**Case Study: Job Portal System**

**Objective:**

Develop a menu-based console application to assess your proficiency in Core Java, MySQL, and JDBC. The application will simulate a job portal system, allowing users to manage job listings, applicants, and interviews.

**Functionalities:**

1. **Job Listing Management:**
   * Add a new job listing
   * View job listing details
   * Update job listing information
   * Delete a job listing
2. **Applicant Management:**
   * Register a new applicant
   * View applicant details
   * Update applicant information
   * Delete an applicant
3. **Interview Management:**
   * Schedule an interview for an applicant
   * View interview details
   * Update interview information
   * Cancel an interview

**Database Schema:**

* **Job Listing Table:**
  + job\_id (Primary Key)
  + title
  + description
  + requirements
  + posted\_date
  + status (active/inactive)
* **Applicant Table:**
  + applicant\_id (Primary Key)
  + name
  + email
  + phone\_number
  + address
* **Interview Table:**
  + interview\_id (Primary Key)
  + job\_id (Foreign Key references Job Listing Table)
  + applicant\_id (Foreign Key references Applicant Table)
  + interview\_date
  + status (scheduled/completed/cancelled)

**Requirements:**

* Develop a menu-based console application using Core Java.
* Use JDBC for interactions with the MySQL database.
* Implement menu options for managing job listings, applicants, and interviews.
* Ensure that the application handles job status changes, applicant qualifications, and interview scheduling conflicts.
* Handle exceptions effectively and provide user-friendly error messages.
* Ensure the application code is clean, well-documented, and follows standard coding conventions.

**Submission:**

* Submit the complete source code along with a README file that provides setup and usage instructions.
* Share your project by uploading it to a public GitHub repository.
* Provide the link to the GitHub repository to the coaches.