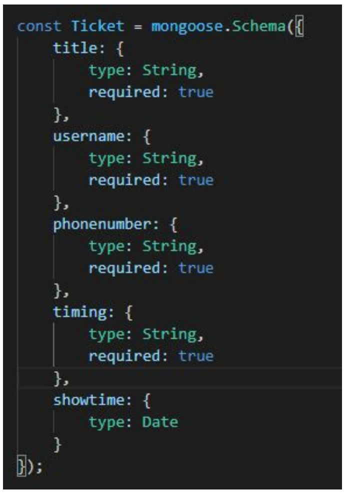
RESULTS AND SNAPSHOTS

- ## Database Specifications :

  Name of the Database: moviebooking

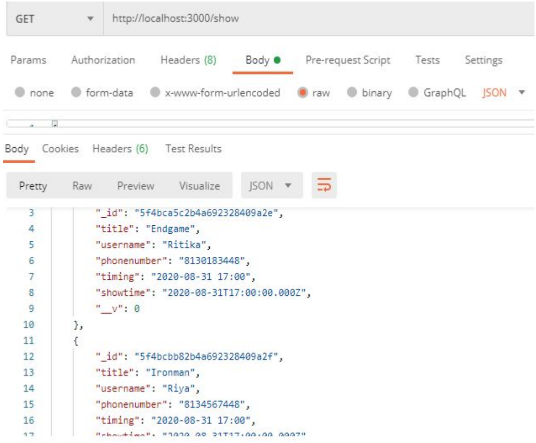
  Name of the Collection: moviebook

  Schema of the Collection:



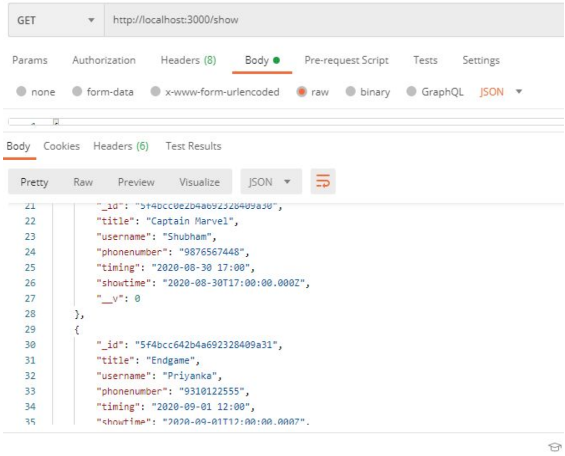
```
const Ticket = mongoose.Schema({
    title: {
        type: String,
        required: true
    },
    username: {
        type: String,
        required: true
    },
    phonenumber: {
        type: String,
        required: true
    },
    timing: {
        type: String,
        required: true
    },
    showtime: {
        type: Date
    }
});
```

- ## Initial Entries in the Database:



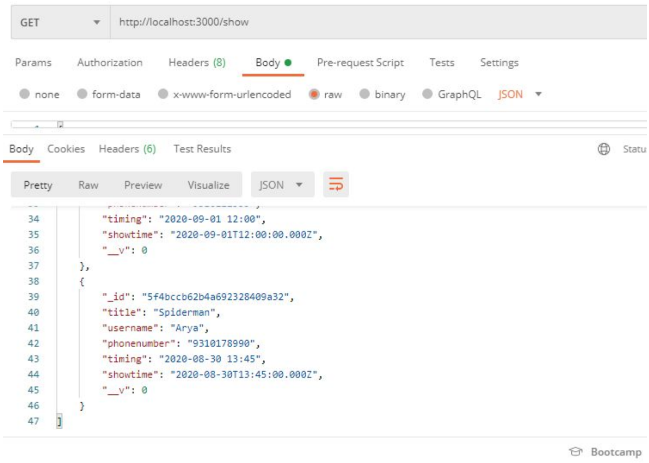
GET http://localhost:3000/show

```
        "_id": "5f4bca5c2b4a692328409a2e",
        "title": "Endgame",
        "username": "Ritika",
        "phonenumber": "8130183448",
        "timing": "2020-08-31 17:00",
        "showtime": "2020-08-31T17:00:00.000Z",
        "__v": 0
    },
    {
        "_id": "5f4bcbb82b4a692328409a2f",
        "title": "Ironman",
        "username": "Riya",
        "phonenumber": "8134567448",
        "timing": "2020-08-31 17:00",
        "showtime": "2020-08-31T17:00:00.000Z"
```



