**Create a new note**

POST https://localhost:8080/api/notes

|  |  |  |
| --- | --- | --- |
| argument | mean | comment |
|  |  |  |

Example of create a note：

{"title":"The art of computer program","content":"Nice book!","image":"image:"}

Return the details of note with status=200：

{"id":2,"title":"The art of computer program","content":"Nice book!"}

1. **Delete a note by id**

DELETE https://localhost:8080/api/notes/:id

|  |  |  |
| --- | --- | --- |
| argument | mean | comment |
|  |  |  |

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

{"id":2,"title":"The art of computer program","content":"Nice book!"}

1. **Update a note by id**

PUT https://localhost:8080/api/notes/:id

|  |  |  |
| --- | --- | --- |
| argument | mean | comment |
|  |  |  |

Return the details of note that is just updated with status=200：

{"id":2,"title":"The art of computer program","content":"Nice book!"}

1. **Get all of the Notes**

GET https://localhost:8080/api/notes

Return the all the details of note with status=200：

[{"id":2,"name":"Grade","value":"Grade one"},

{"id":3,"name":"Grade","value":"Grade one"}]

1. **Get a note list by the user id**

GET https://localhost:8080/api/users/:id/notes

Return the list of note with status=200：

[{"id":2}, {"id":3}]

1. **Get a note list by the book id**

GET https://localhost:8080/api/books/:id/notes

Return the list of note with status=200：

[{"id":2}, {"id":3}]

1. **Get a note list by the user id and book id**

GET https://localhost:8080/api/users/:userid/books/:bookid/notes

Return the list of note with status=200：

[{"id":2}, {"id":3}]