**Case Study: Transportation and Logistics Management System**

**Objective:**

Develop a menu-based console application to assess your proficiency in Core Java, MySQL, and JDBC. The application will simulate a transportation and logistics management system, allowing users to manage shipments, vehicles, and drivers.

**Functionalities:**

1. **Shipment Management:**
   * Add a new shipment
   * View shipment details
   * Update shipment information
   * Delete a shipment
2. **Vehicle Management:**
   * Add a new vehicle
   * View vehicle details
   * Update vehicle information
   * Delete a vehicle
3. **Driver Management:**
   * Add a new driver
   * View driver details
   * Update driver information
   * Delete a driver

**Database Schema:**

* **Shipment Table:**
  + shipment\_id (Primary Key)
  + description
  + origin
  + destination
  + status (in-transit/delivered)
  + delivery\_date
* **Vehicle Table:**
  + vehicle\_id (Primary Key)
  + make
  + model
  + year
  + capacity
* **Driver Table:**
  + driver\_id (Primary Key)
  + name
  + email
  + phone\_number
  + license\_number

**Requirements:**

* Develop a menu-based console application using Core Java.
* Use JDBC for interactions with the MySQL database.
* Implement menu options for managing shipments, vehicles, and drivers.
* Ensure that the application handles shipment status updates and delivery tracking.
* 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.