

Web Technologies Lab

Lab 10**Marks 100****Instructions**

Work on this quiz/lab individually.

You are **NOT** allowed to use internet, mobile phone.

You are **NOT** allowed to borrow anything from your peer student.

What you have to do

Program the following tasks. The name of your files will be according to the task given in this lab.

Task**[100]**

Design a small web application that support the login of two different type of users i.e., **teacher** and **student**.

Step 1:

You need to create the signup pages for all the users with following attributes:

Student: email, name, semester, password, phone_no, user_type

Teacher: email, name, password, phone_no, user_type

Step 2:

Create a single sign-in page for all the users with **email** and **password**.

Step 3:

The main page of **student** must display his/her data including the list of courses in current semester.

The main page of **teacher** must display the list of courses, he/she is teaching in the current semester.

Database design:

authentication: (email(varchar), password(varchar), user_type(int))

profile: (email(varchar), name(varchar), dob(varchar), semester(int), phone_no(varchar))

course: (course_id(int), name(varchar), semester(int))

courseAssignment: (course_id(int), email(varchar))

Instructions:

- Courses and their registration must be saved manually in **course** and **courseAssignment** tables.
- You are allowed to make any necessary amendments in the columns of table (e.g., adding any auto-incremental key as primary key) however, the name of the table must be the same.
- You need to implement the relationship of primary key and foreign key in database.
- Any type of users cannot proceed without logging-in and each **user is only capable to view his/her own dashboard**. (Hint: use session handling). Save the **email** and **user_type** in session after successful logged-in, and perform the check on their respective dashboards.
- HTML forms should be validated using JavaScript/place-holders.
- **All users should be able to logout and after that they should not be able to view their homepage.**

☺ ☺ ☺ **BEST OF LUCK** ☺ ☺ ☺