GET http://localhost:3000/show

```
        "_id": "5f4bcc0e2b4a692328409a30",
        "title": "Captain Marvel",
        "username": "Shubham",
        "phonenumber": "9876567448",
        "timing": "2020-08-30 17:00",
        "showtime": "2020-08-30T17:00:00.000Z",
        "__v": 0
    },
    {
        "_id": "5f4bcc642b4a692328409a31",
        "title": "Endgame",
        "username": "Priyanka",
        "phonenumber": "9310122555",
        "timing": "2020-09-01 12:00",
        "showtime": "2020-09-01T12:00:00.000Z",
```

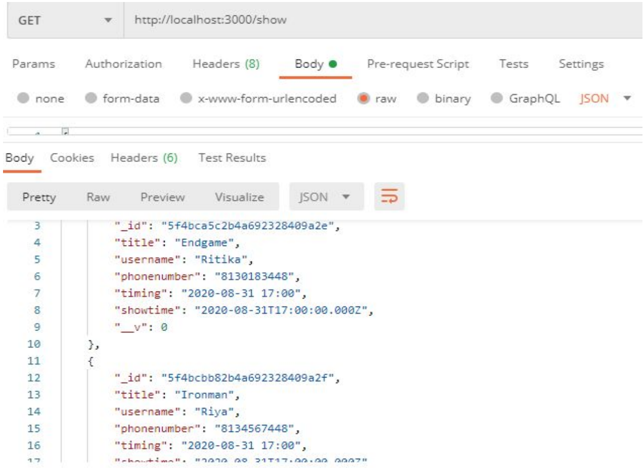


GET http://localhost:3000/show

```
        "timing": "2020-09-01 12:00",
        "showtime": "2020-09-01T12:00:00.000Z",
        "__v": 0
    },
    {
        "_id": "5f4bccb62b4a692328409a32",
        "title": "Spiderman",
        "username": "Arya",
        "phonenumber": "9310178990",
        "timing": "2020-08-30 13:45",
        "showtime": "2020-08-30T13:45:00.000Z",
        "__v": 0
    }
]
```

