jamk

Database Course-exercise

Swimming Competition Database

Jesse Kouhia, AC7230 / gr277684

Atte Lindholm, AB4139 / gr277685

jamk | Jyväskylän ammattikorkeakoulu
University of Applied Sciences

Sisältö

Kuviot

1   Idea

Our idea for the Course-Exercise was to make a database for swimming competitions showing the details for different competitions and their swimmers, Atte is a swimmer, so we had knowledge in what needed to be present in the database tables for a reasonable database. It is a local database with a localhosted UI with the help of xampp

2   Progress

2.1   General

The Course-Exercise progressed smoothly with a few minor problems that were fixed quickly (mainly small hiccup in data inserts)
Atte made a simple UI for viewing our database data in html/php and had the main idea for the databases design while Jesse did most of the query and actual usage of the sql workbench for the most part, but it was all still a joint project made together.

2.2   Problems

We had some simple hiccups in adding data, mainly we just added all our swimmers into a single competition instead of spreading them out across all of them making the database not that useful when we started looking at the data with our UI, but that was fixed quickly after we realized it.

Also had some problems with one of the queries for showcasing the specific data in the Html Table which took a while to figure out and fix mainly because of our lacking html experience.

3 Grading

We have a decent database that can fit Swimmers their clubs and the competitions with a clear model and a bunch of data with a basic UI as well so we believe we could get a 4 as a grade from this although we have no experience in grading.

4 Appendices

4.1 General

We made a database to see the details for specific swimming competitions and their participants and what races they participating in and their basic personal details, combined with the UI the plan is to be able to choose a competition and see all the participants and what they races they participating in.

5 Tables

seura(id(INT),

nimi(VARCHAR),

toimipiste(VARCHAR),

email(VARCHAR),

puhelinnumero(VARCHAR))

- club information

uimari(id(INT),

etunimi(VARCHAR),

syntymäaika(DATA),

seuraId(INT),

sukunimi(VARCHAR))

- swimmer information

laji(id(INT),

nimi(VARCHAR),

matka(VARCHAR))

- race information

kilpailu(id(INT),

osoite(VARCHAR),

järjestäjä(VARCHAR),

allas(VARCHAR),

päivämäärä(VARCHAR))

- competition info

kilpailunlaji(id(INT),

lajiId(INT),

kilapiluId(INT))

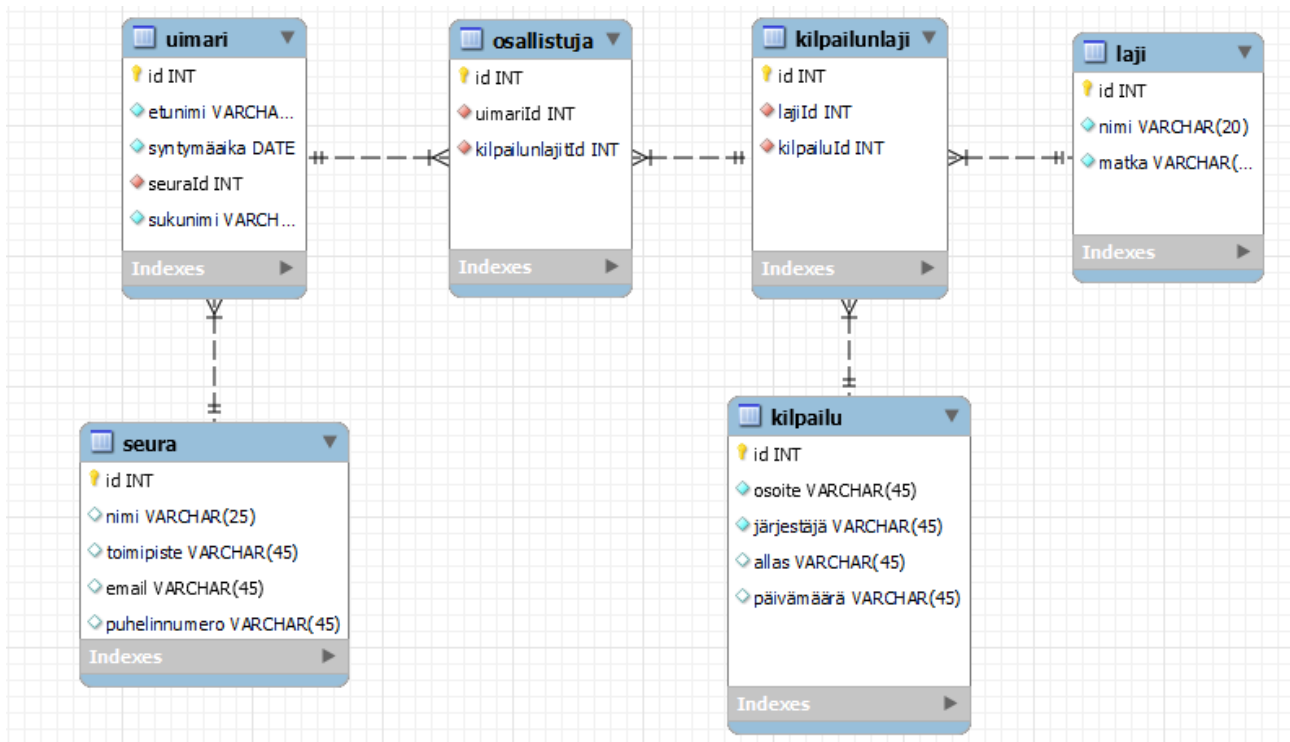- combiner table linking laji and kilpailu tables together

osallistuja(id(INT),

uimariId(INT),

kilpailunlaji(INT))

- final table connecting the swimmer to the combination of race and competition

Model

User Interface