

# BOOKMYSHOW

## 1) Add New Movie

### Code-

```
@PostMapping("/Bookmyshow")
public Bookmyshow addMovie(@RequestBody Bookmyshow movie) {
    return bookmyshowRepository.save(movie);
}
```

The screenshot displays a REST client interface for a POST request to `localhost:8080/Bookmyshow`. The request body is a JSON object with the following structure:

```
{
  "city": [
    "Sri Ganganagar",
    "Delhi",
    "Chandigarh"
  ],
  "date": "2021-01-15T17:01:17.181Z",
  "id": "1",
  "name": "Ludo"
}
```

The response status is `200 OK`. The response body is also shown in the bottom panel, formatted as JSON:

```
{
  "id": "1",
  "name": "Ludo",
  "city": [
    "Sri Ganganagar",
    "Delhi",
    "Chandigarh"
  ],
  "date": "2021-01-15T17:01:17.181+00:00"
}
```

## 2) Delete A Movie

### CODE-

```
@DeleteMapping("/Bookmyshow/{id}")
public String deleteById(@PathVariable String id) {
    bookmyshowRepository.deleteById(id);
    return "Deletion Successful";
}
```

The screenshot displays a REST client interface with a dark theme. At the top, a tab titled 'Deletion of a movie' is active. Below it, the HTTP method 'DELETE' is selected from a dropdown, and the URL 'localhost:8080/Bookmyshow/1' is entered. The 'Params' tab is selected, showing a table for 'Query Params' with columns 'KEY', 'VALUE', and 'DESCRIPTION'. The table is currently empty. Below the 'Params' tab, the 'Body' tab is selected, showing a 'Text' response with the content '1 Deletion Successful'. The 'Status' field is visible on the right side of the 'Body' tab.

KEY	VALUE	DESCRIPTION
-----	-------	-------------

1 Deletion Successful

## 3) Get Movie By ID

### CODE-

```
@GetMapping("/Bookmyshow/{id}")
public Optional<Bookmyshow> getMovie(@PathVariable String id) {
```

```

    if (bookmyshowRepository.existsById(id)) {
        return bookmyshowRepository.findById(id);
    } else
        return Optional.empty();
}

```

► Get movie by id

GET localhost:8080/Bookmyshow/1

Params Authorization Headers (7) Body Pre-request Script Tests Settings

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (5) Test Results Status: 200 OK

Pretty Raw Preview Visualize JSON

```

1  {
2    "id": "1",
3    "name": "Ludo",
4    "city": [
5      "Sri Ganganagar",
6      "Delhi",
7      "Chandigarh"
8    ],
9    "date": "2021-01-15T17:01:17.181+00:00"
10 }

```

#### 4) Search movies by name

##### CODE-

```

@GetMapping("/Bookmyshow/movie/{movie}")
public Bookmyshow getMovieByName(@PathVariable String movie) {
    return bookmyshowRepository.findByName(movie);
}

```

}

Search movie by name

GET localhost:8080/Bookmyshow/movie/Ludo

Params Authorization Headers (7) Body Pre-request Script Tests Settings

Query Params

KEY	VALUE
Key	Value

Body Cookies Headers (5) Test Results

Pretty Raw Preview Visualize JSON

```
1  {
2    "id": "1",
3    "name": "Ludo",
4    "city": [
5      "Sri Ganganagar",
6      "Delhi",
7      "Chandigarh"
8    ],
9    "date": "2021-01-15T17:01:17.181+00:00"
10 }
```

## 5) Search movies by city name

### CODE-

```
@GetMapping("/Bookmyshow/city/{city}")
public List<Bookmyshow> getMoviesByCityName(@PathVariable String city) {
    List<Bookmyshow> BookmyshowList = new ArrayList<>();
```

```

bookmyshowRepository.findAll().forEach(Bookmyshow -> {
    List<String> showCities = Bookmyshow.getCity();
    if (showCities.contains(city)) {
        BookmyshowList.add(Bookmyshow);
    }
});

return BookmyshowList;
}

```

► Get movie names by city

GET localhost:8080/Bookmyshow/city/Delhi

Params Authorization Headers (7) Body Pre-request Script Tests Settings

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (5) Test Results Status: 200 OK

Pretty Raw Preview Visualize JSON

```

1 {
2   {
3     "id": "1",
4     "name": "Ludo",
5     "city": [
6       "Sri Ganganagar",
7       "Delhi",
8       "Chandigarh"
9     ],
10    "date": "2021-01-15T17:01:17.181+00:00"
11  }
12 }

```

DATABASE SCREENSHOTS-

couchbase-local > Documents

ADD DOCUMENT

Edit

Import

Dashboard

Servers

Buckets

XDCR

Security

Settings

Logs

Documents

Query

Indexes

Search

Views

Location bucket.scope.collection

Limit

Offset

Document ID

show range

N1QL WHERE

Retrieve Docs

couchbasedemo

\_default

\_default

10

0

optional...

optional...

1 Results for select meta().id from `couchbasedemo`.`\_default`,`\_default` data order by meta().id limit 10 offset 0

enable field editing

< prev batch | next batch

id

1

{  
 "date": "1610730077181",  
 "name": "Ludo",  
 "\_class": "com.example.au.couchbasedemo.model.Bookmyshow",  
 "city": ["Sri Ganganagar", "Delhi", "Chandigarh"]  
}

Warning: At least two servers with the data service are required to provide replication.

Windows Taskbar

Search: Type here to search

System Tray: 10:00, 22-02-2021