- **Endpoints in the REST interface:**

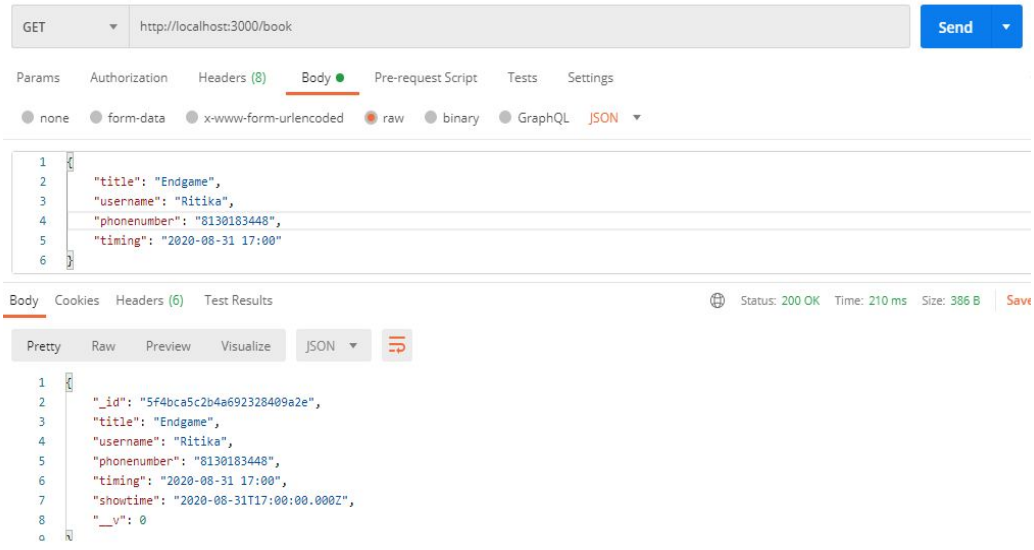
1. *GET http://localhost:3000/show*: An endpoint to display all movie bookings in the database.



```
        "_id": "5f4bca5c2b4a692328409a2e",
        "title": "Endgame",
        "username": "Ritika",
        "phonenumber": "8130183448",
        "timing": "2020-08-31 17:00",
        "showtime": "2020-08-31T17:00:00.000Z",
        "__v": 0
    },
    {
        "_id": "5f4bcbb82b4a692328409a2f",
        "title": "Ironman",
        "username": "Riya",
        "phonenumber": "8134567448",
        "timing": "2020-08-31 17:00",
        "showtime": "2020-08-31T17:00:00.000Z"
```

GE

2. *GET http://localhost:3000/book*: An endpoint to book a movie. (to add/insert entry in the database).

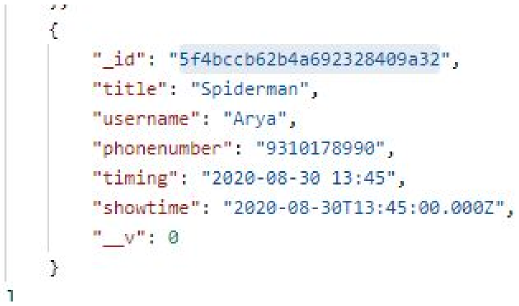


```
{
    "title": "Endgame",
    "username": "Ritika",
    "phonenumber": "8130183448",
    "timing": "2020-08-31 17:00"
}
```

Status: 200 OK Time: 210 ms Size: 386 B

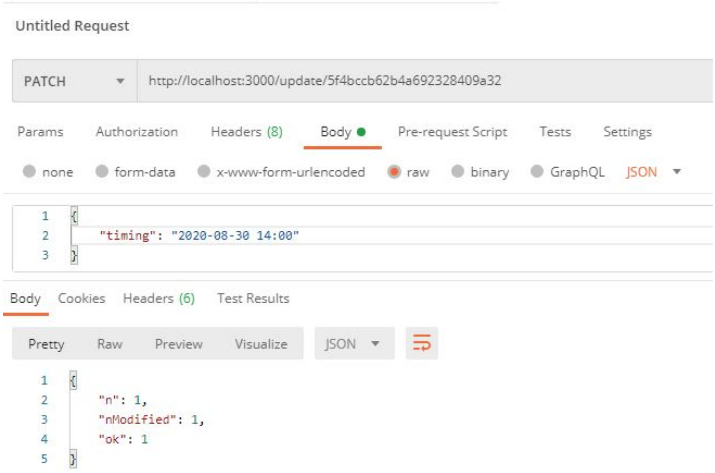
```
{
    "_id": "5f4bca5c2b4a692328409a2e",
    "title": "Endgame",
    "username": "Ritika",
    "phonenumber": "8130183448",
    "timing": "2020-08-31 17:00",
    "showtime": "2020-08-31T17:00:00.000Z",
    "__v": 0
}
```

3. *PATCH http://localhost:3000/update/:postId*: An endpoint to update the timings of the ticket.
   Entry before updation:



```
    },
    {
        "_id": "5f4bccb62b4a692328409a32",
        "title": "Spiderman",
        "username": "Arya",
        "phonenumber": "9310178990",
        "timing": "2020-08-30 13:45",
        "showtime": "2020-08-30T13:45:00.000Z",
        "__v": 0
    }
]
```

