API URL:

[https://staging-component-library.azurewebsites.net](https://staging-component-library.azurewebsites.net/materials/)

API URL remains constant for all the API interactions.

Material

1.View Material details given a material code:

|  |  |
| --- | --- |
| Request Type | GET |
| End Point | <API URL>/materials/<material code> |
| Headers | Name: Authorization  Value: Bearer <Token> |

Example

URL: [https://staging-component-library.azurewebsites.net/materials](https://staging-component-library.azurewebsites.net/materials/)/MAL020214

Sample Data material\_code should be : MAL020214, MAL020216, MAL020217

2. Search Materials with a keyword (Material group/Material classification level 2 is optional)

|  |  |
| --- | --- |
| Request Type | GET |
| End Point | <API URL>/external/materials?searchKeyword=<search\_key>&pageNumber=<page\_number>&MaterialLevel2=<material\_group> |
| Headers | Name: Authorization  Value: Bearer <Token> |

Example

URL: [https://staging-component-library.azurewebsites.net/external/materials/?searchKeyword=Cabinetry&pageNumber=1&MaterialLevel2=Kitchen](https://staging-component-library.azurewebsites.net/materials/?searchKeyword=fur&pageNumber=1&MaterialLevel2=Furniture)

3. Transactional system (Fugue) can update Last Purchase rate and Wt. Average Purchase rate of a Material

|  |  |
| --- | --- |
| Request Type | PUT |
| End Point | <API URL>/updatematerialrate |
| Headers | Name: Authorization  Value: Bearer <Token> |
| Body | {"MaterialCode":"<material\_code>",  "LastPurchaseRate": {"Amount": "<amount>","Currency": "<currency>"}  "WeightedAveragePurchaseRate":{"Amount": "<amount>", "Currency":"<currency>"}} |

Example:

URL: <https://staging-component-library.azurewebsites.net/updatematerialrate>

Body: {"MaterialCode":"MAL020214", "LastPurchaseRate":{"Amount": "100.24","Currency": "USD"} "WeightedAveragePurchaseRate":{"Amount": "123.35", "Currency":"USD"}}

Sample Data material\_code should be : MAL020214, MAL020216, MAL020217

4. Retrieve landed rate for a given material for a location and type of purchase (on a specified date)

|  |  |
| --- | --- |
| Request Type | GET |
| End Point | <API URL>/material-landed-rates?materialId=<material\_code>&location=<location>&currency=<currency>&onDate=<date>&typeOfPurchase=<type\_of\_purchase> |
| Headers | Name: Authorization  Value: Bearer <Token> |

Example:

URL: [https://staging-component-library.azurewebsites.net/material-landed-rates?materialId=MAL020214&location=Bangalore&currency=INR&onDate=2017-08-24T00%3A00%3A00%2B5%3A30&typeOfPurchase=Import](https://staging-component-library.azurewebsites.net/material-landed-rates?materialId=FRN000002&location=Hyderabad&currency=INR&onDate=2017-04-22T00%253A00%253A00%252B5%253A30&typeOfPurchase=IMPORT)

Sample Data: Material code- MAL020214, MAL020215

Date should be greater than : 10th August 2017,

Date shoud be in ISO format example:2017-04-22T00%3A00%3A00%2B5%3A30,

Currency : INR only

Place: Hyderabad,Bangalore

Type of purchase: Domestic Inter-state, Import ,Domestic Intra-state

5.Retrieve the average landed rate for a material at a location (on a specified date)

|  |  |
| --- | --- |
| Request Type | GET |
| End Point | <API URL>/material-landed-rates?materialId=<material\_code>&location=<location>&currency=<currency>&onDate=<date>&typeOfPurchase=<type\_of\_purchase> |
| Headers | Name: Authorization  Value: Bearer <Token> |

Example:

URL:<https://staging-component-library.azurewebsites.net/material-average-landed-rates?materialId=FRN000002&location=Hyderabad&currency=INR&onDate=2017-04-22T00%3A00%3A00%2B5%3A30>

Sample Data:

Material code- MAL020214, MAL020215

Date should be greater than : 1st April,2017

Date shoud be in ISO format example:2017-08-22T00%3A00%3A00%2B5%3A30

Currency : INR only

Place: Hyderabad,Bangalore

Type of purchase: Domestic Inter-state, Import ,Domestic Intra-state

**Service**

1.View Service details given a service code:

|  |  |
| --- | --- |
| Request Type | GET |
| End Point | <API URL>/services/<service code> |
| Headers | Name: Authorization  Value: Bearer <Token> |

Example

URL: [https://staging-component-library.azurewebsites.net/](https://staging-component-library.azurewebsites.net/materials/)services/SFL000444

