Ming Commerce API Document

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MingCommerce 백엔드 API 문서입니다.

JIRA :

MingCommerce (https://ming-commerce.atlassian.net/jira/software/projects/MING/boards/4/roadmap)

GIT :

Github (https://github.com/ming-veloper/ming-commerce)

MingCommerce 백엔드 API 문서입니다.

JIRA :

MingCommerce

Member

회원 등록

Curl request

```bash
$ curl 'http://localhost:8080/api/members/register' -i -X POST \
    -H 'Content-Type: application/json;charset=UTF-8' \
    -d '{"email":"test@gmail.com","password":"helloTester!@#","memberName":"tester"}'
```

HTTP request

```http
POST /api/members/register HTTP/1.1
Content-Type: application/json;charset=UTF-8
Content-Length: 76
Host: localhost:8080

{"email":"test@gmail.com","password":"helloTester!@#","memberName":"tester"}
```

HTTP response

```http
HTTP/1.1 201 Created
Vary: Origin
Vary: Access-Control-Request-Method
Vary: Access-Control-Request-Headers
Content-Type: application/json
X-Content-Type-Options: nosniff
X-XSS-Protection: 0
Cache-Control: no-cache, no-store, max-age=0, must-revalidate
Pragma: no-cache
Expires: 0
X-Frame-Options: DENY
Content-Length: 604

{"accessToken":"eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJyb2xlIjoiVVNFUiIsImV4cCI6MTY3NzU2OTM2MCwiaWF0IjoxNjc2OTY(
```

HTTPie request

```bash
$ echo '{"email":"test@gmail.com","password":"helloTester!@#","memberName":"tester"}' | http POST
'http://localhost:8080/api/members/register' \
    'Content-Type:application/json;charset=UTF-8'
```

Request body

```json
{"email":"test@gmail.com","password":"helloTester!@#","memberName":"tester"}
```

Request fields

Path	Type	Description
email	String	이메일
password	String	8~12개의 문자로 이루어진 비밀번호
memberName	String	2~20자 사이의 회원 이름

Response body

{"accessToken":"eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJyb2xlIjoiVVNFUiIsImV4cCI6MTY3NzU2OTM2MCwiaWF0IjoxNjc2OTY(

`JSON`

Response fields

Path	Type	Description
accessToken	String	액세스토큰. 7일간 유효하다
refreshToken	String	리프레시토큰. 30일간 유효하다

이메일 중복 여부 체크

Curl request

`BASH`

```
$ curl 'http://localhost:8080/api/members/email-duplication-check?email=tester%40gmail.com' -i -X GET
```

HTTP request

`HTTP`

```
GET /api/members/email-duplication-check?email=tester%40gmail.com HTTP/1.1
Host: localhost:8080
```

HTTP response

`HTTP`

```
HTTP/1.1 200 OK
Vary: Origin
Vary: Access-Control-Request-Method
Vary: Access-Control-Request-Headers
Content-Type: application/json
X-Content-Type-Options: nosniff
X-XSS-Protection: 0
Cache-Control: no-cache, no-store, max-age=0, must-revalidate
Pragma: no-cache
Expires: 0
X-Frame-Options: DENY
Content-Length: 22

{"isDuplicated":false}
```

HTTPie request

`BASH`

```
$ http GET 'http://localhost:8080/api/members/email-duplication-check?email=tester%40gmail.com'
```

Query parameters

Parameter	Description
email	중복 여부를 체크할 이메일

Request body

Response body

`JSON`

```
{"isDuplicated":false}
```

Response fields

Path	Type	Description
isDuplicated	Boolean	이메일 중복 여부

로그인

Curl request

```bash
$ curl 'http://localhost:8080/api/login' -i -X POST \
    -H 'Content-Type: application/json;charset=UTF-8' \
    -d '{"email":"tester@gmail.com","password":"tester123!@"}'
```

HTTP request

```http
POST /api/login HTTP/1.1
Content-Type: application/json;charset=UTF-8
Content-Length: 53
Host: localhost:8080

{"email":"tester@gmail.com","password":"tester123!@"}
```

