package Final;  
import java.sql.Connection;  
import java.sql.Date;  
import java.sql.DriverManager;  
import java.sql.PreparedStatement;  
import java.sql.SQLException;  
import java.text.ParseException;  
import java.text.SimpleDateFormat;  
import java.util.Scanner;  
  
public class Record extends Payment {  
    // Assuming your database table is named 'hotel\_records'  
    private static final String TABLE\_NAME = "hotel\_records";  
    public static void record() throws ParseException {  
        Scanner scanner = new Scanner(System.in);  
        System.out.println("Enter 0 to return to the home page.");  
        System.out.println("Enter Username");  
        String user = "Username";  
        String p1 = scanner.nextLine();  
        if (p1.equals("0")) {  
            Main.Home();  
        }  
        System.out.println("Enter Password");  
        String pass = "Admin123";  
        String p2 = scanner.nextLine();  
        if (p1.equals(user) && p2.equals(pass)) {  
            System.out.println("                                             \* HOTEL RECORD \*\n");  
            System.out.println("| Name             | Phone No.    | Address   | Check-In    | Check-Out     | Room Type          | Price           |");  
            System.out.println("----------------------------------------------------------------------------------------------------------------------");  
            for (int n = 0; n < i; n++) {  
                System.out.println("| " + name.get(n) + "   | " + phno.get(n) + "   | " + add.get(n) + "   | " + checkin.get(n) + "   | "  
                        + checkout.get(n) + "   | " + room.get(n) + "   | " + price.get(n));  
                // Save record to the database  
                saveRecordToDatabase(name.get(n), phno.get(n), add.get(n), checkin.get(n), checkout.get(n),  
                        room.get(n), price.get(n));  
            }  
            System.out.println("----------------------------------------------------------------------------------------------------------------------");  
        } else {  
            System.out.println("Incorrect Username or Password");  
            record();  
        }  
        createTableIfNotExists();  
        back();  
    }  
    private static void createTableIfNotExists() {  
    // TODO Auto-generated method stub  
  }  
  private static void saveRecordToDatabase(String name, String phno, String add, String checkin, String checkout,  
            String room, int price) throws ParseException {  
        try {  
            // JDBC connection parameters  
            String jdbcUrl = "jdbc:mysql://localhost:3306/Sahana"; // Change your\_database\_name to your actual database name  
            String user = "root";  
            String password = "thanu@103";  
            // Load the JDBC driver  
            Class.forName("com.mysql.cj.jdbc.Driver");  
            // Establish the connection  
            Connection connection = DriverManager.getConnection(jdbcUrl, user, password);  
            SimpleDateFormat dateFormat = new SimpleDateFormat("dd/MM/yyyy");  
            // Insert data into the hotel\_records table  
            String sql = "INSERT INTO " + TABLE\_NAME  
                    + " (customer\_name, phone\_number, address, checkin\_date, checkout\_date, room\_type, price) VALUES (?, ?, ?, ?, ?, ?, ?)";  
            try (PreparedStatement preparedStatement = connection.prepareStatement(sql)) {  
                preparedStatement.setString(1, name);  
                preparedStatement.setString(2, phno);  
                preparedStatement.setString(3, add);  
                preparedStatement.setString(4, checkin);  
                preparedStatement.setString(5, checkout);  
                preparedStatement.setString(6, room);  
                preparedStatement.setInt(7, price);  
                // Execute the insert statement  
                java.util.Date checkinDate = dateFormat.parse(checkin);  
                preparedStatement.setDate(4, new java.sql.Date(checkinDate.getTime()));  
                // Convert the date format for checkout\_date  
                java.util.Date checkoutDate = dateFormat.parse(checkout);  
                preparedStatement.setDate(5, new java.sql.Date(checkoutDate.getTime()));  
                preparedStatement.executeUpdate();  
            }  
            // Close the connection  
            connection.close();  
        } catch (ClassNotFoundException | SQLException e) {  
            e.printStackTrace();  
        }  
    }  
    public static void back() {  
        Scanner scanner = new Scanner(System.in);  
        System.out.println("Enter any key to return to the home page.");  
        String n = scanner.next();  
        Main.Home();  
    }  
}