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Java project

source code;

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package MovieDetails;  
import java.sql.*;  
import java.util.*;  
public class MovieDetails {  
  
private static final String Theatre = null;  
static String DB_URL = "jdbc:mysql://localhost:3306/amitdb";  
static String USER = "root";  
static String PASSWORD = "Amma7708@";  
private static String ph_number;  
private static String newTheatre;  
private static String newtime;  
public static void main(String[] args) {  
try {  
Class.forName("com.mysql.cj.jdbc.Driver");  
Connection con = DriverManager.getConnection(DB_URL,  
USER, PASSWORD);  
Statement stmt = con.createStatement();  
// Create table  
String createTableQuery = "CREATE TABLE IF NOT EXISTS  
MovieTicketDetail("  
+ "ticket_id VARCHAR(20) NOT NULL,"  
+ "peoplename VARCHAR(50) NOT NULL,"  
+ "Moviename VARCHAR(50) NOT NULL,"  
+ "Theatre VARCHAR(50) NOT NULL,"
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+ "class VARCHAR(20) NOT NULL,"
+ "time VARCHAR(30) NOT NULL,"
+ "gender VARCHAR(1) NOT NULL,"
+ "ph_number VARCHAR(10) NOT NULL,"
+ "fare VARCHAR(50) NOT NULL)";
stmt.executeUpdate(createTableQuery);
System.out.println("Table created successfully!");
try (Scanner sc = new Scanner(System.in)) {
    int choice = -1;
    while (choice != 0) {
        System.out.println("\n----- MOVIE TICKET BOOKING
SYSTEM -----");
        System.out.println("1. Book a Ticket");
        System.out.println("2. Update Ticket Fare");
        System.out.println("3. Update Ticket Class");
        System.out.println("4. Update time ");
        System.out.println("5. Update Theatre");
        System.out.println("6. Update pepole ph_number");
        System.out.println("7. Delete a Ticket");
        System.out.println("8. Show All Tickets");
        System.out.println("9. Exit");
        System.out.print("Enter your choice: ");
        choice = sc.nextInt();
        sc.nextLine();
        switch (choice) {
            case 1:
                // Book a ticket
                System.out.print("Enter the number of Ticekt:");
                int n=sc.nextInt();
                sc.nextLine();

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for(int i=0;i<n;i++)
{System.out.print("Enter Ticket id: ");
String ticket_id = sc.nextLine();
System.out.print("Enter people name: ");
String name = sc.nextLine();
System.out.print("Enter Moviename: ");
String Moviename = sc.nextLine();
System.out.print("Enter Theatre: ");
String Theatre = sc.nextLine();
System.out.print("Enter class (First/Second): ");
String ticketClass = sc.nextLine();
System.out.print("Entertime: ");
String time = sc.nextLine();
System.out.print("Enter gender: ");
String gender = sc.nextLine();
System.out.print("Enter people ph_number: ");
String ph=sc.nextLine();
System.out.print("Enter ticket fare: ");
String fare = sc.nextLine();
String insertQuery = "INSERT INTO MovieTicketDetail
VALUES(?,?,?,?,?,?,?,?,?)";
PreparedStatement insertStmt =
con.prepareStatement(insertQuery);
insertStmt.setString(1,ticket_id);
insertStmt.setString(2, name);
insertStmt.setString(3, Moviename);
insertStmt.setString(4, Theatre);
insertStmt.setString(5, ticketClass);
insertStmt.setString(6,time);
insertStmt.setString(7, gender);
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insertStmt.setString(8,ph);
insertStmt.setString(9, fare);
insertStmt.executeUpdate();
}System.out.println("Ticket booked successfully!");
break;
case 2:
// Update ticket fare
System.out.print("Enter ticket ID to update fare: ");
String ticketId = sc.nextLine();
System.out.print("Enter new fare: ");
String newFare = sc.nextLine();
String updateQuery = "UPDATE MovieTicketDetail SET
fare= ? WHEREticket_id = ?";
PreparedStatement updateStmt =
con.prepareStatement(updateQuery);
updateStmt.setString(1, newFare);
updateStmt.setString(2, ticketId);
int rowsUpdated = updateStmt.executeUpdate();
if (rowsUpdated > 0) {
System.out.println("Fare updated successfully!");
} else {
System.out.println("Ticket not found!");
}break;
case 3:
// Update ticket class
System.out.print("Enter ticket ID to update Class: ");
String ticketId1 = sc.nextLine();
System.out.print("Enter new class: ");
String newClass = sc.nextLine();
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    String updateQuery1 = "UPDATE MovieTicketDetail SET
class = ? WHERE ticket_id = ?";
    PreparedStatement updateStmt1 =
con.prepareStatement(updateQuery1);
    updateStmt1.setString(1, newClass);
    updateStmt1.setString(2, ticketId1);
    int rowsUpdated1 = updateStmt1.executeUpdate();
    if (rowsUpdated1 > 0) {
        System.out.println("Class updated successfully!");
    } else {
        System.out.println("Ticket not found!");
    }break;
    case 4:
        // Update Ticket Theatre
        System.out.print("Enter ticket ID to update Theatre: ");
        String ticketId2 = sc.nextLine();
        System.out.print("Enter new Theatre: ");
        newTheatre = sc.nextLine();
        String updateQuery2 = "UPDATE MovieTicketDetail SET
Theatre= ?WHERE ticket_id = ?";
        PreparedStatement updateStmt2 =
con.prepareStatement(updateQuery2);
        updateStmt2.setString(1, Theatre);
        updateStmt2.setString(2, ticketId2);
        int rowsUpdated2 = updateStmt2.executeUpdate();
        if (rowsUpdated2 > 0) {
            System.out.println("Class updated successfully!");
        } else {
            System.out.println("Ticket not found!");
        }break;

