

# ASSIGNMENT

Ticket Booking System

NAME : PRINCE PATEL

ASSIGNMENT : Ticket Booking System

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REFERENCE SCREENSHOTS:

1 - Create Venue:

```
--- Ticket Booking System ---
1. Create Venue
2. Create Event
3. Register Customer
4. Book Tickets
5. Cancel Booking
6. Exit
Choose an option: 1
Enter venue name: Eden Gardens
Enter address: Elite Nagar, Kolkata
Venue created successfully!
```

	venue_id	venue_name	address
1	1	Eden Gardens	Elite Nagar, Kolkata

## 2 - Create Event:

```
--- Ticket Booking System ---
1. Create Venue
2. Create Event
3. Register Customer
4. Book Tickets
5. Cancel Booking
6. Exit
Choose an option: 2
Enter event name: Cricket World Cup Final
Enter event date (YYYY-MM-DD): 2024-11-10
Enter event time (HH:MM:SS): 10:10:10
Enter venue ID: 1
Enter total seats: 100000
Enter ticket price: 12000
Enter event type (Movie, Sports, Concert): Sports
Event created successfully!
```

	event_id	event_name	event_date	event_time	venue_id	total_seats	available_seats	ticket_price	event_type
1	1	Cricket World Cup Final	2024-11-10	10:10:10.0000000	1	100000	100000	12000.00	Sports

## 3 - Register Customer:

```
--- Ticket Booking System ---
1. Create Venue
2. Create Event
3. Register Customer
4. Book Tickets
5. Cancel Booking
6. Exit
Choose an option: 3
Enter customer name: Prince Patel
Enter email: resonance443731@gmail.com
Enter phone number: 8127799261
Customer registered successfully!
```

	customer_id	customer_name	email	phone_number
1	1	Prince Patel	resonance443731@gmail.com	8127799261

#### 4 - Book Tickets:

```

--- Ticket Booking System ---
1. Create Venue
2. Create Event
3. Register Customer
4. Book Tickets
5. Cancel Booking
6. Exit
Choose an option: 4
Enter event ID: 1
Enter customer ID: 1
Enter number of tickets: 2
Enter ticket price: 24000
Booking successful!

```

	booking_id	event_id	customer_id	num_tickets	total_cost	booking_date
1	1	1	1	2	48000.00	2024-10-15 23:22:28.413

#### 5 - Cancel Booking:

```

--- Ticket Booking System ---
1. Create Venue
2. Create Event
3. Register Customer
4. Book Tickets
5. Cancel Booking
6. Exit
Choose an option: 5
Enter booking ID: 1
Booking canceled successfully!

```

booking_id	event_id	customer_id	num_tickets	total_cost	booking_date

## 6 - EventNotFound Exception:

```

--- Ticket Booking System ---
1. Create Venue
2. Create Event
3. Register Customer
4. Book Tickets
5. Cancel Booking
6. Exit
Choose an option: 4
Enter event ID: 5
Enter customer ID: 1
Enter number of tickets: 1
Enter ticket price: 1235
Traceback (most recent call last):
  File "d:\my_codetct\main.py", line 85, in <module>
    main()
  File "d:\my_codetct\main.py", line 63, in main
    raise EventNotFoundException(f"Event with ID {event_id} not found!")
exception.EventNotFoundException.EventNotFoundException: Event with ID 5 not found!

```

## 7 – InvalidBookingID Exception

```

--- Ticket Booking System ---
1. Create Venue
2. Create Event
3. Register Customer
4. Book Tickets
5. Cancel Booking
6. Exit
Choose an option: 5
Enter booking ID: 121
Invalid Booking ID!

```

## 8 – NullPointerException:

```
--- Ticket Booking System ---
1. Create Venue
2. Create Event
3. Register Customer
4. Book Tickets
5. Cancel Booking
6. Exit
Choose an option: 2
Enter event name: Music Concert
Enter event date (YYYY-MM-DD): 2024-11-12
Enter event time (HH:MM:SS): 08:07:01
Enter venue ID: 108
Enter total seats: 20000
Enter ticket price: 5678
Enter event type (Movie, Sports, Concert): Concert
Traceback (most recent call last):
  File "d:\my_codetct\main.py", line 83, in <module>
    main()
  File "d:\my_codetct\main.py", line 41, in main
    raise NullPointerException("Some event details are missing!")
exception.NullPointerException.NullPointerException: Some event details are missing!
```

## 9 - Exit:

```
--- Ticket Booking System ---
1. Create Venue
2. Create Event
3. Register Customer
4. Book Tickets
5. Cancel Booking
6. Exit
Choose an option: 6
Exiting the system...
PS D:\my_codetct> 
```