1. **Add a Book to Shelf**

POST https://localhost:8080/api/bookinshelf

|  |  |  |
| --- | --- | --- |
| argument | mean | comment |
| book | The id of a book | Long |
| bookshelf | The id of a bookshelf | Long |
| bookAttribute | required or optional | Boolean, is equal to isManditory |
| readState | Read or unread | Boolean, is equal to isVerified |

Example of add a book to shelf：

{“book”:1, “bookshelf”:1, ”bookAttribute”:1,”readState”: 0,”description”:”test”}

1. **Delete a Bookinshelf by id**

DELETE https://localhost:8080/api/bookinshelf/:book\_id

|  |  |  |
| --- | --- | --- |
| argument | mean | comment |
| book | The id of the book | Long |

Return the details of Bookinshelf that is just deleted with status=200：

{“book”:1}

1. **Get all the books in shelf = Get the bookshelf**

GET https://localhost:8080/api/bookinshelf

Return a list of Books in shelf with status=200：

|  |  |  |
| --- | --- | --- |
| argument | mean | comment |
| Page | Which page | Int |
| Size | How many items in one page | Int |
| sortBy | Id or others | String |

return the bookshelf and status = 200

Example of get a bookshelf：

{

…

"book\_in\_shelf\_collection": {

…book\_in\_shelf

},

"book\_sum":"100",

"user\_id":"33388491",

"bookshelf\_id":"6548683",

"id":605519800

}

}

1. **Get a Book in shelf by book\_id**

GET https://localhost:8080/api/bookinshelf/:book\_id

|  |  |  |
| --- | --- | --- |
| argument | mean | comment |
| book\_id | The id of the book | Long |

Return the details of Bookinshelf that is just deleted with status=200：

{“book\_id”:1}

1. **Update a Book in shelf by book\_id**

PUT https://localhost:8080/api/bookinshelf/:bookid

|  |  |  |
| --- | --- | --- |
| argument | mean | comment |
| book\_id | The id of the book | Long |

Return the details of Bookinshelf that is just deleted with status=200：

{“book\_id”:1}