**API DOCUMENTATION**

Run the Dot Net Core Application using Visual Studio 2017 and check for the URL that it is running. A default window will open in Google Chrome with the following URL in it <https://localhost:44364/api/values>

Here after the API the Controller value is showing and next is the endpoint. Currently we are releasing the endpoint which is described below.

***Action: To Login***

Controller Name: **Login**

EndPoint: **LoginAuthentication**

URL: <https://localhost:44364/api/Login/LoginAuthentication>

***Request Body:***

{

"UserID":"54402",

"Password":"@abcd1234"

}

***Response Body:***

{

"userID": "54402",

"firstName": "Kunal",

"middleName": "",

"lastName": "Mukherjee",

"userRole": "ADMIN"

}

Available Users in the List:

|  |  |
| --- | --- |
| UserName | Password |
| 54403 | @abcd1234 |
| 54402 | @abcd1234 |
| 54401 | @abcd1234 |
| 4401 | @abcd1234 |
| 4501 | @abcd1234 |
| 4502 | @abcd1234 |

***Action: To Get the Product List from Database***

Controller Name: **Product**

EndPoint: **GetProductList**

URL: <https://localhost:44364/api/Product/GetProductList>

***Request Body:***

Not Applicable

***Response Body:***

[

{

"productID": 1,

"productName": "ARNI SILK",

"billingName": "PAS-001",

"type": "Saree",

"gst": 5,

"hsnCode": 5007

},

{

"productID": 2,

"productName": "ART DOPIEN WITH WORK",

"billingName": "ADWW-002",

"type": "Saree",

"gst": 5,

"hsnCode": 5407

},

{

"productID": 3,

"productName": "ASSAM SILK",

"billingName": "AS-003",

"type": "Saree",

"gst": 5,

"hsnCode": 5007

}

]

***Action: To Generate Barcode and Lotting***

Controller Name: **Inventory**

EndPoint: **GenerateBarcodeByLot**

URL: https://localhost:44364/api/Inventory/GenerateBarcodeByLot

***Request Body:***

{

"ProductID":"20",

"Quantity":"50"

}

***Response Body:***

[

{

"lotNumber": "1",

"productID": "21",

"barcodeNumber": "0210001010519001",

"lotDate": "01-May-19 03:42:39"

},

{

"lotNumber": "1",

"productID": "21",

"barcodeNumber": "0210001010519002",

"lotDate": "01-May-19 03:42:39"

},

{

"lotNumber": "1",

"productID": "21",

"barcodeNumber": "0210001010519003",

"lotDate": "01-May-19 03:42:39"

}

]