Sample Data service\_code should be : SFL000444, SFL000445

2. Search services with a keyword (service group/service classification level 2 is optional)

|  |  |
| --- | --- |
| Request Type | GET |
| End Point | <API URL>/services?searchKeyword=<search\_key>&pageNumber=<page\_number>&ServiceLevel1=<service\_group> |
| Headers | Name: Authorization  Value: Bearer <Token> |

Example

URL: [https://staging-component-library.azurewebsites.net/services/?searchKeyword=mas&pageNumber=1&serviceLevel1=Masonry %26 Plaster](https://staging-component-library.azurewebsites.net/materials/?searchKeyword=fur&pageNumber=1&MaterialLevel2=Furniture)

3. Transactional system (Fugue) can update Last Purchase rate and Wt. Average Purchase rate of a service

|  |  |
| --- | --- |
| Request Type | PUT |
| End Point | <API URL>/services/<service\_id>/rates |
| Headers | Name: Authorization  Value: Bearer <Token> |
| Body | {  "LastPurchaseRate": {"Amount": "<amount>","Currency": "<currency>"}  "WeightedAveragePurchaseRate":{"Amount": "<amount>", "Currency":"<currency>"}} |

Example:

URL:  [https://staging-component-library.azurewebsites.net](https://staging-component-library.azurewebsites.net/updatematerialrate)/services/SFL000444/rates

Body: { "LastPurchaseRate":{"Amount": "100.24","Currency": "USD"} "WeightedAveragePurchaseRate":{"Amount": "123.35", "Currency":"USD"}}

Sample Data service\_code should be : SFL000444, SFL000445

4. Retrieve landed rate for a given service for a location and type of purchase (on a specified date)

|  |  |
| --- | --- |
| Request Type | GET |
| End Point | <API URL>/service-landed-rates?serviceId=<service\_code>&location=<location>&currency=<currency>&onDate=<date>&typeOfPurchase=<type\_of\_purchase> |
| Headers | Name: Authorization  Value: Bearer <Token> |

Example:

URL: https://staging-component-library.azurewebsites.net/service-rates?serviceId=SFL000444&location=Bangalore&typeOfPurchase=Domestic Inter-state&on=2017-08-22T00:00:00%2B5:30

Sample Data: service code- SFL000444, SFL000444

Date should be greater than : 10st August,2017 date shoud be in ISO format example:2017-08-22T00%3A00%3A00%2B5%3A30

Currency : INR only

Place: Hyderabad,Bangalore

Type of purchase: Domestic Inter-state, Import ,Domestic Intra-state

5.Retrieve the average landed rate for a service at a location (on a specified date)

|  |  |
| --- | --- |
| Request Type | GET |
| End Point | <API URL>/service-landed-rates?serviceId=<service\_code>&location=<location>&currency=<currency>&onDate=<date>&typeOfPurchase=<type\_of\_purchase> |
| Headers | Name: Authorization  Value: Bearer <Token> |

Example:

URL:[https://staging-component-library.azurewebsites.net/service-average-landed-rates?serviceId=FRN000002&location=Hyderabad&currency=INR&onDate=2017-04-22T00%3A00%3A00%2B5%3A30](https://staging-component-library.azurewebsites.net/material-average-landed-rates?materialId=FRN000002&location=Hyderabad&currency=INR&onDate=2017-04-22T00%3A00%3A00%2B5%3A30)

Sample Data: service code- SFL000444, SFL000444

Date should be greater than : 1st April,2017

Date should be in ISO format example:2017-04-22T00%3A00%3A00%2B5%3A3

Currency : INR only

Place: Hyderabad,Bangalore

Type of purchase: Domestic Inter-state, Import ,Domestic Intra-state

SFG

1.View sfg details given a sfg code:

|  |  |
| --- | --- |
| Request Type | GET |
| End Point | <API URL>/sfgs/<sfg code> |
| Headers | Name: Authorization  Value: Bearer <Token> |

Example

URL:https://staging-component-library.azurewebsites.net/sfgs/GMP000005

Sample Data sfg\_code should be :

2. Search sfgs with a keyword

|  |  |
| --- | --- |
| Request Type | GET |
| End Point | <API URL>/sfgs?searchKeyword=<search\_key>&pageNumber=<page\_number> |
| Headers | Name: Authorization  Value: Bearer <Token> |

Example

URL: https://staging-component-library.azurewebsites.net/sfgs?searchKeyword=Masonry&pageNumber=2

3. Transactional system (Fugue) can update Last Purchase rate and Wt. Average Purchase rate of a sfg

|  |  |
| --- | --- |
| Request Type | PUT |
| End Point | <API URL>/sfgs/<sfg\_id>/rates |
| Headers | Name: Authorization  Value: Bearer <Token> |
| Body | {  "LastPurchaseRate": {"Amount": "<amount>","Currency": "<currency>"}  "WeightedAveragePurchaseRate":{"Amount": "<amount>", "Currency":"<currency>"}} |