Update request:



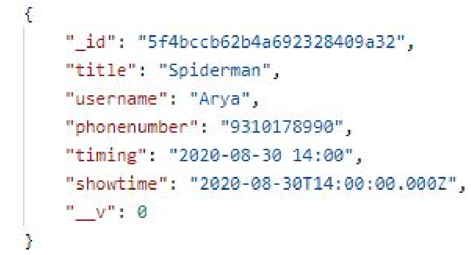
PATCH http://localhost:3000/update/5f4bccb62b4a692328409a32

```
{
    "timing": "2020-08-30 14:00"
}
```

```
{
    "n": 1,
    "nModified": 1,
    "ok": 1
}
```

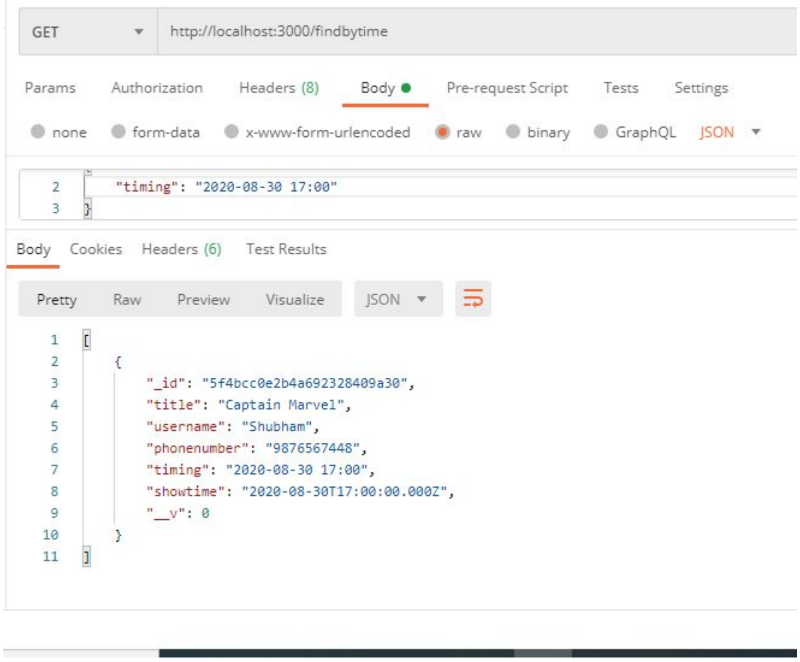
:

After Updation:



```
{
    "_id": "5f4bccb62b4a692328409a32",
    "title": "Spiderman",
    "username": "Arya",
    "phonenumber": "9310178990",
    "timing": "2020-08-30 14:00",
    "showtime": "2020-08-30T14:00:00.000Z",
    "__v": 0
}
```

4. *GET http://localhost:3000/findbytime*: An endpoint to view all the tickets for a particular time.

