



Project Assignment (Part III)

Consider the database created in Part II. Populate your database with 3 patients and 3 doctors (minimum) through the MySQL command line interface.

Using PHP and HTML, develop a simple Web-based application to perform the following tasks:

1. A patient calls the healthcare center in order to schedule an appointment. The first task is to check if the patient already exists in the database. Create a set of Web pages to search for patients by name. On displayed results, include the possibility of jumping directly to either Task 2 or Task 3, depending on whether the patient is registered or not.
2. Create a set of Web pages to schedule an appointment of an existing patient with an existing doctor, on a certain date and office.
3. If the patient does not exist in the database, it is necessary to register it first. Create a set of Web pages where both operations (the registration of the new patient and the scheduling of the appointment) are performed in a single transaction. If the scheduling of the appointment fails, then the registration of the patient should be cancelled. The scheduling of the appointment will fail if the specified date falls on a weekend.

Submission Notes

The deadline for submission is Wednesday, November 30 2016 23:59 (Fénix time). You should submit it sometime before to prevent any hiccups.

The project report should be submitted to Fénix as a single PDF file. Please check that the file is readable with a standard program, such as Adobe Reader.

The document cover page should mention the names, student numbers, and group number of its authors.

The report should have four separate sections, one for each of the tasks described above. Please include the PHP/HTML code together with a screenshot of each Web page.