

➤ Project: Movie Ticket Booking System

- create databases movies;
- use movies;

1) table1 user:

create table users (

 User _id int primary key,

 name VARCHAR (100),

 email VARCHAR (100) UNIQUE,

 password VARCHAR (100)

);

- desc users;

Field	Type	Null	Key	Default	Extra
user_id	int	NO	PRI	NULL	auto_increment
name	varchar(100)	YES		NULL	
email	varchar(100)	YES	UNI	NULL	
password	varchar(100)	YES		NULL	

Insert values:

insert into users (user _id, name, email, password) values

(101, 'Sree Charani', 'charani@gmail.com', 'password12'),

(102, 'Bob Smith', 'bob@gmail.com', 'password24'),

(103, 'Richa Ghosh', 'ghosh@gmail.com', 'password35'),

(104, 'Diana Green', 'diana@gmail.com', 'password49'),

(105, 'Evan Miller', 'evan@gmail.com', 'password58'),

(106, 'Sneh rana', 'rana@gmail.com', 'password69'),

(107, 'Amanjot Kaur', 'kaur@gmail.com', 'password77'),
 (108, 'Harleen Deol', 'deol@gmail.com', 'password80'),
 (109, 'Deepti Sharma', 'sharma@gmail.com', 'password90'),
 (110, 'Sayali Satghare', 'satghare@gmail.com', 'password10');

➤ Select * from user;

```
mysql> select * from users;
```

user_id	name	email	password
101	sree charani	charani@gmail.com	password12
102	Bob Smith	bob@gmail.com	password24
103	richa ghosh	ghosh@gmail.com	password35
104	Diana Green	diana@gmail.com	password49
105	Evan Miller	evan@gmail.com	password58
106	sneh rana	rana@gmail.com	password69
107	amanjot kaur	kaur@gmail.com	password77
108	harleen deol	deol@gmail.com	password80
109	deepti sharma	sharma@gmail.com	password90
110	sayali satghare	satghare@gmail.com	password10

```
10 rows in set (0.00 sec)
```

Table2 movie

```
create table movies (
  movie_id int primary key,
  title varchar (50),
  duration int
);
```

➤ desc movies;

Field	Type	Null	Key	Default	Extra
movie_id	int	NO	PRI	NULL	
title	varchar(50)	YES		NULL	
duration	int	YES		NULL	

3 rows in set (0.01 sec)

Insert values:

Insert into movies (movie_id, title, duration) values

(101, 'ram aur Shyam', 136),
 (102, 'Dilwale Dulhania ', 108),
 (103, 'Dil Chahta Hai', 169),
 (104, ' om shanti om', 175),
 (105, 'a few good men', 104),
 (106, 'back to the future', 182),
 (107, 'the godfather ', 142),
 (108, 'the wizard of oz', 189),
 (109, 'the lord of the rings', 155),
 (110, 'silence of the lambs', 195);

Select * from movies;

```
mysql> select * from movies;
```

movie_id	title	duration
101	ram aur shyam	136
102	dilwale dulhania	108
103	dil chahta hai	169
104	om shanti om	175
105	a few good men	104
106	back to the future	182
107	the godfather	142
108	the wizard of oz	189
109	the lord of the rings	155
110	silence of the lambs	195

```
10 rows in set (0.00 sec)
```

Table3 shows:

Create table shows (

Show _id int primary key ,

Movie _id INT,

Show _date DATE

Show _time time ,

price DECIMAL (6,2),

FOREIGN KEY (movie_ id) REFERENCES movies (movie _id)

);

➤ Desc show;

```
mysql> desc shows;
```

Field	Type	Null	Key	Default	Extra
show_id	int	NO	PRI	NULL	
movie_id	int	YES	MUL	NULL	
show_date	date	YES		NULL	
show_time	time	YES		NULL	
price	decimal(6,2)	YES		NULL	

```
5 rows in set (0.01 sec)
```

Insert values:

insert into shows (show _id, movie _id, show _date, show _time, price) values

(111, 101, '2025-01-01', '10:00:00', 100.00),

(112, 102, '2025-01-01', '13:00:00', 150.00),

(134, 103, '2025-01-02', '15:00:00', 142.00),

(154, 104, '2025-01-02', '18:00:00', 155.00),

(156, 105, '2025-01-03', '11:00:00', 151.00),

(164, 106, '2025-01-03', '14:00:00', 145.00),

(174, 107, '2025-01-04', '16:00:00', 143.50),

(185, 108, '2025-01-04', '19:00:00', 143.50),

(195, 109, '2025-01-05', '12:30:00', 154.00),

(110, 110, '2025-01-05', '17:00:00', 159.00);

