

Backend Developer KeyValue Module

Module Type: Backend

Module Vendor Name: TechnicalTest

Module Name: KeyValue

Support Magento Version: Magento Version 2.4

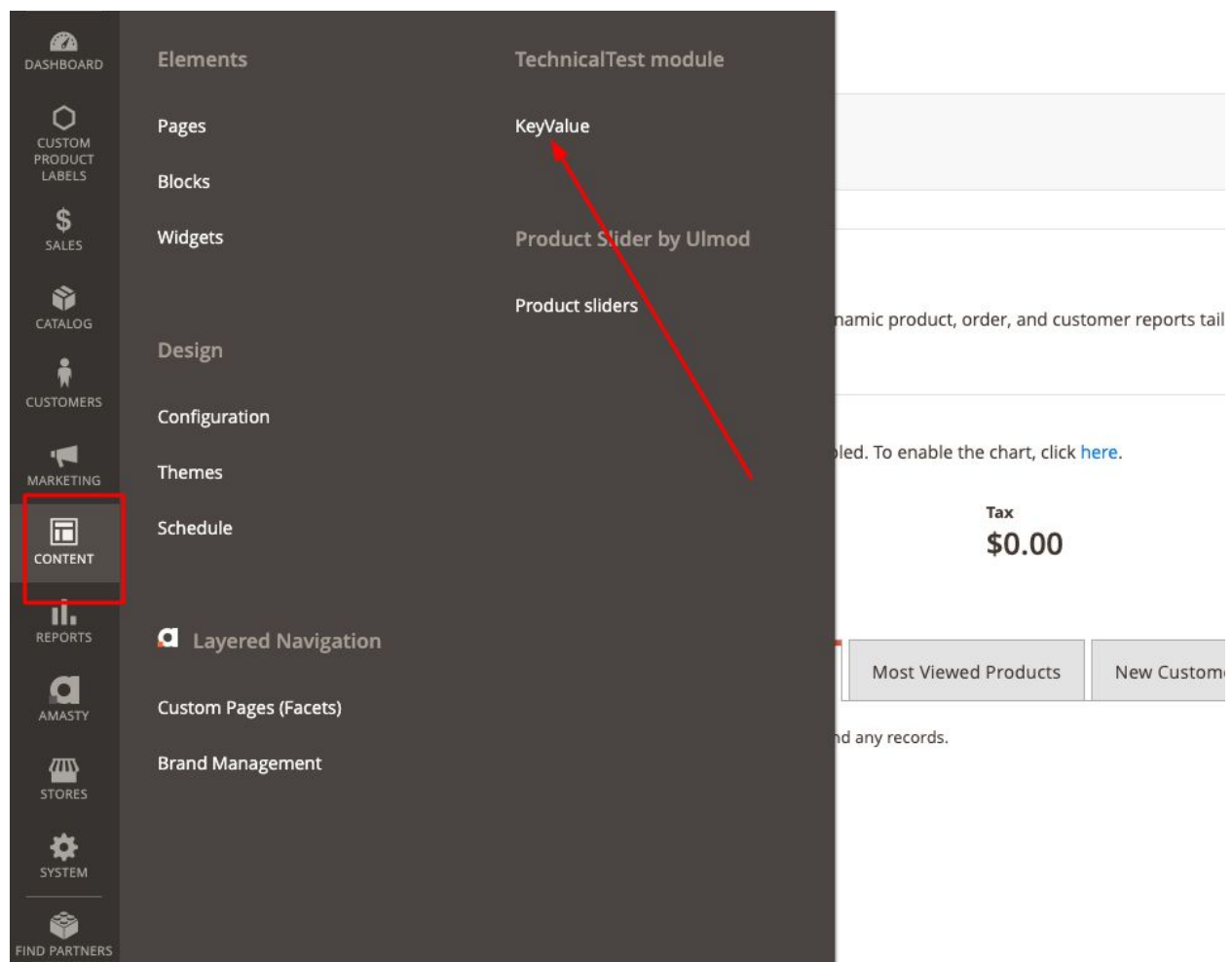
Used Editor: Sublime Text

All the API Link: <https://www.getpostman.com/collections/ccd5d6ee2cd9dd503280>

Case M1.1) Magento Admin Customization

It should add a “KeyValue” menu on CONTENT section.

comment: Yes, I have added the “KeyValue Module on content” See the screenshot



Case M1.1.2)

When we click on KeyValue link it should list all data.

comment: Yes, It's done as per the below screenshot. I have used mass delete action.

