

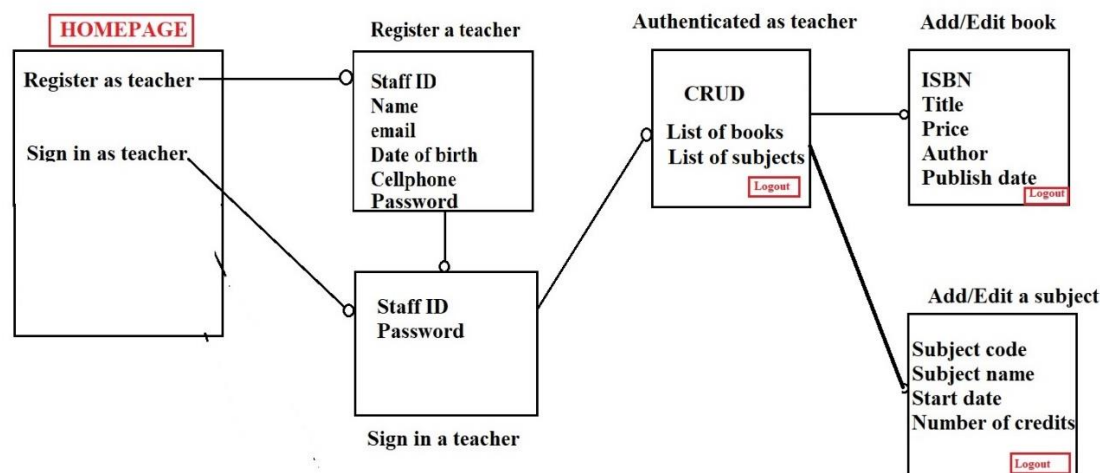
(420-WE6-AB) Web development I -- Fall 2022

Test #2 [Worth 20%]

Due: 22 September 2022 at noon on Lea

Question: TEACHER PORTAL

Design a PHP web application which offers to register and sign in as a teacher. A teacher can perform CRUD operations on Books and Subjects as shown in the figure below.



The web application should include 3 tables: Teacher, Books and Subjects with the appropriate fields as per the above picture. The logout button on appropriate pages should return to the homepage.

Teacher table (Staff ID, Name, email, date of birth, cellphone, password)

- The staff ID (exactly 4 digits) should be used as primary key (NOT auto generated)
- Date of birth should be a date type
- Cellphone (exactly 10 digits)
- Password (encrypted through .md5)

Books table (ISBN, Title, price, author name, date of publication)

- The ISBN (exactly 13 digits) should be used as PK (NOT auto generated)

- Price (up to 300 CAD)
- Date of publication should be a date type

Subjects table (Subject code, subject name, start date, number of credits)

- The subject code (exactly 6 chars) should be used as PK (NOT auto generated)
- Start date should be a date type
- number of credits should be positive integer between 0 to 4

IMPORTANT: Submission guidelines

1. The project name should be called after your surname followed by your student ID.
2. Submit a single zip of your project folder containing all necessary files as well as **6 screenshots** corresponding to the following running test scenarios:
 - a. picture of an authenticated teacher page (list of books and subjects, at least 2 occurrences for each with CRUD option)
 - b. picture of whole blank teacher registration page with all constraints displayed.
 - c. picture of whole blank book registration page with all constraints displayed.
 - d. picture of whole blank subject registration page with all constraints displayed.
 - e. picture of the successful creation of a book.
 - f. Picture of the successful creation of a subject.
3. **All screenshots must show a background with your project name or file name. The browser can be resized in the screenshot to make room for a background.**
4. Only the last submission will be evaluated.
5. **Failure to follow these guidelines will result in losing points**
6. **Plagiarism and cheating will be strongly penalized as per college policies.**
7. Do not submit any work via MIO or TEAMS.