**Case Study: Employee Management System**

**Objective:**

Develop a menu-based console application to assess your proficiency in Core Java, MySQL, and JDBC. The application will simulate an employee management system for a retail business, allowing users to manage employee records, shifts, and salaries.

**Functionalities:**

1. **Employee Management:**
   * Add a new employee
   * View employee details
   * Update employee information
   * Delete an employee
2. **Shift Management:**
   * Assign a shift to an employee
   * View shift details
   * Update shift information
   * Delete a shift
3. **Salary Management:**
   * Set a salary for an employee
   * View salary details
   * Update salary information
   * Delete a salary record

**Database Schema:**

* **Employee Table:**
  + employee\_id (Primary Key)
  + name
  + email
  + phone
  + position
* **Shift Table:**
  + shift\_id (Primary Key)
  + employee\_id (Foreign Key references Employee Table)
  + shift\_date
  + start\_time
  + end\_time
* **Salary Table:**
  + salary\_id (Primary Key)
  + employee\_id (Foreign Key references Employee Table)
  + salary\_amount
  + payment\_date

**Requirements:**

* Develop a menu-based console application using Core Java.
* Use JDBC for interactions with the MySQL database.
* Implement menu options for managing employees, shifts, and salaries.
* Ensure that the application updates employee records and handles shift and salary data efficiently.
* 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.