Homework 4

PHP, Date functions, MySQL
Deadline: 13.03.2024 23:59
!NB For missing the deadline, 2 points will be deducted from the overall rating

Description

You need to create web-based **Calendar** using **PHP** and **MySQL** database. Display only **Month view** of calendar as shown in Figure 1. Create navigation that allows user to **switch through months** and **Years**. In calendar highlight font color for **Saturdays (grey)**, **Sundays (red)** and **Holydays (dark red)**. In each week beginning output **current week count in a year**. Also Highlight **current day** and **selected day** differently. In each day's cell show **Date**, **name**, **holidays and days of remembrance** as shown in Figure 2. Names must be stored into table **'names'.** Holydays must be stored into table **'holydays'**. You can use additional tables if it is necessary. Add ability to **add & edit** any day to let users add additional holidays and make sure that after adding holydays current day cell highlights as well. Developing this homework please keep in mind given best practice examples. **Database connection credentials** and **other configurable values** must be stored in **config.php**. After finishing homework development, database needs to be exported and saved in **name_username.sql**.

Figure 1 *Calendar month view*

Figure 2 *One day cell view*

Database

Database must meet following requirements:

- Database name must be **name_surname**;
- Collation must be set to **utf8mb4_unicode_520_ci**;

!NB Please do not use external file requests, all necessary files must be included in package.

Package details

Package must be archived into zip file **name_surname_homework_4.zip**

Package must be submitted on Moodle in **Lecture 5 Homework 4** section till end of given deadline.

Package content structure minimal requirements

name_surname_homework_4.zip

📄 index.php
📄 config.php
📄 name_surname.sql
📁 frontend
      📁 fonts
      📁 img
      📁 css
      📁 js
📁 backend
      📄 calendar.php
      📄 …