Database Management Systems Laboratory Experiments Phase 4

Subject : Develop your desktop database management module
Submission Date : 27.04.2017
Due Date : 25.05.2017 09:00
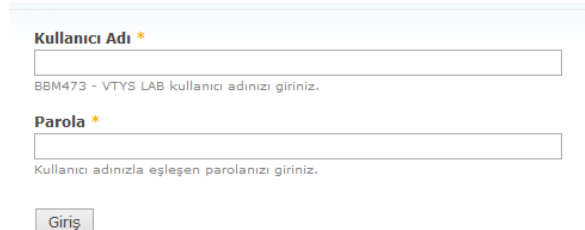**Advisor :** Res. Assist. (Alaettin UÇAN, Cemil ZALLUHOĞLU)

Introduction:

The aim of this phase is to create web application using your database.

Details:

Develop a web application using the database you created earlier. In this phase you will learn how to develop a web application using database. You can use only PHP.

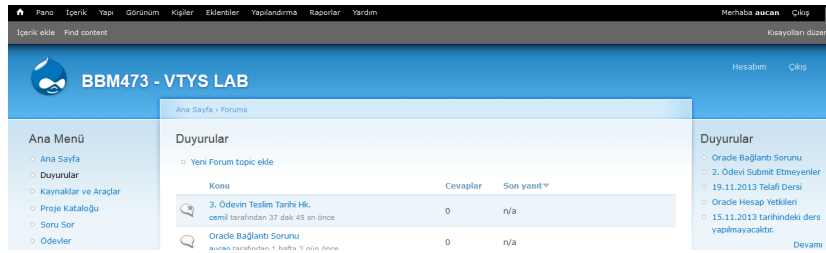In this phase you are expected to do the following steps.

- User login screen

- User login passwords must be stored database after encryption. You can use different methods like MD5, Sh1 etc.

- Authorization module. Different interface for each authorized user.

- Data entry and update screens for each table in your database. (Relation tables must be filled automatically by your application.)
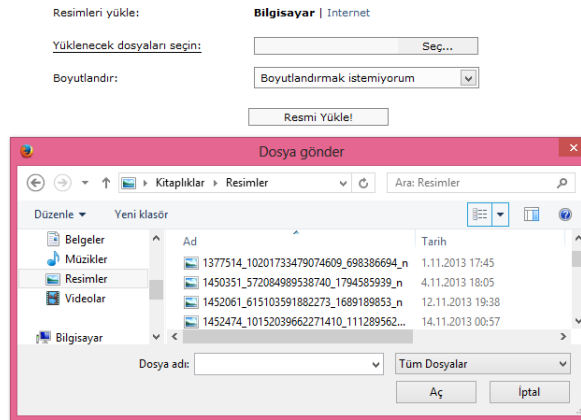

- Photo entry screen. You must store path of this photos in your database($/pictures/pic\_0001.jpg$)

- At least 3 listing screens. (Ex: Students who take this class)

- At least 3 reporting screens. (Reports are must be in HTML, TXT, PDF formats)

- At least 3 filtered page.

- Statistics screens(At least 10 statistical query results, you must use mathematical SQL functions. Ex: avg, count, first, last, max, min, sum etc.

- Processing History (you must create a dashboard panel to show us users action history in time order. Last 10 records must be kept.)

Submit Format:

$\rightarrow$ <student id.zip>
    $\rightarrow$ diagram/*.(pdf, jpg, png, and etc.)
    $\rightarrow$ sql/create.sql, view.sql
    $\rightarrow$ report/*.pdf
    $\rightarrow$ program/*.zip
    $\rightarrow$ src/*.zip

Notes

- Do not miss the deadline. Late submissions will not be accepted

- Save all your work until the assignment is graded.

- The assignment must be original, **group** work. **Duplicate or very similar assignments are both going to be considered as cheating.**

- You can ask your questions via e-mail (*aucan,cemil*[at]*cs.hacettepe.edu.tr*)

- Report language must be in **English**.

- You will submit your work from `https://submit.cs.hacettepe.edu.tr/index.php` with the file hierarchy as above.

- You will present your projects on **your dev web account**.

- You must submit **source codes** and **executable files**.

- Submit system will be opened **one student** in each project group. Student who is going to submit will be announced on website later.

- Presentation groups and schedules will be announced on the website.