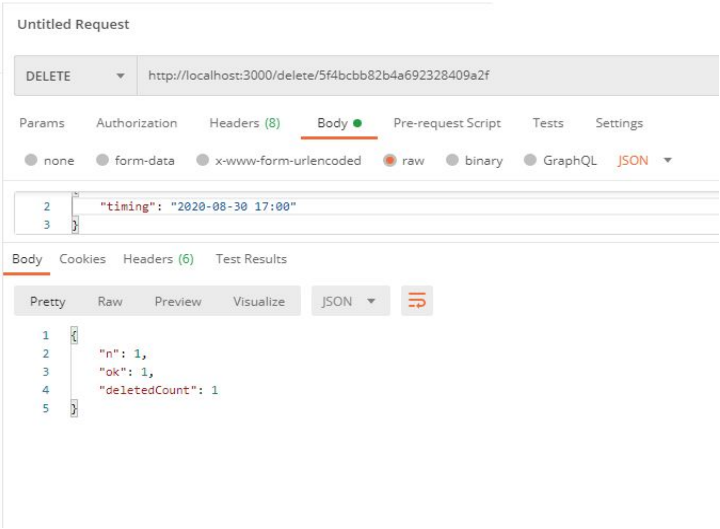


GET http://localhost:3000/findbytime

```
    "timing": "2020-08-30 17:00"
}
```

```
[
    {
        "_id": "5f4bcc0e2b4a692328409a30",
        "title": "Captain Marvel",
        "username": "Shubham",
        "phonenumber": "9876567448",
        "timing": "2020-08-30 17:00",
        "showtime": "2020-08-30T17:00:00.000Z",
        "__v": 0
    }
]
```

5. *DELETE http://localhost:3000/delete/:postId:* An endpoint to delete a particular ticket.
   Delete request:



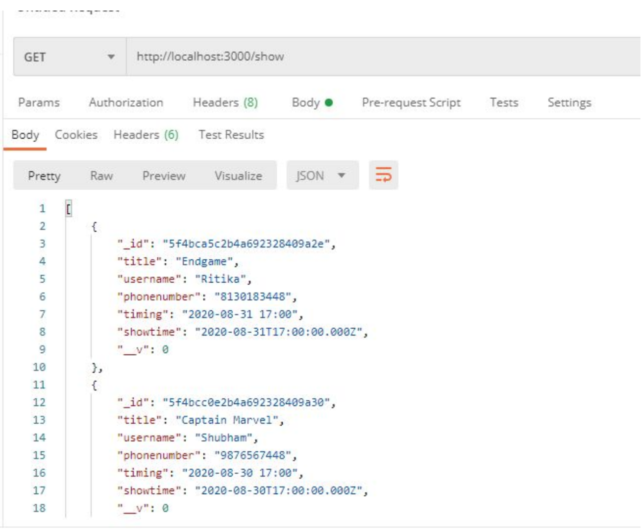
Untitled Request

DELETE http://localhost:3000/delete/5f4bcbb82b4a692328409a2f

```
    "timing": "2020-08-30 17:00"
}
```

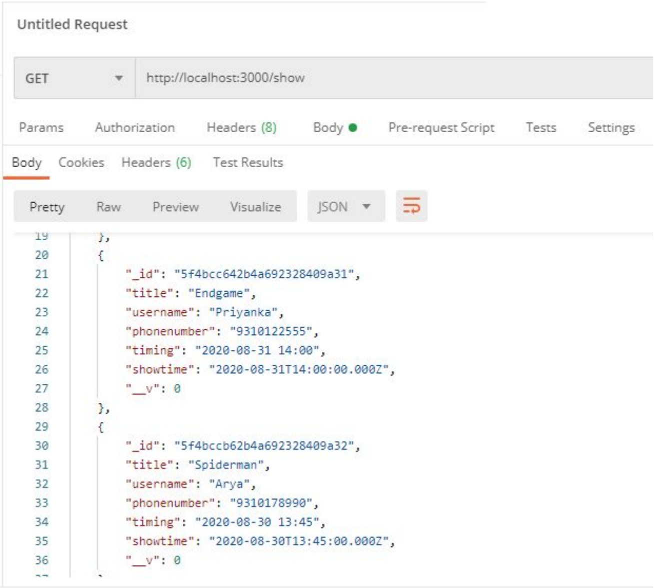
```
{
    "n": 1,
    "ok": 1,
    "deletedCount": 1
}
```

Entries left After Deletion:



GET http://localhost:3000/show

```
[
    {
        "_id": "5f4bca5c2b4a692328409a2e",
        "title": "Endgame",
        "username": "Ritika",
        "phonenumber": "8130183448",
        "timing": "2020-08-31 17:00",
        "showtime": "2020-08-31T17:00:00.000Z",
        "__v": 0
    },
    {
        "_id": "5f4bcc0e2b4a692328409a30",
        "title": "Captain Marvel",
        "username": "Shubham",
        "phonenumber": "9876567448",
        "timing": "2020-08-30 17:00",
        "showtime": "2020-08-30T17:00:00.000Z",
        "__v": 0
```

