**Case Study: Customer Feedback and Survey System**

**Objective:**

Develop a menu-based console application to assess your proficiency in Core Java, MySQL, and JDBC. The application will simulate a customer feedback and survey system for a consumer electronics company, allowing users to manage feedback submissions, survey responses, and analysis.

**Functionalities:**

1. **Feedback Submission:**
   * Submit new feedback from customers
   * View feedback details
   * Update feedback information
   * Delete feedback
2. **Survey Management:**
   * Create new surveys for customers
   * View survey details
   * Update survey questions
   * Delete surveys
3. **Analysis and Reporting:**
   * Analyze feedback and survey responses
   * Generate reports based on analysis
   * Export reports to a file format (e.g., CSV)

**Database Schema:**

* **Feedback Table:**
  + feedback\_id (Primary Key)
  + customer\_id (Foreign Key references Customer Table)
  + feedback\_date
  + feedback\_text
  + rating
* **Survey Table:**
  + survey\_id (Primary Key)
  + survey\_name
  + survey\_description
  + status
* **Survey Response Table:**
  + response\_id (Primary Key)
  + survey\_id (Foreign Key references Survey Table)
  + customer\_id (Foreign Key references Customer Table)
  + response\_date
  + response\_text

**Requirements:**

* Develop a menu-based console application using Core Java.
* Use JDBC for interactions with the MySQL database.
* Implement menu options for managing feedback submissions, surveys, and analysis.
* Ensure that the application allows for the creation and management of surveys, submission and analysis of feedback, and generation of reports.
* 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.