

RESTful API for a Bookstore Management System – Documentation

Setting up the project

1. Unzip the project
2. Open the folder in the desired IDE
3. Make sure node.js is installed in your computer
4. Run `npm i` command
5. Now setup a local MongoDB database with URL <mongodb://0.0.0.0:27017/bookstore>
6. Finally run node [index.js](#)

Table of Contents

Sl. No.	Title	Page No.
1	Adding a new book	2
2	Retrieving all books	4
3	Retrieving a specific book by ISBN	5
4	Updating book details	7
5	Deleting a book	9

1. Adding a new book

Endpoint: /books/addBook

Method: POST

Request:

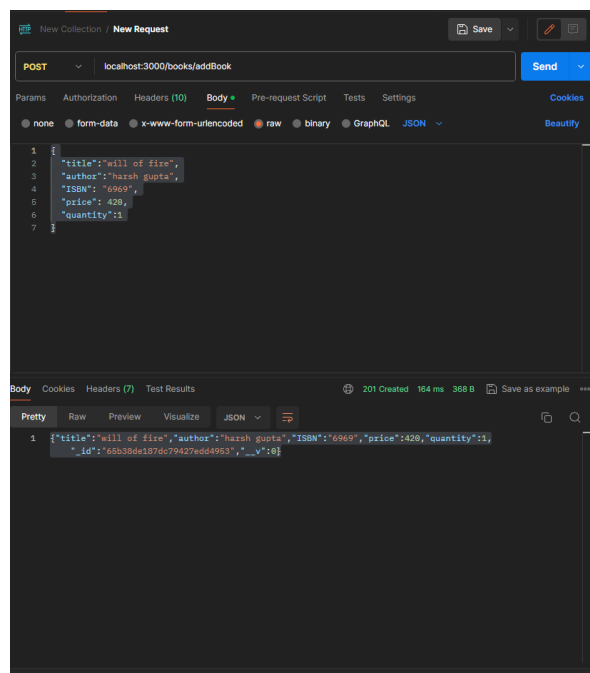
Body should contain JSON data with book details:

```
{
  "title": "will of fire",
  "author": "harsh gupta",
  "ISBN": "6969",
  "price": 420,
  "quantity": 1
}
```

Response:

Successful response (HTTP status code 201):

```
{"title": "will of fire", "author": "harsh gupta", "ISBN": "6969", "price": 420, "quantity": 1, "_id": "65b38de187dc79427edd4953", "v": 0}
```

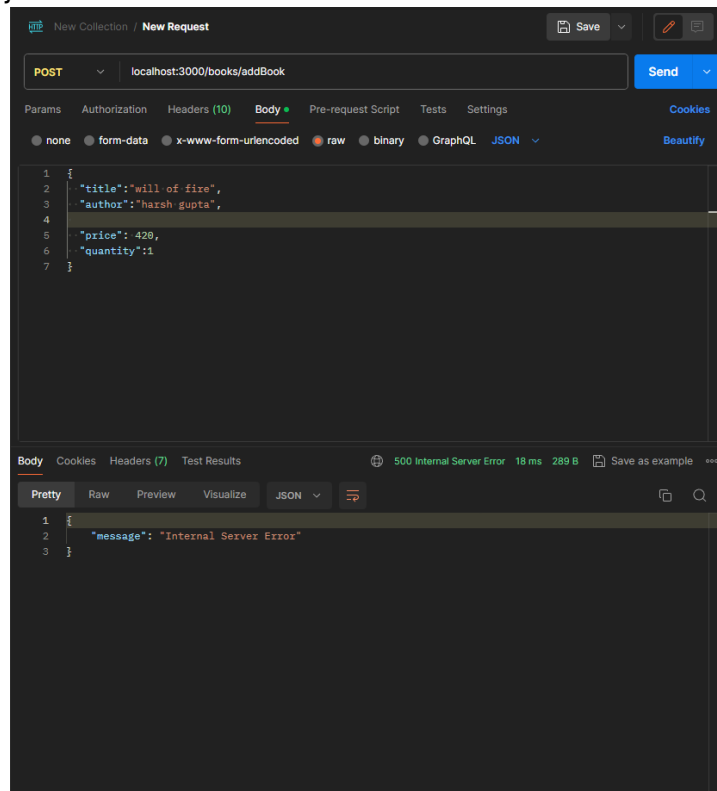


Error response (HTTP status code 500):

```
{  
  "message": "Internal server error"  
}
```