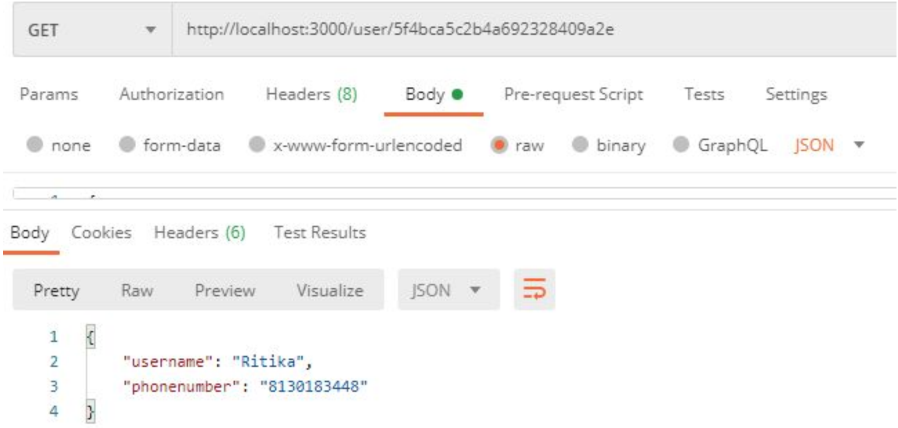


Untitled Request

GET http://localhost:3000/show

```
    },
    {
        "_id": "5f4bcc642b4a692328409a31",
        "title": "Endgame",
        "username": "Priyanka",
        "phonenumber": "9310122555",
        "timing": "2020-08-31 14:00",
        "showtime": "2020-08-31T14:00:00.000Z",
        "__v": 0
    },
    {
        "_id": "5f4bccb62b4a692328409a32",
        "title": "Spiderman",
        "username": "Arya",
        "phonenumber": "9310178990",
        "timing": "2020-08-30 13:45",
        "showtime": "2020-08-30T13:45:00.000Z",
        "__v": 0
```

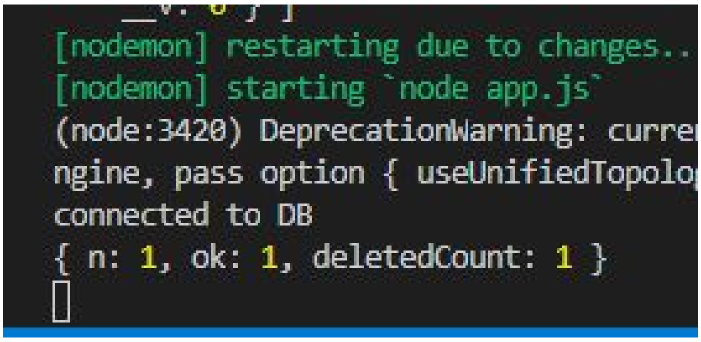
6. *GET http://localhost:3000/user/:postId:* An endpoint to view the user's details based on the ticket id.



GET http://localhost:3000/user/5f4bca5c2b4a692328409a2e

```
{
    "username": "Ritika",
    "phonenumber": "8130183448"
}
```

- **Cron-Job : deletes a ticket if there is a difference of 8 hours between the ticket timing and current timing.**



```
   __v: 0 } ]
[nodemon] restarting due to changes..
[nodemon] starting `node app.js`
(node:3420) DeprecationWarning: curre
ngine, pass option { useUnifiedTopolo
connected to DB
{ n: 1, ok: 1, deletedCount: 1 }
```

(As can be seen one entry has been deleted from the database automatically and this runs in every one minute gap.)