

LTW Project

Objective

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

To create this application, students should:

- Create a **sqlite** database where data about users and polls 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 poll.
- Registered users should be able to **manage** their polls.
- Polls should contain one **image** and several possible **answers**.
- Users should be able to **list**, **search** and **answer** to polls.
- One user should **not** be able to answer **twice** to the same poll.
- Poll owners and users that already answered a poll, should be able to see the poll **results**.
- 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:

- Poll owners should be able to decide if the poll is **public** or **private**.
- Private polls should **not** appear in listings or searches. Only the poll URL should be needed to access it.
- Polls with **more** than one question.
- Poll results with **graphs** or **charts**.
- Possibility to **share** a poll using email or a social network.
- And whatever you come up with...

Delivery

- **Date:** Week from **1st to 5th of December** in the practical classes.
- **Upload:** TBD