Manage Keyvalue 🔍 🔔 7 👤 okay ▾

[Add New KeyValue](#)

🔍 Filters 👁 Default View ▾ ⚙ Columns ▾ 📄 Export ▾

ID code value

from

to

[Cancel](#) [Apply Filters](#)

Actions ▾ 5 records found 20 ▾ per page < 1 of 1 >

Delete

	ID	code	value	Action
<input type="checkbox"/>	10	first-key	First-key	Edit
<input type="checkbox"/>	11	second-key	Second-key	Edit
<input type="checkbox"/>	12	third-key	Third-key	Edit
<input type="checkbox"/>	13	four-key	Four-key	Edit
<input type="checkbox"/>	14	five-key	Five-key	Edit

Case M1.1.3)

In the screenshots, we have id, code, value fields.

Admin should be able to search with a particular code and perform operations.

comment: Yes, Admin can search using code,value

Manage Keyvalue

Search 7 okay ▾

Add New KeyValue

Search by keyword



Filters

Default View ▾

Columns ▾

Export ▾

Active filters: code: first-key ✕

Clear all

Actions ▾

1 records found

20 ▾

per page

<

1

of 1

>

<input type="checkbox"/>	ID	code	value	Action
<input type="checkbox"/>	10	first-key	First-key	Edit

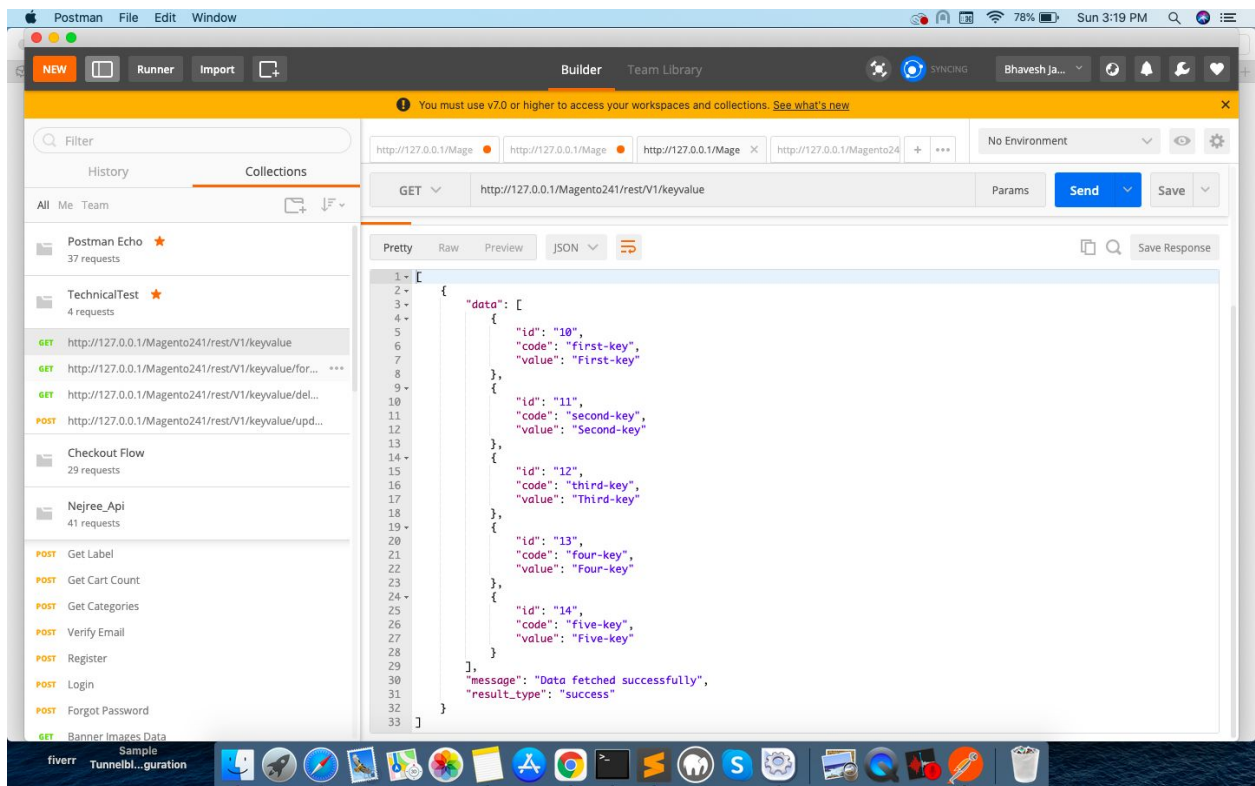
Copyright © 2021 Magento Commerce Inc. All rights reserved.