or

```
{  
  "message": "Error '{parameter}'"  
}
```



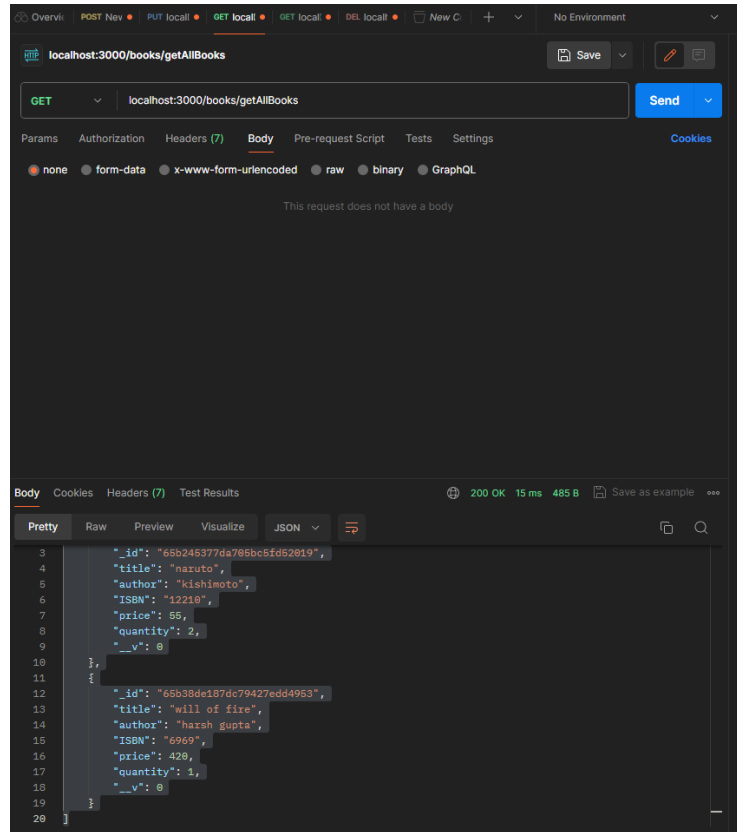
2. Retrieving all books

Endpoint: /books/getAllBooks

Method: GET

Response: Successful response (HTTP status code 200):

```
[
  {
    "_id": "65b245377da705bc5fd52019",
    "title": "naruto",
    "author": "kishimoto",
    "ISBN": "12210",
    "price": 55,
    "quantity": 2,
    "__v": 0
  },
  {
    "_id": "65b38de187dc79427edd4953",
    "title": "will of fire",
    "author": "harsh gupta",
    "ISBN": "6969",
    "price": 420,
    "quantity": 1,
    "__v": 0
  }
]
```



3. Retrieving a specific book by ISBN

Endpoint: /books/getBook/{isbn}

Method: GET

Path Parameters: *isbn*: ISBN number

of the book.

Response: Successful response (HTTP status code 200):

```
{
  "_id": "65b38de187dc79427edd4953",
  "title": "will of fire",
  "author": "harsh gupta",
  "ISBN": "6969",
```

```
    "price": 420,  
    "quantity": 1,  
    "__v": 0  
  }  
}
```

