**Case Study: Video Streaming Service Management System**

**Objective:**

Develop a menu-based console application to assess your proficiency in Core Java, MySQL, and JDBC. The application will simulate a video streaming service management system for a communications and media company, allowing users to manage videos, users, and subscriptions.

**Functionalities:**

1. **Video Management:**
   * Add a new video
   * View video details
   * Update video information
   * Delete a video
2. **User Management:**
   * Add a new user
   * View user details
   * Update user information
   * Delete a user
3. **Subscription Management:**
   * Subscribe to a video service
   * View subscription details
   * Update subscription information
   * Cancel a subscription

**Database Schema:**

* **Video Table:**
  + video\_id (Primary Key)
  + title
  + genre
  + release\_date
  + director
  + duration
* **User Table:**
  + user\_id (Primary Key)
  + username
  + email
  + date\_of\_birth
  + registration\_date
* **Subscription Table:**
  + subscription\_id (Primary Key)
  + user\_id (Foreign Key references User Table)
  + video\_id (Foreign Key references Video Table)
  + subscription\_date
  + expiry\_date
  + status (active/inactive)

**Requirements:**

* Develop a menu-based console application using Core Java.
* Use JDBC for interactions with the MySQL database.
* Implement menu options for managing videos, users, and subscriptions.
* Ensure that the application updates subscription statuses and handles user and video 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.