**Case Study: Home Insurance Management System**

**Objective:**

Develop a menu-based console application to assess your proficiency in Core Java, MySQL, and JDBC. The application will simulate a home insurance management system, allowing users to manage policies, homeowners, and claims.

**Functionalities:**

1. **Policy Management:**
   * Add a new policy
   * View policy details
   * Update policy information
   * Delete a policy
2. **Homeowner Management:**
   * Register a new homeowner
   * View homeowner details
   * Update homeowner information
   * Delete a homeowner
3. **Claim Management:**
   * Submit a new claim
   * View claim details
   * Update claim information
   * Delete a claim

**Database Schema:**

* **Policy Table:**
  + policy\_id (Primary Key)
  + policy\_number
  + type
  + coverage\_amount
  + premium\_amount
* **Homeowner Table:**
  + homeowner\_id (Primary Key)
  + name
  + email
  + phone\_number
  + address
* **Claim Table:**
  + claim\_id (Primary Key)
  + policy\_id (Foreign Key references Policy Table)
  + homeowner\_id (Foreign Key references Homeowner Table)
  + claim\_date
  + status (submitted/processed)

**Requirements:**

* Develop a menu-based console application using Core Java.
* Use JDBC for interactions with the MySQL database.
* Implement menu options for managing policies, homeowners, and claims.
* Ensure that the application updates the status in the Claim table appropriately after a claim is submitted or processed.
* 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.