***BOOKSTORE APPLICATION***

***USER REGISTRATION API***

***SECTION A – AUTHENTICATION STEPS***

***GENERAL INFORMATION***

Use HTTP Basic Authentication (http://localhost:5000/user) for all the API calls.

Link for accessing the API:

https://url ( or ) https://ip:5000

The url/ip is same as your dashboard`s url/ip

***EXAMPLE***

( Get User API ) <https://url>

***CREDENTIALS***

The API credentials can be found on /settings

Username is “API Token”

Password is “API Key”

**NOTE –** In all the API calls if you want to get the Sub zones details using the top zones API Key and token you can post sub zones Use id.

**SECTION B – ADD USER API**

***GENERAL INFORMATION*** POST Method (registration):

To add a user send a post request to /user /register with the following data:

|  |  |  |
| --- | --- | --- |
| ***Key*** | ***Mandatory*** | ***Value*** |
| first Name | Yes | String |
| last Name | Yes | String |
| email | Yes | String |
| address | yes | String |
| password | yes | String |

***Sample Output***

{

"message": "User Registered Successfully", "data":

"eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpZF9rZXkiOjIyfQ.vwWGxlYh8A\_RhQpMBGJ\_HM9QLqS1Tsw62t6EcwB\_1TQ"

}

***Note***: Mail will sent to registered Email Id with token.

**SECTION C – Post user login (login)**

***GENERAL INFORMATION*** POST Method (login):

/user/login

Input:

|  |  |  |
| --- | --- | --- |
| ***key*** | ***Mandatory*** | ***Value*** |
| email | yes | String(abc123@gmail.com) |
| password | yes | String(Set what you want as password it should not already taken ) |

***Sample Output***

{

"message": "login successful ", "data":

{

"userId": 22,

"firstName": "Akshay",

"lastName": "Kumar",

"email": "akshaysportive@gmail.com",

"address": "Bangalore",

"password": "9154601535"

}

}

**SECTION D – GET ALL USERS OF AN ACCOUNT API**

***GENERAL INFORMATION*** GET Method:

/user/getAll

***Sample Output***

{

"message": "User retrieved successfully (:",

"data": [

{

"userId": 1,

"firstName": "Akshay",

"lastName": "kumar",

"email": akshaysportive@gmail.com,

"address": "bangalore",

"password": "560056"

},

{

"userId": 2,

"firstName": "Pavan",

"lastName": "Kumar",

"email": pavan123@gmail.com,

"address": "bangalore",

"password": "560056"

}

]}

**SECTION E – GET USER DETAILS by Token API**

***GENERAL INFORMATION***

GET Method:

/user/getAll/{token}

|  |  |  |
| --- | --- | --- |
| ***Argument*** | ***Mandatory*** | ***Value*** |
| Token | yes | String |

***Sample Output***

{"message": "User retrieved successfully (:",

"data": {

"userId": 1,

"firstName": "Akshay",

"lastName": "kumar",

"email": akshaysportive@gmail.com,

"address": "bangalore",

"password": "560056"

}

}

**SECTION E – GET USER DETAILS by Token API**

***GENERAL INFORMATION***

GET Method:

/user/update/{id}

|  |  |  |
| --- | --- | --- |
| ***Argument*** | ***Mandatory*** | ***Value*** |
| Id | yes | String |

***Sample input*** /user/update/2

{

"firstName":"Akshay",

"lastName":"kumar",

"email":"akshay@gmail.com",

"address":"bangalore",

"password":"aghhskk"

}

Data required to update:

|  |  |  |
| --- | --- | --- |
| ***Key(body)*** | ***Mandatory*** | ***Value*** |
| First Name | Yes | String |
| Last Name | Yes | String |
| Email | Yes | String |
| Address | Yes | String |
| password | Yes | String |

**Sample Output**

{"message": "User Record updated successfully (:",

"data": {

"userId": 1,

"firstName": "Akshay",

"lastName": "kumar",

"email": akshay@gmail.com,

"address": "bangalore",

"password": " aghhskk "

}}

***Book Store API***

***SECTION A***

***GENERAL INFORMATION***

Use HTTP Basic Authentication (http://localhost:5000/book) for all the API calls.

Link for accessing the API:

https://url ( or ) https://ip:5000

The url/ip is same as your dashboard`s url/ip

***EXAMPLE***

( Get Book API ) <https://url>

**NOTE –** In all the API calls if you want to get the Sub zones details using the top zones API Key and token you can post sub zones Use id.

