

Yevheniia Matsevko

Link for the repo on github:

<https://github.com/ZheniaMatsevko/EventCalendar>

Event Calendar

Requirements

1. Coding Exercise

Goal is to implement a calendar for sport events. Events may be added to the calendar and it should be possible to categorize the events based on sports.

Examples:

- Sat., 18.07.2019, 18:30, Football, Salzburg – Sturm
- Sun., 23.10.2019, 09:45, Ice Hockey, KAC – Capitals

2. Task 1 – Modelling

Start with identifying the database entities and then create a suitable database diagram (ERD). The ERD should cover all tables and their relations. Furthermore, the database should contain additional information, which may be valuable for the sport calendar.

3. Task 2 – DB Structure/Data

Create a database following the structure of your ERD. Add all necessary fields to the tables. Foreign keys should be named with a ‘_’ as prefix (Example: _FOREIGNKEY).

4. Task 3 – Implementation

Create a HTML frontend to display the data in a user-friendly way. Navigation should be indicated but no functionality is needed.

Then go on with the dynamic display of data – avoid SQL queries within loops!

Required parts:

- Database connection
- SQL query
- Data output

Used Technologies:

- Spring Boot, Java
- MySQL
- Maven
- Git, github

Main functions of the project

1. Add new sport events into the calendar
2. Change info about existing sport events
3. Delete existing sport events
4. Categorize events based on sport
5. Save data in the database/ Show data from the database

ERD