HTTP response

```http
HTTP/1.1 200 OK
Vary: Origin
Vary: Access-Control-Request-Method
Vary: Access-Control-Request-Headers
Content-Type: application/json
X-Content-Type-Options: nosniff
X-XSS-Protection: 0
Cache-Control: no-cache, no-store, max-age=0, must-revalidate
Pragma: no-cache
Expires: 0
X-Frame-Options: DENY
Content-Length: 610

{"accessToken":"eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJyb2xlIjoiVVNFUiIsImV4cCI6MTY3NzU2OTM2MSwiaWF0IjoxNjc2OTY(
```

HTTPie request

```bash
$ echo '{"email":"tester@gmail.com","password":"tester123!@"}' | http POST 'http://localhost:8080/api/login' \
    'Content-Type:application/json;charset=UTF-8'
```

Request body

```json
{"email":"tester@gmail.com","password":"tester123!@"}
```

Request fields

Path	Type	Description
email	String	로그인을 진행할 이메일
password	String	비밀번호

Response body

```json
{"accessToken":"eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJyb2xlIjoiVVNFUiIsImV4cCI6MTY3NzU2OTM2MSwiaWF0IjoxNjc2OTY(
```

Response fields

Path	Type	Description
accessToken	String	액세스토큰. 7일간 유효하다
refreshToken	String	리프레시토큰. 30일간 유효하다

멤버 정보 반환

Curl request

```bash
$ curl 'http://localhost:8080/api/members/info' -i -X GET \
    -H 'X-WWW-MING-AUTHORIZATION:
eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJyb2xlIjoiVVNFUiIsImV4cCI6MTY3NzU2OTM2MCwiaWF0IjoxNjc2OTY0NTYwLCJ1dWlkI
joiMzdhNmMwMGMtN2E3NS00NmNlLWFjMDctZjM2NzA4MjVjOWZjIiwiZW1haWwiOiJOZXN0QGdtYWlsLmNvbSJ9.3Cs5NYjpKCQ_J1W-
N8DO2r-kKtkp5WvDmokTNVhRBO2p8vOVkznRXp4M-11teSxIoOm1y3x6yTmBElwDDGeeaQ'
```

HTTP request

```http
GET /api/members/info HTTP/1.1
X-WWW-MING-AUTHORIZATION: eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJyb2xlIjoiVVNFUiIsImV4cCI6MTY3NzU2OTM2MCwiaWF0Ij
Host: localhost:8080
```

HTTP response

```http
HTTP/1.1 200 OK
Vary: Origin
Vary: Access-Control-Request-Method
Vary: Access-Control-Request-Headers
Content-Type: application/json
X-Content-Type-Options: nosniff
X-XSS-Protection: 0
Cache-Control: no-cache, no-store, max-age=0, must-revalidate
Pragma: no-cache
Expires: 0
X-Frame-Options: DENY
Content-Length: 59

{"result":{"email":"test@gmail.com","memberName":"tester"}}
```

HTTPie request

```bash
$ http GET 'http://localhost:8080/api/members/info' \
    'X-WWW-MING-
AUTHORIZATION:eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJyb2xlIjoiVVNFUiIsImV4cCI6MTY3NzU2OTM2MCwiaWF0IjoxNjc2OTY
0NTYwLCJ1dWlkIjoiMzdhNmMwMGMtN2E3NS00NmNlLWFjMDctZjM2NzA4MjVjOWZjIiwiZW1haWwiOiJOZXN0QGdtYWlsLmNvbSJ9.3Cs5NYjp
KCQ_J1W-N8DO2r-kKtkp5WvDmokTNVhRBO2p8vOVkznRXp4M-11teSxIoOm1y3x6yTmBElwDDGeeaQ'
```

Request body

Request headers

Name	Description
`X-WWW-MING-AUTHORIZATION`	jwt 토큰 형식의 밍커머스 인증헤더

Response body

JSON

```
{"result":{"email":"test@gmail.com","memberName":"tester"}}
```

Response fields

Path	Type	Description
`result.email`	String	멤버의 이메일
`result.memberName`	String	멤버의 이름

Product

상품 데이터 삽입

amazom.com 의 **grocery** 카테고리의 상품을 크롤링하여 DB 에 삽입한다.