Overview POST New PUT local GET local GET local DEL local New C + No Environment

localhost:3000/books/getBook/6969 Save

GET localhost:3000/books/getBook/6969 Send

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

Query Params

	Key	Value	Description	...	Bulk Edit
	Key	Value	Description		

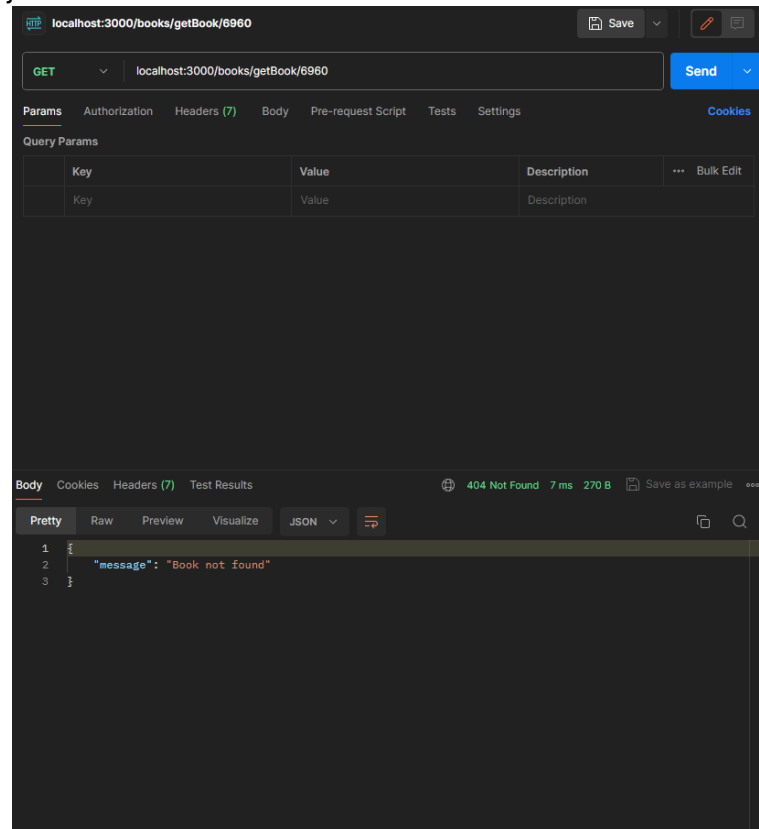
Body Cookies Headers (7) Test Results 200 OK 8 ms 363 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {  
2   "_id": "65b38de187dc79427edd4953",  
3   "title": "will of fire",  
4   "author": "harsh gupta",  
5   "ISBN": "6969",  
6   "price": 420,  
7   "quantity": 1,  
8   "__v": 0  
9 }
```

Error response (HTTP status code 404):

```
{  
  "message": "Book not found"  
}
```



4. Updating book details

Endpoint: /books/updateBook/{isbn}

Method: PUT

Path Parameters: *isbn*: ISBN number

of the book.

Request: Body should contain JSON data with updated book details.

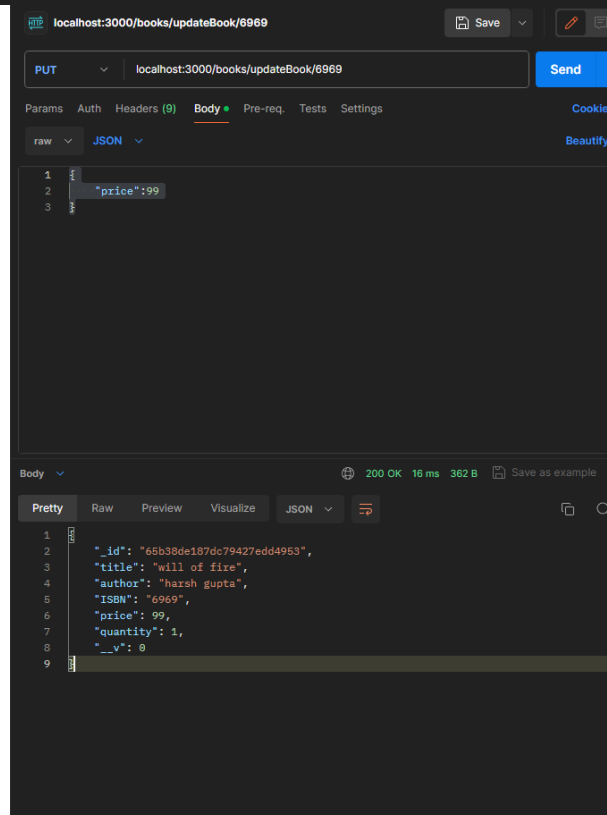
```
{  
  "price": 99  
}
```