Magento ver. 2.4.1

[Privacy Policy](#) | [Report an Issue](#)

CaseM.2) Api Customization

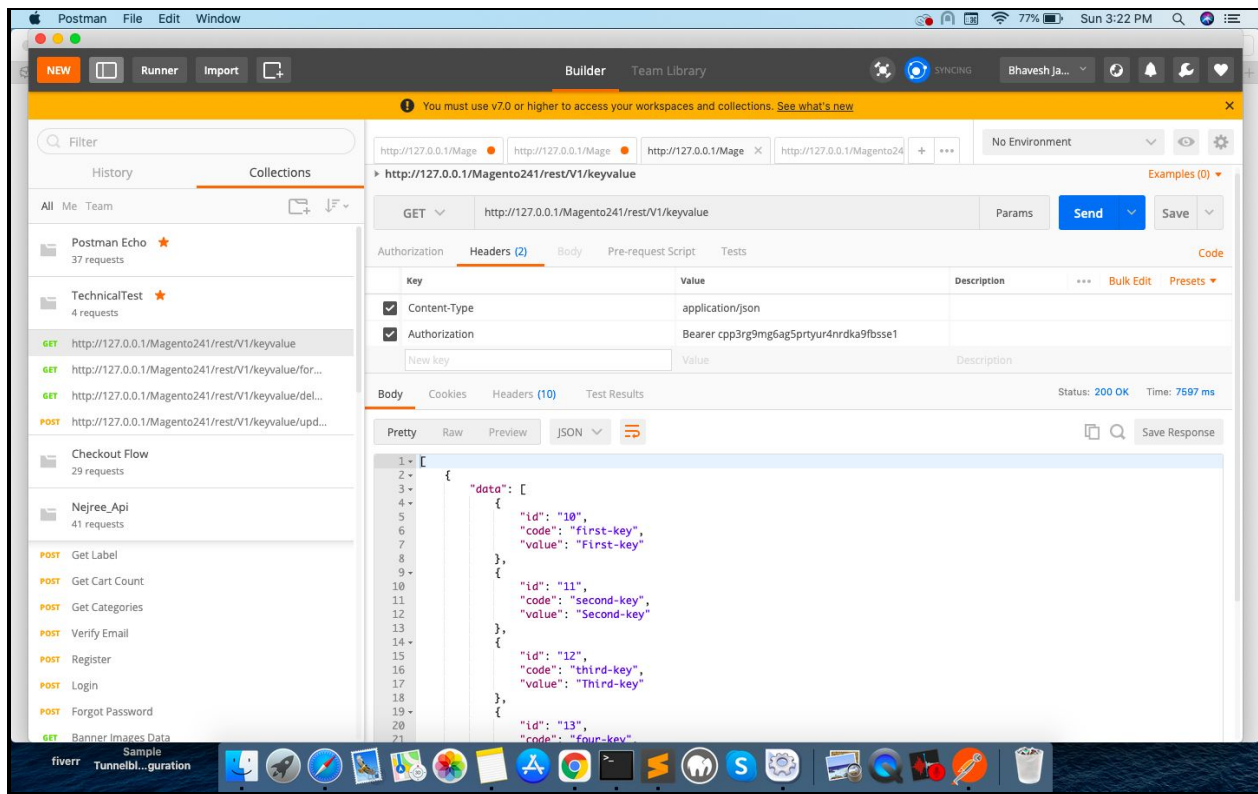
Same module to expose API's as below



Case M.2.1)