**SECTION B – ADD Book API**

***GENERAL INFORMATION*** POST Method (Add Books):

To add a user send a post request to / book/insert with the following data:

|  |  |  |
| --- | --- | --- |
| ***Key*** | ***Mandatory*** | ***Value*** |
| Book Name | Yes | String |
| Author Name | Yes | String |
| Book Description | Yes | String |
| Book image | Yes | String |
| Price | Yes | Integer |
| Quantity | Yes | Integer |

***Sample Output***

{

    "message": "New Book Added in Book Store",

    "data": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpZF9rZXkiOjM4fQ.sdj1yh81OvfTaR1EocYTBctGW0WHvGInzrj2ENtDKsE"

}

***Note***: Mail will sent to registered Email Id with token.

**SECTION C – GET All Books**

***GENERAL INFORMATION*** GET Method:

/book/getAll

***Sample Output***

{

    "message": "Books retrieved successfully (:",

    "data": [

        {

            "bookId": 1,

            "bookName": "Rockettt",

            "authorName": "Kritin",

            "bookDescription": "read this",

            "bookImg": "Blue img",

            "price": 100,

            "quantity": 56

        },

        {

            "bookId": 2,

            "bookName": "Lost in space",

            "authorName": "Akshay",

            "bookDescription": "read this",

            "bookImg": "Blue",

            "price": 100,

            "quantity": 56

        }

]

}

**SECTION D – GET Book by Id using Token**

***GENERAL INFORMATION*** GET Method:

/book/getById/{token}

Input:

|  |  |  |
| --- | --- | --- |
| ***Parameter*** | ***Mandatory*** | ***Value*** |
| Token | Yes | String |

***Sample Output***

{

    "message": "Data retrieved successfully by id (:",

    "data": {

        "bookId": 38,

        "bookName": "Note",

        "authorName": "Pavan",

        "bookDescription": "Please read",

        "bookImg": "Blue color",

        "price": 100,

        "quantity": 15

    }

}

**SECTION E – DELETE Book by Token API**

***GENERAL INFORMATION***

DELETE Method:

/book/delete/{token}

|  |  |  |
| --- | --- | --- |
| ***Parameter*** | ***Mandatory*** | ***Value*** |
| Token | yes | String |

***Sample Output***

{

    "message": "Book Record deleted successfully",

    "data": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpZF9rZXkiOjM4fQ.sdj1yh81OvfTaR1EocYTBctGW0WHvGInzrj2ENtDKsE"

}

**SECTION F – UPDATE BOOK by Token API**

***GENERAL INFORMATION***

PUT Method:

/book/update/{token}

|  |  |  |
| --- | --- | --- |
| ***Parameter*** | ***Mandatory*** | ***Value*** |
| token | yes | String |

***Sample input*** /book/update/2

{

     "bookName":"Hello",

    "authorName":"Akshay",

    "bookDescription":"Please read",

    "bookImg":"Blue color",

   "price":100,

    "quantity":15

}

Data required to update:

|  |  |  |
| --- | --- | --- |
| ***Key(body)*** | ***Mandatory*** | ***Value*** |
| Book Name | Yes | String |
| Author Name | Yes | String |
| Book Description | Yes | String |
| Book Img | Yes | String |
| Price | Yes | Integer |
| Quantity | Yes | Integer |

***Sample Output***

{

    "message": " Book Record updated successfully by Id",

    "data": {

        "bookId": 40,

        "bookName": "Hello",

        "authorName": "Akshay",

        "bookDescription": "Please read",

        "bookImg": "Blue color",

        "price": 100,

        "quantity": 15

    }

}

***Cart API***

***SECTION A***

***GENERAL INFORMATION***

Use HTTP Basic Authentication (http://localhost:5000/cart) for all the API calls.

Link for accessing the API:

https://url ( or ) https://ip:5000

The url/ip is same as your dashboard`s url/ip

***EXAMPLE***

( Get cart API ) <https://url>

**NOTE –** In all the API calls if you want to get the Sub zones details using the top zones API Key and token you can post sub zones cart id.

**SECTION B – ADD cart API**

***GENERAL INFORMATION*** POST Method (Add Books):

To add a user send a post request to / cart/create with the following data:

|  |  |  |
| --- | --- | --- |
| ***Key*** | ***Mandatory*** | ***Value*** |
| User Id | Yes | String |
| Book id | Yes | String |
| Quantity | Yes | String |

***Sample Output***

{

    "message": "cart Added successfully !",

    "data": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpZF9rZXkiOjQxfQ.T-yB2H8LsARc0uHDLsoN264gl37eBD5bgN4XfrER4-g"

}

***Note***: Mail will sent to registered Email Id with token.

**SECTION C – GET All CART details by using Token**

***GENERAL INFORMATION*** GET Method:

/cart/getAll/{token}

Input:

|  |  |  |
| --- | --- | --- |
| ***Parameter*** | ***Mandatory*** | ***Value*** |
| Token | Yes | String |

