

Task 1.

Using the database created in the previous lab (Music Conservatorium), create an application that will allow students to login and enrol in/withdraw from their preferred classes.

The student should be able to enrol in a class.

The student should be able to see (in a table) the classes in which is enrolled.

The student should be able to withdraw from the class in which is already enrolled.

The student should be able to select any of the following queries and after entering its associated parameter, should be able to see the result:

- a) The ID and title of classes (for example, G1 - Guitar individual lesson) offered by a specific faculty (specific faculty means Instrumental or Ensamblés);
- b) The name of the students enrolled in a specific class (the student should enter/select either ID or name of the class);
- c) The name of the music staff (teachers) in a specific faculty (the student should enter/select the faculty);
- d) The number of students in each class;
- e) The number of teachers in each faculty;
- f) The studentID and name of students who have classes with a specific teacher (the student should enter/select the teacher);
- g) The number of students who have enrolled in the classes offered by each faculty (note that, for instance, if one student has enrolled in three classes, should be counted three times).

The student can enrol in many classes, make any number of withdrawals possible, and make any number of possible queries. But, the enrolment should be limited to one student in individual classes and 5 students per group class (the student cannot enrol in classes that are full).

At least three different PHP files (e.g. Enrolment.php, Withdraw.php, and Queries.php) should be allocated to the three tasks of enrolment, withdrawal, and query results, respectively.

Please note that after logging on and during all sessions, the student is not required to re-enter the username and password again.

Note: To add to the security of your code, never keep a table containing passwords! Instead, use a function (like md5) to encode passwords, and keep their encoded equivalence in your table.

You can use any tool for maintaining state information with PHP.