WEB LANGUAGES AND TECHNOLOGIES

LTW :: 2017/18 PROJECT

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LTW PROJECT

Project description for the 2017 edition of the Web Languages and Technologies course.

OBJECTIVE

Create a web application where users can store and share **to-do lists**. To create this application, students should:

- Create a **sqlite** database where data about users and to-do lists 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** 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:

- All users should be able to:

    - **Register** a new account.

    - **Login** and **logout**.

    - **Edit** their **profile**.

    - **List** their to-do lists.

    - **Create** new to-do lists.

    - **Add items** to a to-do list.

    - **Mark** an item as **completed**.

    - **Delete** a to-do list.

Students should also make sure that:

- The following technologies are all used: **HTML**, **CSS**, PHP, **Javascript**, **Ajax**/**JSON**, **PDO/SQL** (using **sqlite**).

- The web site should be as **secure** as possible.

- Code should be **organized** and **consistent**.

◉ Frameworks are **not** allowed.

◉ Small helper libraries (e.g. displaying a gallery of pictures) might be allowed (talk with your practical class teacher).

Some suggested **extra** requirements:

◉ Add extra information to to-do lists (category, title, color, …).

◉ Add extra information to items (date due, dependency, color, …).

◉ Allow items to be assigned to other users. Show the list of items assigned to the current user.

◉ Allow the creation of projects. A project would have a set of users and to-do lists.

◉ Advanced search capabilities.

◉ Any other requirement you might think of…

E V A L U A T I O N

TBD

D E L I V E R Y

◉ **Date**: Until the **TBD**.

◉ **Upload**: **TBD**

◉ **Presentation**: On the week of 11th to 15th of December.