***Sample Output***

{

    "message": "Get call Success",

    "data": [

        {

            "cartId": 15,

            "user": {

                "userId": 1,

                "firstName": "Akshay",

                "lastName": "Kumar",

                "email": "akshaysportive@gmail.com",

                "address": "girinagar",

                "password": "kqtvikegkryzjixa"

            },

            "book": {

                "bookId": 3,

                "bookName": "Lost in space",

                "authorName": "Akshay",

                "bookDescription": "read this",

                "bookImg": "Blue",

                "price": 100,

                "quantity": 56

            },

            "quantity": 2

        },

        {

            "cartId": 16,

            "user": {

                "userId": 1,

                "firstName": "Akshay",

                "lastName": "Kumar",

                "email": "akshaysportive@gmail.com",

                "address": "girinagar",

                "password": "kqtvikegkryzjixa"

            },

            "book": {

                "bookId": 5,

                "bookName": "Fighting Robots",

                "authorName": "Kv Ram",

                "bookDescription": "read this",

                "bookImg": "Robots",

                "price": 100,

                "quantity": 16

            },

            "quantity": 2

        },

        {

            "cartId": 17,

            "user": {

                "userId": 1,

                "firstName": "Akshay",

                "lastName": "Kumar",

                "email": "akshaysportive@gmail.com",

                "address": "girinagar",

                "password": "kqtvikegkryzjixa"

            },

            "book": {

                "bookId": 5,

                "bookName": "Fighting Robots",

                "authorName": "Kv Ram",

                "bookDescription": "read this",

                "bookImg": "Robots",

                "price": 100,

                "quantity": 16

            },

            "quantity": 2

        }

]

}

**SECTION D – GET Cart by Id using Token**

***GENERAL INFORMATION*** GET Method:

/cart/getById/{token}

Input:

|  |  |  |
| --- | --- | --- |
| ***Parameter*** | ***Mandatory*** | ***Value*** |
| Token | Yes | String |

***Sample Output***

{

    "message": "Cart details retrieved successfully",

    "data": {

        "cartId": 41,

        "user": {

            "userId": 1,

            "firstName": "Akshay",

            "lastName": "Kumar",

            "email": "akshaysportive@gmail.com",

            "address": "girinagar",

            "password": "kqtvikegkryzjixa"

        },

        "book": {

            "bookId": 2,

            "bookName": "Rockettt",

            "authorName": "Kritin",

            "bookDescription": "read this",

            "bookImg": "Blue img",

            "price": 100,

            "quantity": 56

        },

        "quantity": 8

    }

}

**SECTION E – DELETE Cart by Token API**

***GENERAL INFORMATION***

DELETE Method:

/cart/delete/{token}

|  |  |  |
| --- | --- | --- |
| ***Parameter*** | ***Mandatory*** | ***Value*** |
| Token | yes | String |

***Sample Output***

{

    "message": "Cart delete successfully",

    "data": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpZF9rZXkiOjQxfQ.T-yB2H8LsARc0uHDLsoN264gl37eBD5bgN4XfrER4-g"

}

**SECTION F – UPDATE Cart by Token API**

***GENERAL INFORMATION***

PUT Method:

/cart/updateById/{token}

|  |  |  |
| --- | --- | --- |
| ***Parameter*** | ***Mandatory*** | ***Value*** |
| token | yes | String |

***Sample input*** /cart/updateById/{token}

{

    "userId":"1",

   "bookId":"3",

   "quantity":"8"

}

Data required to update:

|  |  |  |
| --- | --- | --- |
| ***Key(body)*** | ***Mandatory*** | ***Value*** |
| User Id | Yes | String |
| Book Id | Yes | String |
| Quantity | Yes | Integer |

***Sample Output***

{

    "message": " Cart Record updated successfully by Id",

    "data": {

        "cartId": 41,

        "user": {

            "userId": 1,

            "firstName": "Akshay",

            "lastName": "Kumar",

            "email": "akshaysportive@gmail.com",

            "address": "girinagar",

            "password": "kqtvikegkryzjixa"

        },

        "book": {

            "bookId": 3,

            "bookName": "Lost in space",

            "authorName": "Akshay",

            "bookDescription": "read this",

            "bookImg": "Blue",

            "price": 100,

            "quantity": 56

        },

        "quantity": 8

    }

}

***Order API***

***SECTION A***

***GENERAL INFORMATION***

Use HTTP Basic Authentication (http://localhost:5000/order) for all the API calls.