Example:

URL:  [https://staging-component-library.azurewebsites.net](https://staging-component-library.azurewebsites.net/updatematerialrate)/sfgs/GMP000005/rates

Body: { "LastPurchaseRate":{"Amount": "100.24","Currency": "USD"} "WeightedAveragePurchaseRate":{"Amount": "123.35", "Currency":"USD"}}

Sample Data sfg\_code should be : GMP000005, GMP000006

4. Retrieve cost for a given sfg for a location and type of purchase (on a specified date)

|  |  |
| --- | --- |
| Request Type | GET |
| End Point | <API URL>/sfgs/GMP000005/cost?location=Bangalore&appliedOn=2017-08-03T18:30:00Z |
| Headers | Name: Authorization  Value: Bearer <Token> |

Example:

URL:

https://staging-component-library.azurewebsites.net/sfgs/GMP000005/cost?location=Bangalore&appliedOn=2017-08-03T18:30:00Z

Sample Data: sfg code- GMP000005, GMP000001

Date should be greater than : 10 Aug 2017

Date should be in ISO format example:2017-04-22T00%3A00%3A00%2B5%3A30

Currency : INR only

Packages:

1.View package details given a package code:

|  |  |
| --- | --- |
| Request Type | GET |
| End Point | <API URL>/packages/<package code> |
| Headers | Name: Authorization  Value: Bearer <Token> |

Example

URL: [https://staging-component-library.azurewebsites.net/](https://staging-component-library.azurewebsites.net/materials/)packages/PHV0001

Sample Data package\_code should be : PHV0001, PHV0002

2. Search packages with a keyword

|  |  |
| --- | --- |
| Request Type | GET |
| End Point | <API URL>/packages?searchKeyword=<search\_key>&pageNumber=<page\_number> |
| Headers | Name: Authorization  Value: Bearer <Token> |

Example

URL: https://staging-component-library.azurewebsites.net/external/packages/?searchKeyword=split&pageNumber=1

3. Transactional system (Fugue) can update Last Purchase rate and Wt. Average Purchase rate of a package

|  |  |
| --- | --- |
| Request Type | PUT |
| End Point | <API URL>/packages/<package\_id>/rates |
| Headers | Name: Authorization  Value: Bearer <Token> |
| Body | {  "LastPurchaseRate": {"Amount": "<amount>","Currency": "<currency>"}  "WeightedAveragePurchaseRate":{"Amount": "<amount>", "Currency":"<currency>"}} |

Example:

URL:  [https://staging-component-library.azurewebsites.net](https://staging-component-library.azurewebsites.net/updatematerialrate)/packages/PHV0001/rates

Body: { "LastPurchaseRate":{"Amount": "100.24","Currency": "USD"} "WeightedAveragePurchaseRate":{"Amount": "123.35", "Currency":"USD"}}

Sample Data package\_code should be : PHV0001, PHV0002

4. Retrieve cost for a given package for a location and type of purchase (on a specified date)

|  |  |
| --- | --- |
| Request Type | GET |
| End Point | <API URL>/packages/GMP000001/cost?location=Bangalore&appliedOn=2017-08-03T18:30:00Z |
| Headers | Name: Authorization  Value: Bearer <Token> |

Example:

URL:

https://staging-component-library.azurewebsites.net/sfgs/GMP000005/cost?location=Bangalore&appliedOn=2017-08-03T18:30:00Z

Sample Data: sfg code- GMP000005, GMP000001

Date should be greater than : 10 Aug 2017

Date should be in ISO format example:2017-04-22T00%3A00%3A00%2B5%3A30

Place: Hyderabad,Bangalore

Checklist and StaticFile

1. Given a checklist name, retrieve the Checklist data

|  |  |
| --- | --- |
| Request Type | GET |
| End Point | <API URL>/check-lists/<checklistname> |
| Headers | Name: Authorization  Value: Bearer <Token> |

Example

URL:<https://staging-component-library.azurewebsites.net/check-lists/MFRQ0001>

Sample data: checklist name should be MGPO01,MFRQ0001

2. Retrieve a Static File by its name from Component Library Database

|  |  |
| --- | --- |
| Request Type | GET |
| End Point | <API URL>/[static-file](https://staging-component-library.azurewebsites.net/static-file?name=MFRI00001.jpg)/<staticfiletname> |
| Headers | Name: Authorization  Value: Bearer <Token> |

Example

URL:<https://staging-component-library.azurewebsites.net/static-file?name=MFRI00001.jpg>

Sample data: static filename should be - MFRI00001.jpg, MFRI00002.jpg, MFRI00003.jpg