Curl request

```
$ curl 'http://localhost:8080/api/product-crawl' -i -X GET \
    -H 'X-WWW-MING-AUTHORIZATION:
eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJyb2xlIjoiQURNSU4iLCJleHAiOjE2Nzc1NjkzNjMsImlhdCI6MTY3Njk2NDU2MywidXVpdZ
CI6IjBiNTgxYWRjLTY0OTMtNDFhNC1hMmNlLWQ0NDQxMGIyNjgzMCIsImVtYWlsIjoiYWRtaW5AbWluZy5jb2OifQ.lt_XJs2UkfM61lBH7Zzz
R3UsxkKfPHT4f1X_8PPN6hSYsRYHi2tQtf6NkeFlJuxzE-8_7YQ8WX_hBhsuaRZmHw'
```
BASH

HTTP request

```
GET /api/product-crawl HTTP/1.1
X-WWW-MING-AUTHORIZATION: eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJyb2xlIjoiQURNSU4iLCJleHAiOjE2Nzc1NjkzNjMsImlhdC
Host: localhost:8080
```
HTTP

HTTP response

```
HTTP/1.1 200 OK
Vary: Origin
Vary: Access-Control-Request-Method
Vary: Access-Control-Request-Headers
Content-Type: application/json
X-Content-Type-Options: nosniff
X-XSS-Protection: 0
Cache-Control: no-cache, no-store, max-age=0, must-revalidate
Pragma: no-cache
Expires: 0
X-Frame-Options: DENY
Content-Length: 43

{"message":"product successfully inserted"}
```
HTTP

HTTPie request

```
$ http GET 'http://localhost:8080/api/product-crawl' \
    'X-WWW-MING-
AUTHORIZATION:eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJyb2xlIjoiQURNSU4iLCJleHAiOjE2Nzc1NjkzNjMsImlhdCI6MTY3Njk
2NDU2MywidXVpZCI6IjBiNTgxYWRjLTY0OTMtNDFhNC1hMmNlLWQ0NDQxMGIyNjgzMCIsImVtYWlsIjoiYWRtaW5AbWluZy5jb2OifQ.lt_XJs
2UkfM61lBH7ZzzR3UsxkKfPHT4f1X_8PPN6hSYsRYHi2tQtf6NkeFlJuxzE-8_7YQ8WX_hBhsuaRZmHw'
```
BASH

Request body

Request headers

Name	Description
X-WWW-MING-AUTHORIZATION	권한이 ADMIN 인 토큰

Response body

```
{"message":"product successfully inserted"}
```
JSON

상품 조회하기

카테고리이름과 페이지를 queryParam 으로 해서 해당 카테고리에 속한 상품을 10개씩 조회한다. 0 페이지부터 시작한다.

Curl request

BASH

```
$ curl 'http://localhost:8080/api/products?page=0&category=DAIRY_EGGS' -i -X GET
```

HTTP request

HTTP

```
GET /api/products?page=0&category=DAIRY_EGGS HTTP/1.1
Host: localhost:8080
```

HTTP response

HTTP

```
HTTP/1.1 200 OK
Vary: Origin
Vary: Access-Control-Request-Method
Vary: Access-Control-Request-Headers
Content-Type: application/json
X-Content-Type-Options: nosniff
X-XSS-Protection: 0
Cache-Control: no-cache, no-store, max-age=0, must-revalidate
Pragma: no-cache
Expires: 0
X-Frame-Options: DENY
Content-Length: 3342

{"result":[{"productId":"6d13e410-9d75-4a14-835d-fc5d87c25c45","productName":"신선 달걀 0구","price":7.89,"thumbnai
```

HTTPie request

BASH

```
$ http GET 'http://localhost:8080/api/products?page=0&category=DAIRY_EGGS'
```

Query parameters

Parameter	Description
page	조회할 페이지
category	조회할 상품 카테고리

Request body

Response body

JSON

```
{"result":[{"productId":"6d13e410-9d75-4a14-835d-fc5d87c25c45","productName":"신선 달걀 0구","price":7.89,"thumbnai
```

Response fields

Path	Type	Description
result[].productId	String	상품의 고유값. UUID 형식
result[].productName	String	상품명

Path	Type	Description
result[].thumbnailImageUrl	String	상품 썸네일 url
result[].price	Number	상품의 가격
result[].category	Object	상품의 카테고리
result[].category.createdDate	String	상품의 생성일
result[].category.modifiedDate	String	상품의 수정일
result[].category.categoryId	String	상품의 카테고리 id
result[].category.categoryName	String	상품의 카테고리 이름

상품 상세 조회하기

상세설명, 상품 이미지들을 포함한 상품의 상세를 조회한다.