Link for accessing the API:

https://url ( or ) https://ip:5000

The url/ip is same as your dashboard`s url/ip

***EXAMPLE***

(Get cart API) <https://url>

**NOTE –** In all the API calls if you want to get the Sub zones details using the top zones API Key and token you can post sub zones cart id.

**SECTION B – ADD Order API**

***GENERAL INFORMATION*** POST Method (Insert Order):

To add a user send a post request to / order/insert with the following data:

|  |  |  |
| --- | --- | --- |
| ***Key*** | ***Mandatory*** | ***Value*** |
| Quantity | Yes | Integer |
| Address | Yes | String |
| User Id | Yes | Integer |
| Book Id | Yes | Integer |
| Price | Yes | Integer |

***Sample Output***

{"message": "Order placed successfully !",

"data": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpZF9rZXkiOjIzfQ.qQSel0rDRPPtQdAsPZJOe85Bn2V1LfjLQ2c1toMGUQg"}

***Note***: Mail will sent to registered Email Id with token.

**SECTION C – GET All Order details by using Token**

***GENERAL INFORMATION*** GET Method:

/order/getAllOrders/{token}

Input:

|  |  |  |
| --- | --- | --- |
| ***Parameter*** | ***Mandatory*** | ***Value*** |
| Token | Yes | String |

***Sample Output***

{

"message": "All records retrieved successfully !",

"data": [

{

"orderID": 23,

"date": "2022-07-21",

"price": 500,

"quantity": 1,

"address": "Bangaloor",

"user": {

"userId": 4,

"firstName": "Vishaka",

"lastName": "Kadem",

"email": "vishaka@gmail.com",

"address": "Hyadrabad",

"password": "9999999999"

},

"book": {

"bookId": 19,

"bookName": "First",

"authorName": "Sameer",

"bookDescription": "1",

"bookImg": "2",

"price": 500,

"quantity": 0

},

"cancel": true

},

{

"orderID": 24,

"date": "2022-07-21",

"price": 500,

"quantity": 1,

"address": "Hydrabad",

"user": {

"userId": 5,

"firstName": "Sam",

"lastName": "syed",

"email": null,

"address": "HNo:22-313,SSR Nagar,Nandikotkur",

"password": "830967"

},

"book": {

"bookId": 19,

"bookName": "First",

"authorName": "Sameer",

"bookDescription": "1",

"bookImg": "2",

"price": 500,

"quantity": 0

},

"cancel": true

},

{

"orderID": 27,

"date": "2022-07-21",

"price": 600,

"quantity": 1,

"address": "Hydrabad",

"user": {

"userId": 6,

"firstName": "Sam",

"lastName": "syed",

"email": "sam@gmail.com",

"address": "HNo:22-313,SSR Nagar,Nandikotkur",

"password": "830967"

},

"book": {

"bookId": 25,

"bookName": "Second",

"authorName": "Akshay",

"bookDescription": "6",

"bookImg": "5",

"price": 600,

"quantity": 2

},

"cancel": true

}

]

}

**SECTION D – GET Order by Id using Token**

***GENERAL INFORMATION*** GET Method:

/order/getById/{token}

Input:

|  |  |  |
| --- | --- | --- |
| ***Parameter*** | ***Mandatory*** | ***Value*** |
| Token | Yes | String |

***Sample Output***

{

"message": "Get record by Id retrieved successfully !",

"data": {

"orderID": 23,

"date": "2022-07-21",

"price": 500,

"quantity": 1,

"address": "Bangaloor",

"user": {

"userId": 4,

"firstName": "Vishaka",

"lastName": "Kadem",

"email": "vishaka@gmail.com",

"address": "Hyadrabad",

"password": "9999999999"

},

"book": {

"bookId": 19,

"bookName": "First",

"authorName": "Sameer",

"bookDescription": "1",

"bookImg": "2",

"price": 500,

"quantity": 0

},

"cancel": true

}

**SECTION E – Cancel Order by Token API**

***GENERAL INFORMATION***

PUT Method:

/order/cancelOrder/{token}/{userId}

|  |  |  |
| --- | --- | --- |
| ***Parameter*** | ***Mandatory*** | ***Value*** |
| token | yes | String |
| use Id | Yes | Integer |

***Sample Output {***

"message": "Cancel order successfully !

"data": {

"orderID": 23,

"date": "2022-07-21",

"price": 500,

"quantity": 1,

"address": "Bangalore",

"user": {

"userId": 4,

"firstName": "Vishaka",

"lastName": "Kadem",

"email": "vishaka@gmail.com",

"address": "Hyadrabad",

"password": "9999999999"

},

"book": {

"bookId": 19,

"bookName": "First",

"authorName": "Sameer",

"bookDescription": "1",

"bookImg": "2",

"price": 500,

"quantity": 0

},

"cancel": true

}