Ticket platform API Specs

1. Browse Movie Shows

a. **URI:** /api/v1/movie-shows
b. **HTTP Method:** GET
c. **QueryParams:**
   i. Movie - Selected movie (Mandatory)
   ii. City - Selected city (Mandatory)
   iii. Date - Chosen date (Mandatory)
d. **Response json:**

```
{
  "movie_show_data":[
   {
     "theatre": "PVR1",
     "show_timings":["9:00 AM", "1:30 PM", "5:00 PM"]
   },
   {
     "theatre": "PVR2",
     "show_timings":["9:30 AM", "2:30 PM", "4:00 PM"]
   },
   {
     "theatre": "PVR3",
     "show_timings":["10:00 AM", "11:30 AM", "5:30 PM"]
   }
  ],
  "date": "05/11/2022",
  "status": "Success"
}
```

e. **Error response json:**

```
{
  "movie_show_data":[],
  "date": "05/11/2022",
  "status": "Failure",
  "errors" :[
   {
     "error_message": "",
     "error_code": ""
```

```
        }
      ]
    }
```

f. **Status codes:**

HTTP Code	Scenario
200	Success
5XX	Internal Server Error
4XX	Input validation failure

2. Book Movie Tickets

a. **URI:** /api/v1/movie-bookings
b. **HTTP Method:** POST
c. **Request json:**
```
{
  "theatre": "PVR1",
  "movie":"movie1",
  "show_timing": "09:00 AM",
  "seat_selection": [
      ["A", 1],["A",2],["A",3]
    ],
  "date": "05/11/2022"
}
```

d. **Response json:**

```
{
  "booking_ref": "ABCD12937192",
  "booking_status": "confirmed",
  "booking_data":{
    "theatre": "PVR1",
    "movie": "movie1",
    "show_timing": "09:00 AM",
    "seat_selection": [
```

```
        ["A", 1],["A",2],["A",3]
      ],
    "date": "05/11/2022"

  },
  "status": "Success"
}
```

e. **Error response json:**

```
{
  "booking_ref": "",
  "booking_status": "failed",
  "booking_data":{
    "theatre": "PVR1",
    "movie": "movie1",
    "show_timing": "09:00 AM",
    "seat_selection": [
       ["A", 1],["A",2],["A",3]
      ],
    "date": "05/11/2022"

  },
  "status": "Failure",
   "errors" :[
    {
      "error_message": "",
      "error_code": ""
    }
   ]

}
```

f. **Status codes:**

HTTP Code	Scenario
200	Success
5XX	Internal Server Error

4XX	Input validation failure