Curl request

```bash
$ curl 'http://localhost:8080/api/products/de3e7d72-aaac-4c77-9fad-73570fb91d67' -i -X GET
```

HTTP request

```http
GET /api/products/de3e7d72-aaac-4c77-9fad-73570fb91d67 HTTP/1.1
Host: localhost:8080
```

HTTP response

```http
HTTP/1.1 200 OK
Vary: Origin
Vary: Access-Control-Request-Method
Vary: Access-Control-Request-Headers
Content-Type: application/json
X-Content-Type-Options: nosniff
X-XSS-Protection: 0
Cache-Control: no-cache, no-store, max-age=0, must-revalidate
Pragma: no-cache
Expires: 0
X-Frame-Options: DENY
Content-Length: 483

{"result":{"productId":"de3e7d72-aaac-4c77-9fad-73570fb91d67","productName":"신선 달걀 0구","thumbnailImageUrl":"ht
```

HTTPie request

```bash
$ http GET 'http://localhost:8080/api/products/de3e7d72-aaac-4c77-9fad-73570fb91d67'
```

Path parameters

Table 1. /api/products/{productId}

Parameter	Description
productId	상품 아이디

Request body

Response body

{"result":{"productId":"de3e7d72-aaac-4c77-9fad-73570fb91d67","productName":"신선 달걀 0구","thumbnailImageUrl":"ht1

Response fields

Path	Type	Description
result.productId	String	상품의 고유값. UUID 형식
result.productName	String	상품명
result.thumbnailImageUrl	String	상품 썸네일 url
result.productImageUrlList[]	Array	상품 이미지 url
result.description	String	상품 상세 설명
result.price	Number	상품의 가격
result.category	Object	상품의 카테고리
result.createdDate	String	상품 생성일
result.modifiedDate	String	상품 수정일
result.category.createdDate	String	상품의 생성일
result.category.modifiedDate	String	상품의 수정일
result.category.categoryId	String	상품의 카테고리 id
result.category.categoryName	String	상품의 카테고리 이름

Cart

장바구니 상품 조회하기

장바구니의 상품을 조회한다. 삭제여부가 **false** 인 상품만을 조회한다.

Curl request

```
$ curl 'http://localhost:8080/api/carts' -i -X GET \
    -H 'X-WWW-MING-AUTHORIZATION:
eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJyb2xlIjoiVVNFUiIsImV4cCI6MTY3NzU2OTM1OSwiaWF0IjoxNjc2OTY0NTU5LCJ1dWlkI
joiNGNkZmViOGItZGM3Mi00ZTljLWE2NTUtMTQ2YWYyODQ0NTVkIiwiZW1haWwiOiJ0ZXN0ZXJAbWluZy5jb20ifQ.UWRMunLJy63QV5GO_6CX
H80n8OaOITAbGUuuqgKB4vn37GEns1UZQN7owLTw0xHt7IQA_GJpNkfXWXcCJlLIFQ'
```
BASH

HTTP request

```
GET /api/carts HTTP/1.1
X-WWW-MING-AUTHORIZATION: eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJyb2xlIjoiVVNFUiIsImV4cCI6MTY3NzU2OTM1OSwiaWF0IjoxNjj
Host: localhost:8080
```
HTTP

HTTP response

```
HTTP/1.1 200 OK
Vary: Origin
Vary: Access-Control-Request-Method
Vary: Access-Control-Request-Headers
Content-Type: application/json
X-Content-Type-Options: nosniff
X-XSS-Protection: 0
Cache-Control: no-cache, no-store, max-age=0, must-revalidate
Pragma: no-cache
Expires: 0
X-Frame-Options: DENY
Content-Length: 312

{"result":[{"uuid":"35201ba1-0d8a-441c-bed1-564b7552f454","productId":"5fb67e8e-d060-4330-85fc-547e134347c9","pri
```
HTTP

HTTPie request

```
$ http GET 'http://localhost:8080/api/carts' \
    'X-WWW-MING-
AUTHORIZATION:eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJyb2xlIjoiVVNFUiIsImV4cCI6MTY3NzU2OTM1OSwiaWF0IjoxNjc2OTY
0NTU5LCJ1dWlkIjoiNGNkZmViOGItZGM3Mi00ZTljLWE2NTUtMTQ2YWYyODQ0NTVkIiwiZW1haWwiOiJ0ZXN0ZXJAbWluZy5jb20ifQ.UWRMun
LJy63QV5GO_6CXH80n8OaOITAbGUuuqgKB4vn37GEns1UZQN7owLTw0xHt7IQA_GJpNkfXWXcCJlLIFQ'
```
BASH

