**Case Study: Student Enrollment Management System**

**Objective:**

Develop a menu-based console application to assess your proficiency in Core Java, MySQL, and JDBC. The application will simulate a student enrollment management system for a university.

**Functionalities:**

1. **Student Management:**
   * Add new students to the database
   * View student details
   * Update student information
   * Delete students from the database
2. **Course Enrollment:**
   * Enroll students in courses
   * View courses a student is enrolled in
   * Update enrollment status
   * Remove students from courses

**Database Schema:**

* **Student Table:**
  + student\_id (Primary Key)
  + name
  + email
  + major
  + enrollment\_year
* **Course Table:**
  + course\_id (Primary Key)
  + course\_name
  + instructor
  + credits
* **Enrollment Table:**
  + enrollment\_id (Primary Key)
  + student\_id (Foreign Key references Student Table)
  + course\_id (Foreign Key references Course Table)
  + enrollment\_date
  + status (Enrolled, Dropped, Completed)

**Requirements:**

* Develop a menu-based console application using Core Java.
* Use JDBC for interactions with the MySQL database.
* Implement menu options for managing students and course enrollments.
* Ensure the application allows for adding, viewing, updating, and deleting student and enrollment records.
* 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.