**Case Study: Blog Management System**

**Objective:**

Develop a menu-based console application to assess your proficiency in Core Java, MySQL, and JDBC. The application will simulate a blog management system for a communications and media company, allowing users to manage blogs, posts, and comments.

**Functionalities:**

1. **Blog Management:**
   * Add a new blog
   * View blog details
   * Update blog information
   * Delete a blog
2. **Post Management:**
   * Add a new post to a blog
   * View post details
   * Update post information
   * Delete a post
3. **Comment Management:**
   * Add a comment to a post
   * View comments for a post
   * Update a comment
   * Delete a comment

**Database Schema:**

* **Blog Table:**
  + blog\_id (Primary Key)
  + title
  + description
  + author
  + creation\_date
* **Post Table:**
  + post\_id (Primary Key)
  + blog\_id (Foreign Key references Blog Table)
  + title
  + content
  + publish\_date
* **Comment Table:**
  + comment\_id (Primary Key)
  + post\_id (Foreign Key references Post Table)
  + user\_id (Foreign Key references User Table)
  + content
  + comment\_date
* **User Table:**
  + user\_id (Primary Key)
  + username
  + email
  + date\_of\_birth
  + registration\_date

**Requirements:**

* Develop a menu-based console application using Core Java.
* Use JDBC for interactions with the MySQL database.
* Implement menu options for managing blogs, posts, and comments.
* Ensure that the application updates comment statuses and handles user, blog, and post 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.