GET request to
<http://magento2.local/rest/default/V1/keyvalue>
should list “all” data

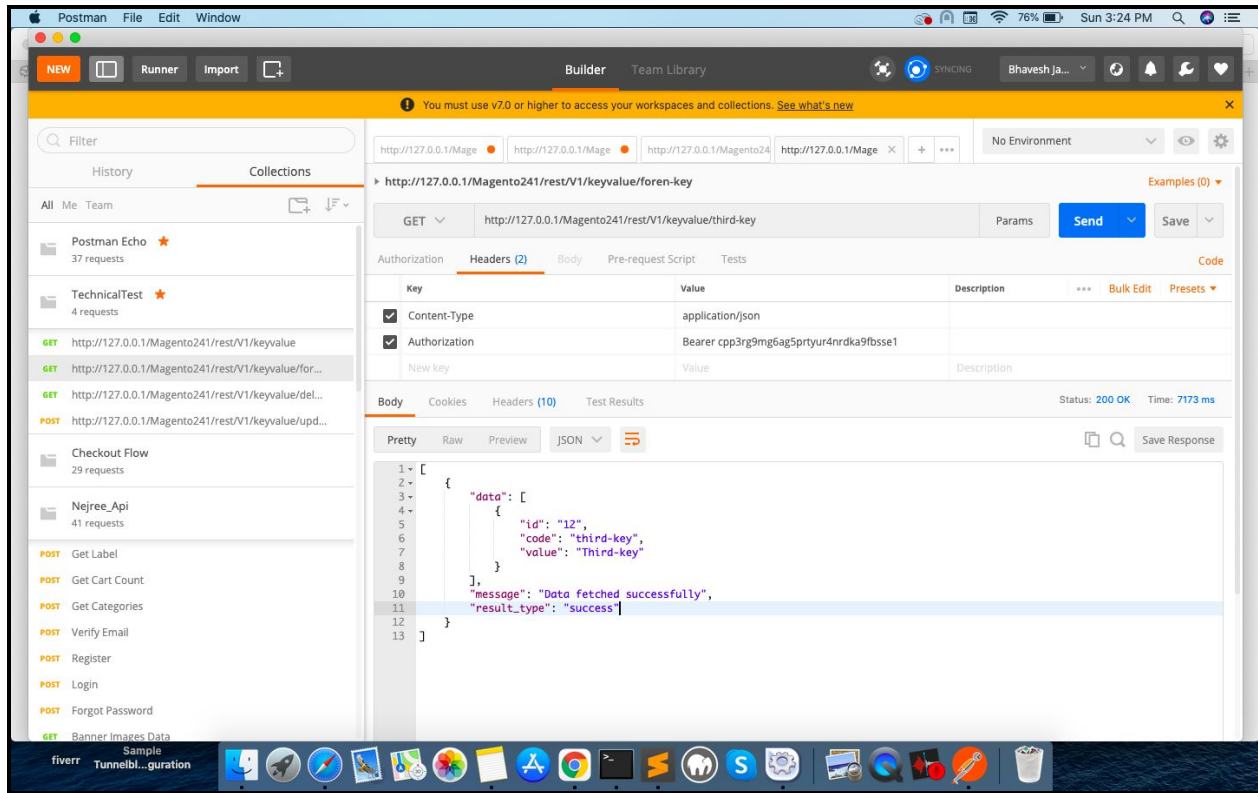
API Link: <http://127.0.0.1/Magento241/rest/V1/keyvalue>



