**Source Code**

package com.MyMoviePlan.entity;

import com.fasterxml.jackson.annotation.JsonIgnore;

import lombok.\*;

import javax.persistence.\*;

import java.io.Serializable;

@Entity

@Data

@AllArgsConstructor

@NoArgsConstructor

@EqualsAndHashCode

@Table(name = "actors")

public class ActorEntity implements Serializable {

@Id

@GeneratedValue(strategy = GenerationType.IDENTITY)

private int id;

@Column(name = "is\_cast")

private String isCast;

private String name;

private String role;

@Column(length = Integer.MAX\_VALUE, columnDefinition="TEXT")

private String image;

@JsonIgnore

@ToString.Exclude

@EqualsAndHashCode.Exclude

@ManyToOne(targetEntity = MovieEntity.class)

private MovieEntity movie;

public ActorEntity(String name, String role, String image) {

this.name = name;

this.role = role;

this.image = image;

}

}

package com.MyMoviePlan.entity;

import lombok.\*;

import javax.persistence.\*;

import java.io.Serializable;

import java.util.List;

//@JsonIdentityInfo(generator = ObjectIdGenerators.PropertyGenerator.class,

// property = "id", scope = ShowEntity.class)

@Entity

@Data

@NoArgsConstructor

@AllArgsConstructor

@EqualsAndHashCode

@Table(name = "auditoriums")

public class AuditoriumEntity implements Serializable {

@Id

@GeneratedValue(strategy = GenerationType.IDENTITY)

private int id;

private String name;

@Column(length = Integer.MAX\_VALUE, columnDefinition="TEXT")

private String image;

private String email;

@Column(name = "customer\_care\_no")

private String customerCareNo;

private String address;

@Column(name = "seat\_capacity")

private int seatCapacity;

@ToString.Exclude

@EqualsAndHashCode.Exclude

@ElementCollection

@CollectionTable(name = "auditorium\_facilities", joinColumns = @JoinColumn(name = "auditorium\_id"))

@Column(name = "facility")

package com.MyMoviePlan.entity;

import lombok.AllArgsConstructor;

import lombok.Data;

import lombok.EqualsAndHashCode;

import lombok.NoArgsConstructor;

import javax.persistence.\*;

import java.io.Serializable;

@Entity

@Data

@AllArgsConstructor

@NoArgsConstructor

@EqualsAndHashCode

@Table(name = "booking\_details")

public class BookingDetailsEntity implements Serializable {

@Id

@GeneratedValue(strategy = GenerationType.IDENTITY)

private int id;

@Column(name = "auditorium\_id")

private int auditoriumId;

@Column(name = "show\_id")

private int showId;

@Column(name = "movie\_show\_id")

private int movieShowId;

@Column(name = "movie\_id")

private int movieId;

public BookingDetailsEntity(int auditoriumId, int showId, int movieShowId, int movieId) {

this.auditoriumId = auditoriumId;

this.showId = showId;

this.movieShowId = movieShowId;

this.movieId = movieId;

}

}

package com.MyMoviePlan.entity;

import com.fasterxml.jackson.annotation.JsonIgnore;

import lombok.\*;

import javax.persistence.\*;

import java.io.Serializable;

import java.util.Date;

import java.util.List;

@Entity

@Data

@AllArgsConstructor

@NoArgsConstructor

@EqualsAndHashCode

@Table(name = "bookings")

public class BookingEntity implements Serializable {

@Id

@GeneratedValue(strategy = GenerationType.IDENTITY)

private int id;

private double amount;

@Column(name = "total\_seats")

private int totalSeats;

@Column(name = "booked\_on")

@Temporal(TemporalType.DATE)

private Date bookedOn;

@Column(name = "date\_of\_booking")

@Temporal(TemporalType.DATE)

private Date dateOfBooking;

@Column(name = "user\_id")

private String userId;

@ToString.Exclude

@EqualsAndHashCode.Exclude

@ElementCollection

@CollectionTable(name = "booked\_seats", joinColumns = @JoinColumn(name = "booking\_id"))