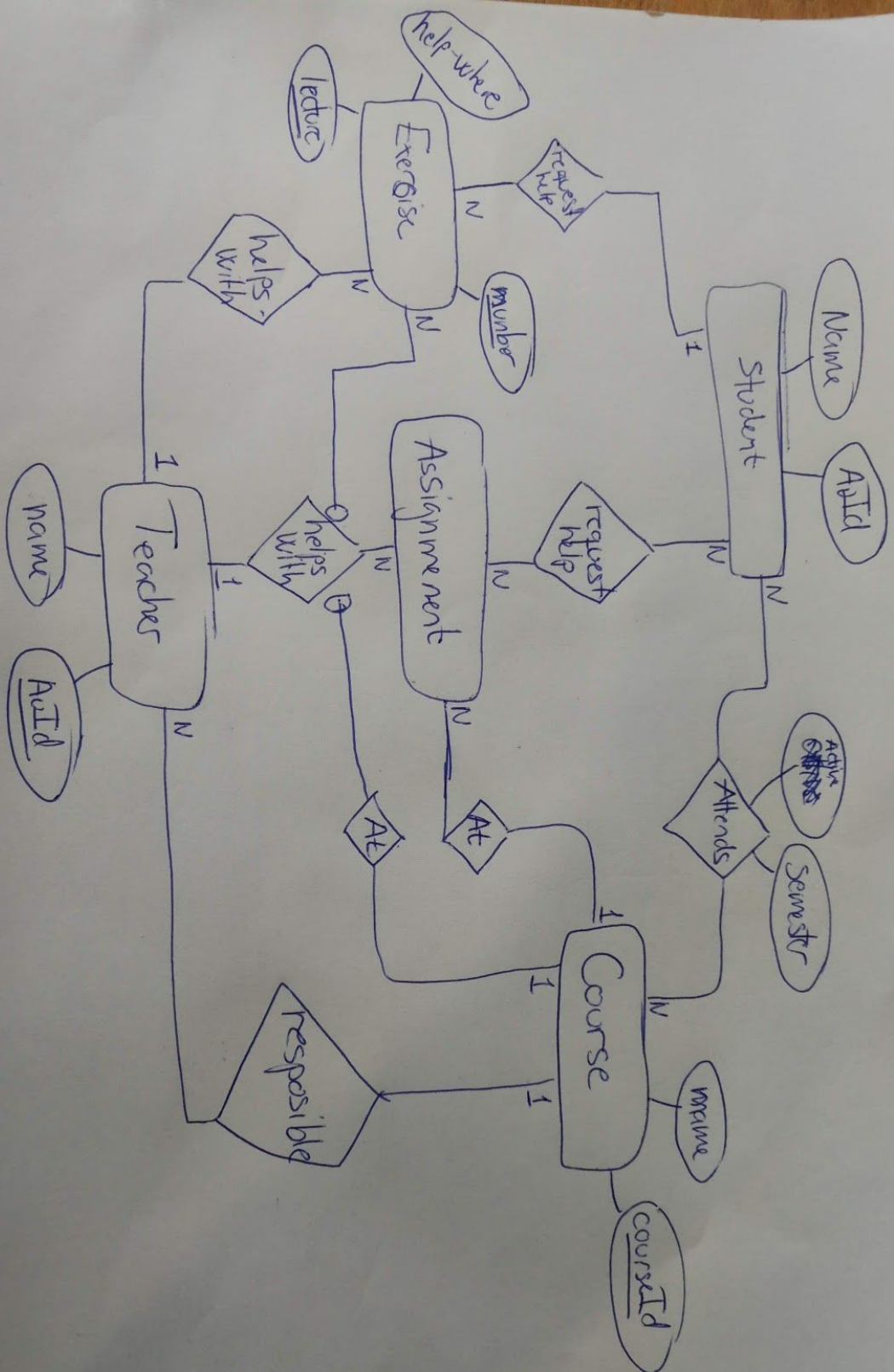
Create new Assignment

Create new Exercise

Create new Review

Create new Assignment

Create new Help Request



b¹⁾

Whist points calculator (Game whist <https://en.wikipedia.org/wiki/Whist>)

Views available:

List games with number of players

(game id) -> List played rounds with bid, result and points for each player

List points accumulated over time for players

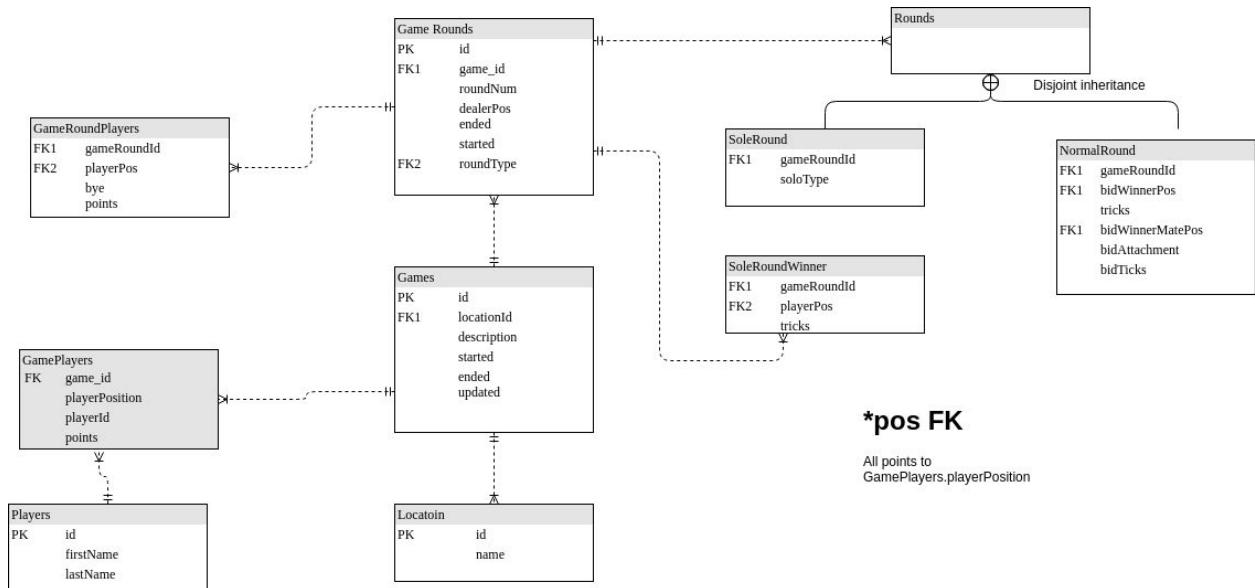
Creation:

Create player

Create game

Create round

Attach result



Starting point for whist table.

¹ **Hard** - lots of joins and **require** knowledge of the Whist game.