LTW Project

Objective

Create a web application where users can create, share, and manage events.

To create this application, students should:

- Create a **sqlite** database where data about users and events is stored.
- Create documents using **HTML** and **CSS** that represent the web pages of the application.
- Use **PHP** to generate those web pages after retrieving/changing data from the database.
- Use **Javascript** or **jQuery** to enhance the user experience (for example using Ajax).

Work groups

This project will be completed by students in groups of three (except in cases where the number of students is not a multiple of three).

Students should contact their practical class teachers, either in class or by mail, to establish these work groups.

The list of groups will be published shortly.

Requirements

The **minimum** expected requirements are the following:

- Users should be able to **register** an account.
- Users should be able to **login**/**logout** from the system.
- Registered users should be able to **create** a event.
- Registered users should be able to **manage** (edit, delete, …) their events.
- Events should contain one **image**, a **date**, a **description** and a **type** (e.g. party, concert, conference, …).
- Users should be able to **search** for and **register** in events.
- Users should **not** be able to register **twice** in the same event.
- Event owners and users that registered to an event, should be able to add **comments** to the event.

- The following technologies should all be used: **HTML**, **CSS**, PHP, **Javascript** (by means of **jQuery**), **Ajax/JSON**, **PDO/SQL** (using **sqlite**).
- The web site should be as **secure** as possible.
- Code should be **organized** and **consistent**.

Some suggested **extra** requirements:

- Event owners should be able to decide if the event is **public** or **private**.
- Private events should **not** appear on searches. Users must be invited to **private** events.
- A **forum** (with threads and posts) for each event instead of a simple comment system.
- Ability to add **photos** to events. And maybe albuns.
- Possibility to **share** a event using email or a social network.

- And whatever you come up with…

Delivery

- **Date**: Until the **6th of December**.
- **Upload**: TBD
- **Presentation**: On the week of 7th to 11th of December.