Documentation Settings   ▼

PVP21

CashFlow's Different API endpoints.

CashBox API

POST http://host:port/prefix/open (http://host:port/prefix/open) Will open the cashbox. If the cashbox is already open, nothing happens.

GET http://host:port/prefix/status (http://host:port/prefix/status) Will return OPEN or CLOSED depending on the state of the cashbox.

GET Cashbox status

    http://localhost:9001/cashbox/status

Gets the CashBox Status.

HEADERS

Content-Type

application/json

PARAMS

q

hästar

BODY raw

```
{
    "name": "Pekka"
}
```

Example Request   Cashbox status

```
curl --location --request GET 'http://localhost:9001/cashbox/status' \
--data-raw '{
    "name": "Pekka"
}'
```

POST CashBox open

    http://localhost:9001/cashbox/open

Sends a POST request to open the CashBox.

HEADERS

Content-Type

application/json

PARAMS

q

hästar

BODY raw

```
{
    "name": "Pekka"
}
```

Example Request   CashBox open

```
curl --location --request POST 'http://localhost:9001/cashbox/open' \
--data-raw '{
    "name": "Pekka"
}'
```

CardReader API

POST http://host:port/prefix/waitForPayment (http://host:port/prefix/waitForPayment) Places the card

reader in payment mode, i.e. the customer can insert the card, etc. The POST request requires an
amount form parameter containing the amount to charge from the card. If the card reader is not in the
IDLE mode, nothing happens.

POST http://host:port/prefix/abort (http://host:port/prefix/abort) Aborts the WAITING_FOR_PAYMENT
operation. If the card reader is idle, nothing happens.

GET http://host:port/prefix/status (http://host:port/prefix/status) Will return IDLE,
WAITING_FOR_PAYMENT or DONE depending on the state of the card reader.

GET http://host:port/prefix/result (http://host:port/prefix/result) When the card reader is in the DONE
state, this will return the result of the last payment operation in XML:

1234567890123456 ACCEPTED 1234567890123456 INSUFFICIENT_FUNDS DEBIT

All of the elements in the result XML are optional. The possible bonus states are ACCEPTED and
UNSUPPORTED_CARD. The possible payment states are ACCEPTED, INSUFFICIENT_FUNDS,
UNSUPPORTED_CARD, INVALID_PIN and NETWORK_ERROR. The possible payment card types are
CREDIT and DEBIT. This URL is to be polled by the card reader client. If the card reader is not in the
DONE state, NO_CONTENT is returned.

POST http://host:port/prefix/reset (http://host:port/prefix/reset) When the card reader is in the DONE
state, this will clear the result and reset the card reader to the IDLE state.

GET GET Status

    http://localhost:9002/cardreader/status

Gets the status of the Card Reader.

BODY urlencoded

Example Request   GET Status

```
curl --location --request GET 'http://localhost:9002/cardreader/status'
```

GET GET Swipe Result

    http://localhost:9002/cardreader/result

Gets the result of a successful card swipe.

☰   Documentation Settings   ▼

Example Request   GET Swipe Result

```
curl --location --request GET 'http://localhost:9002/cardreader/result'
```

POST POST Reset Card Reader

    http://localhost:9002/cardreader/reset

POSTs a request to reset the Card Reader.

Example Request   POST Reset Card Reader

```
curl --location --request POST 'http://localhost:9002/cardreader/reset'
```

POST POST Abort Payment

    http://localhost:9002/cardreader/abort

POSTs a request to reset the Card Reader.

Example Request   POST Abort Payment

```
curl --location --request POST 'http://localhost:9002/cardreader/abort'
```

POST POST Wait For Payment

    http://localhost:9002/cardreader/waitForPayment

POSTs the payment sum to the Card Reader.

PARAMS

amount

10

BODY urlencoded

amount

50

Example Request   POST Wait For Payment

```
curl --location --request POST 'http://localhost:9002/cardreader/waitForPayment' \
--data-urlencode 'amount=50'
```

Product Catalog API

Requests to the Product Catalog API.

GET Find by Barcode

http://localhost:9003/rest/findByBarCode/

Case Sensitive.

Example Request   Find by Barcode

```
curl --location --request GET 'http://localhost:9003/rest/findByBarCode/'
```

GET Find by Keyword

http://localhost:9003/rest/findByKeyword/Diary

Case Sensitive. Accepts only whole keywords.

☰

Documentation Settings ▾

Example Request

Find by Keyword

```
curl --location --request GET 'http://localhost:9003/rest/findByKeyword/Diary'
```

GET Find by Name

```
http://localhost:9003/rest/findByName/*
```

Case insensitive, asterisks (*) are used as wildcards.

Example Request

Find by Name

```
curl --location --request GET 'http://localhost:9003/rest/findByName/*'
```

Backend API

Backend that takes requests regarding Customers, Sales and Products.

Products

Product request types for the backend API.

GET Get All Products

```
http://localhost:8080/api/productcatalog
```

Returns all Products from the Product Catalog in JSON format.

☰   Documentation Settings   ▼

Example Request   Get All Products

```
curl --location --request GET 'http://localhost:8080/api/productcatalog'
```

POST Set Bonus Discount

> http://localhost:8080/api/product/discount

Allows for setting discount to a Product or a list of Products.