Case M.2.2)

GET request to
<http://magento2.local/rest/default/V1/keyvalue/{code}>
should get data with that CODE

API Link: <http://127.0.0.1/Magento241/rest/V1/keyvalue/third-key>

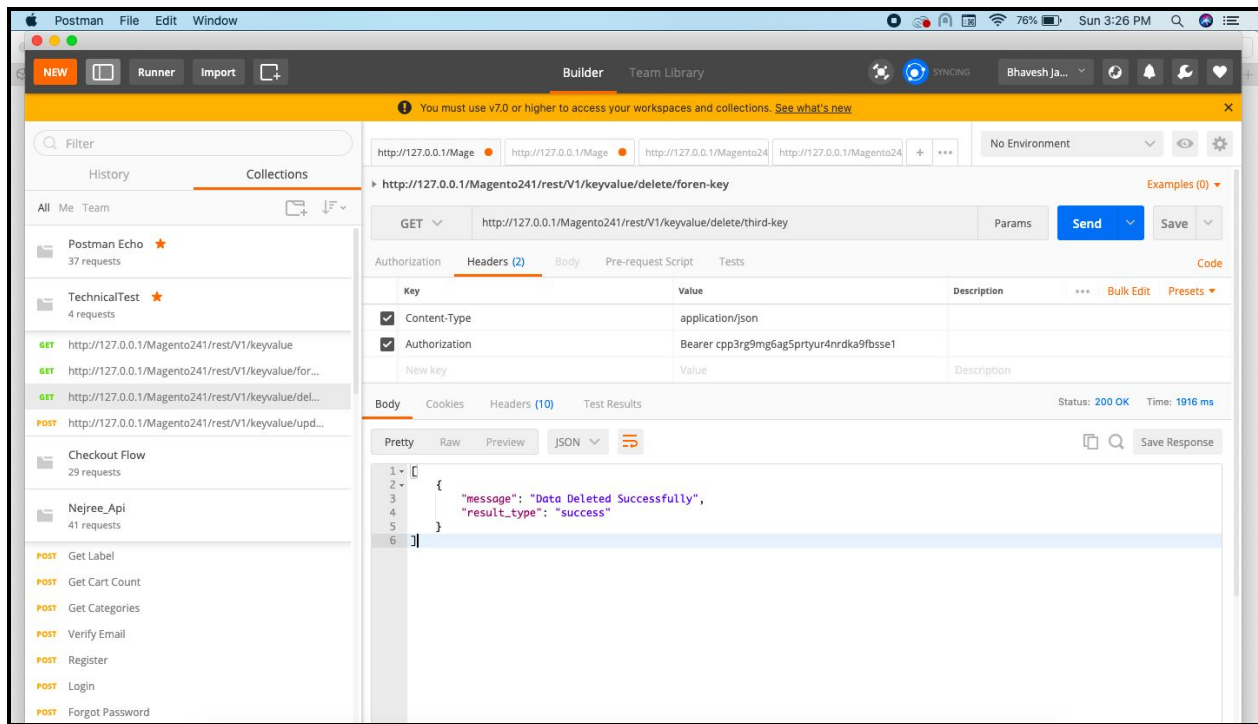


Case M.2.3)

DELETE request to

<http://magento2.local/rest/default/V1/keyvalue/{code}> should delete by CODE

API Link: <http://127.0.0.1/Magento241/rest/V1/keyvalue/delete/third-key>



Case M.2.4)

POST request to <http://magento2.local/rest/default/V1/keyvalue>

```
BODY {
  "code" => "third-key",
  "value" => "Third Key"
}
```

You'd better make the update async. If you do it this way, it will be a plus for you. If you do async you can use rabbitmq or magento db queue.

Comment: I have used general Rest API

API Link: <http://127.0.0.1/Magento241/rest/V1/keyvalue/update>