➤ Select * from show

```
mysql> select * from shows;
```

show_id	movie_id	show_date	show_time	price
110	110	2025-01-05	17:00:00	159.00
111	101	2025-01-01	10:00:00	100.00
112	102	2025-01-01	13:00:00	150.00
134	103	2025-01-02	15:00:00	142.00
154	104	2025-01-02	18:00:00	155.00
156	105	2025-01-03	11:00:00	151.00
164	106	2025-01-03	14:00:00	145.00
174	107	2025-01-04	16:00:00	143.50
185	108	2025-01-04	19:00:00	143.50
195	109	2025-01-05	12:30:00	154.00

```
10 rows in set (0.00 sec)
```

Table4seats:

```
create table seats (  
  seat_id int primary key,  
  seat_number VARCHAR (10)  
);
```

➤ desc seats;

```
mysql> desc seats;
```

Field	Type	Null	Key	Default	Extra
seat_id	int	NO	PRI	NULL	
seat_number	varchar(10)	YES		NULL	

```
2 rows in set (0.00 sec)
```

Insert values

insert into seats (seat_id, seat_number) values

(1011,'k1'),

(1022,'k2'),

(1033,'k3'),

(1044,'k4'),

(1055,'k5'),

(1066,'k6'),

(1077,'k7'),

(1088,'k8'),

(1099,'k9'),

(1160,'k10');

➤ Select * from seats;

```
mysql> select * from seats;
+-----+-----+
| seat_id | seat_number |
+-----+-----+
| 1011    | k1          |
| 1022    | k2          |
| 1033    | k3          |
| 1044    | k4          |
| 1055    | k5          |
| 1066    | k6          |
| 1077    | k7          |
| 1088    | k8          |
| 1099    | k9          |
| 1160    | k10         |
+-----+-----+
10 rows in set (0.00 sec)
```

Table5 booking

```
create table bookings (  
    booking_id int primary key,  
    user_id int,  
    show_id int,  
    seat_id int,  
    booking_time datetime,  
    foreign key (user_id) references users (user_id),  
    foreign key (show_id) references shows (show_id),  
    foreign key (seat_id) references seats (seat_id)  
);
```

➤ Desc bookings;

```
mysql> desc bookings;  
+-----+-----+-----+-----+-----+-----+  
| Field      | Type      | Null | Key | Default | Extra |  
+-----+-----+-----+-----+-----+-----+  
| booking_id | int       | NO   | PRI | NULL    |       |  
| user_id    | int       | YES  | MUL | NULL    |       |  
| show_id    | int       | YES  | MUL | NULL    |       |  
| seat_id    | int       | YES  | MUL | NULL    |       |  
| booking_time | datetime | YES  |     | NULL    |       |  
+-----+-----+-----+-----+-----+-----+  
5 rows in set (0.01 sec)
```

Insert values

```
insert into bookings (booking_id, user_id, show_id, seat_id, booking_time)  
values  
(1011, 101, 110, 1011, '2025-01-01 10:00:00'),
```



```
(1021, 102, 111, 1022, '2025-01-02 11:00:00'),
(1031, 103, 112, 1033, '2025-01-03 12:00:00'),
(1041, 104, 134, 1044, '2025-01-04 13:00:00'),
(1051, 105, 154, 1055, '2025-01-05 14:00:00'),
(1061, 106, 156, 1066, '2025-01-06 15:00:00'),
(1071, 107, 164, 1077, '2025-01-07 16:00:00'),
(1081, 108, 174, 1088, '2025-01-08 17:00:00'),
(1091, 109, 185, 1099, '2025-01-09 18:00:00'),
(1101, 110, 195, 1160, '2025-01-10 19:00:00');
```

➤ Select * from bookings;

```
mysql> select * from bookings;
+-----+-----+-----+-----+-----+
| booking_id | user_id | show_id | seat_id | booking_time |
+-----+-----+-----+-----+-----+
| 1011 | 101 | 110 | 1011 | 2025-01-01 10:00:00 |
| 1021 | 102 | 111 | 1022 | 2025-01-02 11:00:00 |
| 1031 | 103 | 112 | 1033 | 2025-01-03 12:00:00 |
| 1041 | 104 | 134 | 1044 | 2025-01-04 13:00:00 |
| 1051 | 105 | 154 | 1055 | 2025-01-05 14:00:00 |
| 1061 | 106 | 156 | 1066 | 2025-01-06 15:00:00 |
| 1071 | 107 | 164 | 1077 | 2025-01-07 16:00:00 |
| 1081 | 108 | 174 | 1088 | 2025-01-08 17:00:00 |
| 1091 | 109 | 185 | 1099 | 2025-01-09 18:00:00 |
| 1101 | 110 | 195 | 1160 | 2025-01-10 19:00:00 |
+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```