**Case Study: Employee Attendance System**

**Objective:**

Develop a menu-based console application to assess your proficiency in Core Java, MySQL, and JDBC. The application will manage an employee attendance system, allowing users to manage employees, attendance records, and generate attendance reports.

**Functionalities:**

1. **Employee Management:**
   * Add a new employee
   * View employee details
   * Update employee information
   * Delete an employee
2. **Attendance Management:**
   * Record employee attendance
   * View attendance details
   * Update attendance records
   * Delete an attendance record
3. **Attendance Report:**
   * Generate monthly attendance report for a specific employee
   * Generate daily attendance report for all employees

**Database Schema:**

* **Employee Table:**
  + employee\_id (Primary Key)
  + name
  + department
  + email
  + phone\_number
* **Attendance Table:**
  + attendance\_id (Primary Key)
  + employee\_id (Foreign Key references Employee Table)
  + date
  + status (present/absent)

**Requirements:**

* Develop a menu-based console application using Core Java.
* Use JDBC for interactions with the MySQL database.
* Implement menu options for managing employees, attendance records, and generating attendance reports.
* Ensure that the application records and updates attendance status accurately.
* 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.