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case 5:
// Update Date_time
System.out.print("Enter ticket ID to update time: ");
String ticketId3 = sc.nextLine();
System.out.print("Enter new time: ");
    newtime = sc.nextLine();
    String updateQuery3= "UPDATE MovieTicketDetail SET
time= ?WHERE ticket_id = ?";
    PreparedStatement updateStmt3 =
con.prepareStatement(updateQuery3);
        String time1 = null;
        updateStmt3.setString(1, time1);
updateStmt3.setString(2, ticketId3);
int rowsUpdated3 = updateStmt3.executeUpdate();
if (rowsUpdated3 > 0) {
System.out.println("Class updated successfully!");
} else {
System.out.println("Ticket not found!");
}break;
case 6:
// Update passenger ph_number
System.out.print("Enter ticket ID to update ph_number:
");
    String ticketId4 = sc.nextLine();
    System.out.print("Enter new ph_number ");
    String newph_number = sc.nextLine();
    String updateQuery4 = "UPDATE MovieTicketDetail SET
ph_number= ?WHERE ticket_id = ?";
    PreparedStatement updateStmt4 =
con.prepareStatement(updateQuery4);

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updateStmt4.setString(1, newph_number);
updateStmt4.setString(2, ticketId4);
int rowsUpdated4 = updateStmt4.executeUpdate();
if (rowsUpdated4 > 0) {
    System.out.println("Class updated successfully!");
} else {
    System.out.println("Ticket not found!");
}break;
case 7:
    // Delete a ticket
    System.out.print("Enter ticket ID to delete: ");
    String deleteTicketId = sc.nextLine();
    String deleteQuery = "DELETE FROM MovieTicketDetail
WHERE ticket_id= ?";
    PreparedStatement deleteStmt =
con.prepareStatement(deleteQuery);
    deleteStmt.setString(1, deleteTicketId);
    int rowsDeleted = deleteStmt.executeUpdate();
    if (rowsDeleted > 0) {
        System.out.println("Ticket deleted successfully!");
    } else {
        System.out.println("Ticket not found!");
    }break;
case 8:
    // Show all tickets
    String selectQuery = "SELECT * FROM
MovieTicketDetail";
    ResultSet resultSet = stmt.executeQuery(selectQuery);
    if (!resultSet.next()) {
        System.out.println("No tickets found!");
    }
```

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    }else
    {
        System.out.print(" ----- TICKET DETAILS ----- ");
        System.out.println();

System.out.print("\n-----
-----
-----\n");
        String output = String.format("
%-20s%-20s%-20s%-20s%-20s%-20s%-20s%-20s%s", "Ticket_
ID", "people
Name", "Moviename", "Theatre", "Class", "time", "gender", "ph_
number", "Fare");
        System.out.print(output);

System.out.print("\n-----
-----
-----\n");
        System.out.println();
        while (resultSet.next())
        {String output1 = String.format("
%-15s%-20s%-20s%-20s%-20s%-20s%-20s%-20s%s", resultS
et.getString(1)
,resultSet.getString(2),resultSet.getString(3),resultSet.getStri
ng(4),resultSet.getString(5),resultSet.getString(6),resultSet.g
etString(7),resultSet.getString(8),resultSet.getString(9));
        System.out.print(output1);
        System.out.println();

}System.out.print("\n-----

```



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-----\n");
    }break;
    case 9:
        //exit program
        System.out.println("Exiting the program.");
        break;

    default:
        //invalid choice
        System.out.println("Invalid choice! Please try again.");
    }}
}
con.close();
} catch (ClassNotFoundException e)
{e.printStackTrace();
} catch (SQLException e) {
e.printStackTrace();
}}
}
```

output

```
Ticket booked successfully.

----- MOVIE TICKET BOOKING SYSTEM -----
1. Book a Ticket
2. Update Ticket Fare
3. Update Ticket Class
4. Update time
5. Update Theatre
6. Update people ph_number
7. Delete a Ticket
8. Show All Tickets
9. Exit
Enter your choice: 8
```

----- TICKET DETAILS -----

Ticket_ID	people Name	Moviename	Theatre	Class	time	gender	ph_number	Fare
1	ranjith	rrrr	pvrtheatre	first	10:00	m	900000000	paid
2	kumar	rrrr	pvrtheatre	second	9:00	m	80000000	paid
3	raja	Vikram	pvrtheatre	second	1:30	m	9999999	paid
4	john	Avater2	pvr	First	10:00	m	78888888	not paid
5	Sri	Avater2	pvr	Second	10:01	m	7788889999	paid
6	hari	veeran	pvrtheatre	Second	4:30	f	67777777	paid