**Case Study: Travel Booking Management System**

**Objective:**

Develop a menu-based console application to assess your proficiency in Core Java, MySQL, and JDBC. The application will simulate a travel booking management system, allowing users to manage destinations, customers, and bookings.

**Functionalities:**

1. **Destination Management:**
   * Add a new destination
   * View destination details
   * Update destination information
   * Delete a destination
2. **Customer Management:**
   * Add a new customer
   * View customer details
   * Update customer information
   * Delete a customer
3. **Booking Management:**
   * Create a new booking
   * View booking details
   * Update booking information
   * Cancel a booking

**Database Schema:**

* **Destination Table:**
  + destination\_id (Primary Key)
  + name
  + location
  + description
  + price\_per\_day
* **Customer Table:**
  + customer\_id (Primary Key)
  + name
  + email
  + phone\_number
  + address
* **Booking Table:**
  + booking\_id (Primary Key)
  + destination\_id (Foreign Key references Destination Table)
  + customer\_id (Foreign Key references Customer Table)
  + booking\_date
  + start\_date
  + end\_date
  + total\_cost
  + status (confirmed/cancelled)

**Requirements:**

* Develop a menu-based console application using Core Java.
* Use JDBC for interactions with the MySQL database.
* Implement menu options for managing destinations, customers, and bookings.
* Ensure that the application calculates the total\_cost in the Booking table based on the price\_per\_day of the destination and the number of days of the booking.
* 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.