Module 3

Objectives

Your task is to develop a job posting platform where companies can post job openings and job seekers can apply. You'll be using PHP and a MySQL database to implement the backend functionalities of this platform.

Requirements

1. **Database Schema Design**
   - Design and create a database schema to store information about companies, job postings, users, and applications.
     - The `users` table should include fields for user ID, username, email, password, and profile information.
     - The `companies` table should include fields for company ID, name, email, and description.
     - The `job_postings` table should include fields for job ID, company ID (foreign key to companies table), job name, job description, job requirements, and timestamp.
     - The `applications` table should include fields for application ID, job ID (foreign key to job_postings table), user ID (foreign key to users table), and timestamp.
     - You are allowed to extend any table with more fields if you need to.
2. **User and Company Registration**
   - Implement user and company registration and login functionalities.
   - Use password hashing for secure storage of user passwords.
3. **Job Posting Management**
   - Allow companies to create, update, and delete job postings.
   - Implement a user interface for browsing job postings with search and filter options.
4. **Job Applications**
   - Allow users to apply for jobs.
   - Implement functionality for companies to review applications.

Instructions to the Competitor

1. Save your files in a folder called "XX_PHP_Module" where XX is your desk number.
2. The output should be the dump of your database and the PHP file or files.

Good luck!