HEADERS

Content-Type

application/json

PARAMS

BODY raw

```
{
    "discount": 0.50,
    "from": 0,
    "until": 1734207966141,
    "products": [88, 999],
    "bonusOnly": true
}
```

Example Request   Set Bonus Discount

```
curl --location --request POST 'http://localhost:8080/api/product/discount' \
--header 'Content-Type: application/json' \
--data-raw '{
    "discount": 0.50,
    "from": 0,
    "until": 1734207966141,
    "products": [88, 999],
    "bonusOnly": true
```

```
    }'
```

POST Set Product Discount

http://localhost:8080/api/product/discount

HEADERS

Content-Type

application/json

PARAMS

BODY raw

```
{
    "discount": 0.50,
    "from": 0,
    "until": 1734207966141,
    "products": [88, 999],
    "bonusOnly": false
}
```

Example Request   Set Product Discount

```
curl --location --request POST 'http://localhost:8080/api/product/discount' \
--header 'Content-Type: application/json' \
--data-raw '{
    "discount": 0.50,
    "from": 0,
    "until": 1734207966141,
    "products": [88, 999],
    "bonusOnly": false
}'
```

POST Set Discount by Keyword

http://localhost:8080/api/product/discount

Sets a user specified discount to all Products with given keyword.

HEADERS

Content-Type

application/json

PARAMS

BODY raw

```
{
    "discount": 0.50,
    "from": 0,
    "until": 1734207966141,
    "keyword": "Fruit",
    "bonusOnly": false
}
```

Example Request   Set Discount by Keyword

```
curl --location --request POST 'http://localhost:8080/api/product/discount' \
--header 'Content-Type: application/json' \
--data-raw '{
    "discount": 0.50,
    "from": 0,
    "until": 1734207966141,
    "keyword": "Fruit",
    "bonusOnly": false
}'
```

POST Set Product Price

http://localhost:8080/api/product/54353/price

Updates the price of an existing Product.

HEADERS

Content-Type

application/json

BODY raw

☰   Documentation Settings   ▼

```
{
    "price": 66.60
}
```

Example Request   Set Product Price

```
curl --location --request POST 'http://localhost:8080/api/product/54353/price' \
--header 'Content-Type: application/json' \
--data-raw '{
    "price": 66.60
}'
```

GET Get product by barcode

    http://localhost:8080/api/productcatalog/barcode/999

Requests a Product with a unique bar code.

HEADERS

Content-Type

application/json

Example Request   Get product by barcode

```
curl --location --request GET 'http://localhost:8080/api/productcatalog/barcode/999'
```

GET Get product by Keyword

    http://localhost:8080/api/productcatalog/keyword/{keyword}

Requests a Products with given Keyword.

HEADERS

Content-Type

application/json

Example Request   Get product by Keyword

```
curl --location -g --request GET 'http://localhost:8080/api/productcatalog/keyword/{keyword}'
```

GET Get product by Name

http://localhost:8080/api/productcatalog/name/{name}

Requests a Products with given Name.

HEADERS

Content-Type

application/json

Example Request   Get product by Name

```
curl --location -g --request GET 'http://localhost:8080/api/productcatalog/name/{name}'
```

Customer

Customer request types for the backend API.

GET Get Customer By Id

No request URL found. It will show up here once added.

Requests a Customer with the given Id.

≡   Documentation Settings   ▼

Example Request   Get Customer By Id

```
curl --location --request GET ''
```

GET Get Customer Bonus Card

> No request URL found. It will show up here once added.

http://localhost:9004/rest/findByBonusCard/CardNumber/GoodThruYear/GoodThruMonth
(http://localhost:9004/rest/findByBonusCard/CardNumber/GoodThruYear/GoodThruMonth)

Example Request   Get Customer Bonus Card

```
curl --location --request GET ''
```

Sales

Sales requests.

GET Get Sales By Date

> http://localhost:8080/api/sales/bydate

Requests all sold products for the given date.

Example Request   Get Sales By Date

```
curl --location --request GET 'http://localhost:8080/api/sales/bydate'
```

☰

POST Post Sale

    http://localhost:8080/api/sale

Makes a Post request containing Sales data to the backend.

HEADERS

Content-Type

application/json

BODY raw

```json
{
    "sales": [
        {
            "productId": 1, "price": 4, "barCode": 55, "name": "Pepsi", "vat": 30, "keyword": "Bewrag
        }
    ],
    "customer": 1
}
```

Example Request   Post Sale

```
curl --location --request POST 'http://localhost:8080/api/sale' \
--header 'Content-Type: application/json' \
--data-raw '{
    "sales": [
        {
            "productId": 1, "price": 4, "barCode": 55, "name": "Pepsi", "vat": 30, "keyword": "Bewrage
        }
    ],
    "customer": 1                                   View More
}'
```

GET Get Sale By Customer

    http://localhost:8080/api/sales/1

Retrieves all Sales data associated with the given Customer ID.

☰   Documentation Settings   ▼

HEADERS

Content-Type

application/json

Example Request   Get Sale By Customer

```
curl --location --request GET 'http://localhost:8080/api/sales/1' \
--header 'Content-Type: application/json'
```

GET Get Popular By Date

```
http://localhost:8080/api/popular/1633986000-1634504400
```

Retrieves all Sold Products from given date range. Dates are in Unix MS format.

HEADERS

Content-Type

application/json

Example Request   Get Popular By Date

```
curl --location --request GET 'http://localhost:8080/api/popular/1633986000-1634504400'
```

Customer Register API

Requests to the Customer Register API.

GET Find by Customer no

http://localhost:9004/rest/findByCustomerNo/1

☰   Documentation Settings   ▼

Finds a Customer with given ID.

Example Request   Find by Customer no

```
curl --location --request GET 'http://localhost:9004/rest/findByCustomerNo/1'
```

GET Find by Bonus Card

http://localhost:9004/rest/findByBonusCard/11/21/6

Finds a customer with given Bonus Card ID.

Example Request   Find by Bonus Card