```
}
```

Response:

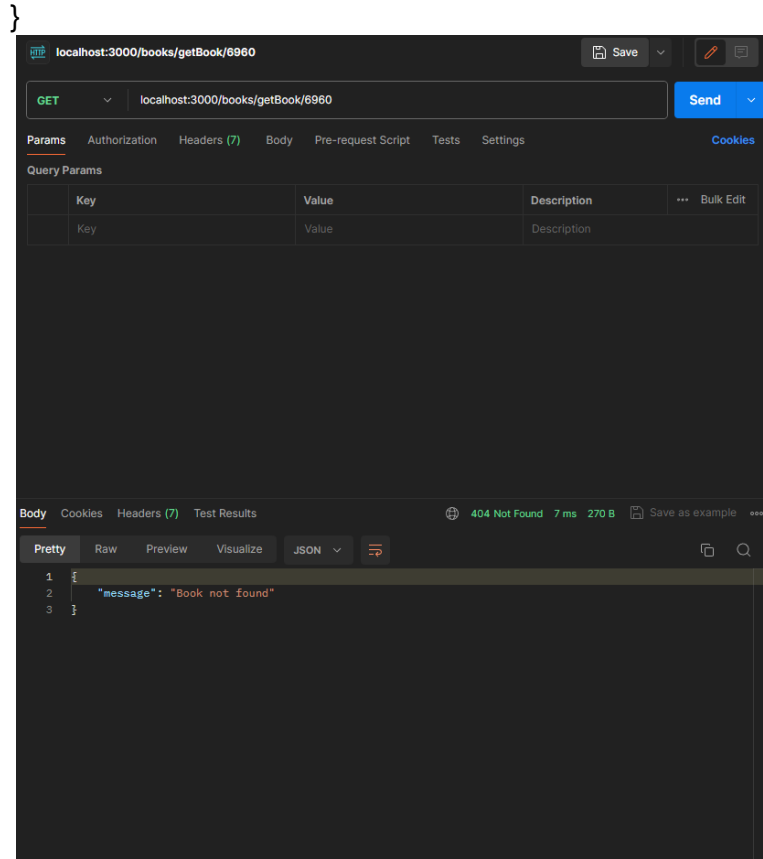
Successful response (HTTP status code 200):

```
{
  "_id": "65b38de187dc79427edd4953",
  "title": "will of fire",
  "author": "harsh gupta",
  "ISBN": "6969",
  "price": 99,
  "quantity": 1,
  "__v": 0
}
```



Error response (HTTP status code 404):

```
{
  "message": "Book not found"
}
```

5. Deleting a book

Endpoint: `/books/deleteBook/{isbn}`

Method: DELETE

Path Parameters:

isbn: ISBN number of the book.

Response:

Successful response (HTTP status code 200):

```
{
  "message": "Book deleted successfully",
  "book": {
    "_id": "65b38de187dc79427edd4953",
    "title": "will of fire",
    "author": "harsh gupta",
    "ISBN": "6969",
    "price": 99,
    "quantity": 1,
    "__v": 0
  }
}
```

PUT local GET local GET local DEL local No Environment

localhost:3000/books/deleteBook/6969 Save Send

DELETE localhost:3000/books/deleteBook/6969

Params Auth Headers (7) Body Pre-req. Tests Settings Cookies

Query Params

Key	Value	Description	Bulk Edit
Key	Value	Description	

Body 200 OK 7 ms 409 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "message": "Book deleted successfully",
3   "book": {
4     "_id": "65b38de187dc79427edd4953",
5     "title": "will of fire",
6     "author": "harsh gupta",
7     "ISBN": "6969",
8     "price": 99,
9     "quantity": 1,
10    "__v": 0
11  }
12 }
```