Request body

Request headers

Name	Description
X-WWW-MING-AUTHORIZATION	인증헤더

Response body

```
{"result":[{"uuid":"35201ba1-0d8a-441c-bed1-564b7552f454","productId":"5fb67e8e-d060-4330-85fc-547e134347c9","pri
```
JSON

Response fields

Path	Type	Description
result[].uuid	String	장바구니 상품 고유 id
result[].productId	String	상품 고유 id
result[].thumbnailImageUrl	String	상품 썸네일 url
result[].productName	String	상품의 이름
result[].price	Number	상품의 가격
result[].quantity	Number	상품의 수량
result[].createdDate	String	생성일
result[].modifiedDate	String	수정일

장바구니에 상품 담기

상품 아이디(productId) 와 수량(quantity)를 쿼리파라미터로 하여 장바구니에 상품을 담는다. quantity 파라미터가 없다면 자동 1로 세팅된다.

이전에 해당 상품을 저장한 적이 있다면 기존 quantity 에 파라미터로 들어온 quantity 가 더해진다.

Curl request

```
BASH
$ curl 'http://localhost:8080/api/carts' -i -X POST \
    -H 'Content-Type: application/json;charset=UTF-8' \
    -H 'X-WWW-MING-AUTHORIZATION:
eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJyb2xlIjoiVVNFUiIsImV4cCI6MTY3NzU2OTM1OSwiaWF0IjoxNjc2OTY0NTU5LCJ1dWlkI
joiMDU4YmQ3OWQtZWM3YS00NWNmLTljMzktNjY5MDQ5MjQ5MzU1IiwiZW1haWwiOiJ0ZXN0ZXJAbWluZy5jb20ifQ.nUNH4T_rnXxQmxlBSVD9
9Zb0VJM7_9hNcyCxDbgaJV3T6dyEC24RMYbgVvhLmC8YSq7_PXbiXMl0tDvCEolUqw' \
    -d '{"productId":"19608f49-2276-41bc-8312-6d07dd4e6b51","quantity":10}'
```

HTTP request

```
HTTP
POST /api/carts HTTP/1.1
Content-Type: application/json;charset=UTF-8
X-WWW-MING-AUTHORIZATION: eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJyb2xlIjoiVVNFUiIsImV4cCI6MTY3NzU2OTM1OSwiaWF0Ij
Content-Length: 66
Host: localhost:8080

{"productId":"19608f49-2276-41bc-8312-6d07dd4e6b51","quantity":10}
```

HTTP response

```
HTTP/1.1 200 OK
Vary: Origin
Vary: Access-Control-Request-Method
Vary: Access-Control-Request-Headers
Content-Type: application/json
X-Content-Type-Options: nosniff
X-XSS-Protection: 0
Cache-Control: no-cache, no-store, max-age=0, must-revalidate
Pragma: no-cache
Expires: 0
X-Frame-Options: DENY
Content-Length: 19

{"cartLineCount":1}
```
HTTP

HTTPie request

```
$ echo '{"productId":"19608f49-2276-41bc-8312-6d07dd4e6b51","quantity":10}' | http POST
'http://localhost:8080/api/carts' \
    'Content-Type:application/json;charset=UTF-8' \
    'X-WWW-MING-
AUTHORIZATION:eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJyb2xlIjoiVVNFUiIsImV4cCI6MTY3NzU2OTM1OSwiaWF0IjoxNjc2OTY
0NTU5LCJ1dWlkIjoiMDU4YmQ3OWQtZWM3YS00NWNmLTljMzktNjY5MDQ5MjQ5MzU1IiwiZW1haWwiOiJ0ZXN0ZXJAbWluZy5jb20ifQ.nUNH4T
_rnXxQmxlBSVD99Zb0VJM7_9hNcyCxDbgaJV3T6dyEC24RMYbgVvhLmC8YSq7_PXbiXMl0tDvCEolUqw'
```
BASH

Request body

```
{"productId":"19608f49-2276-41bc-8312-6d07dd4e6b51","quantity":10}
```
JSON

Request fields

Path	Type	Description
productId	String	상품 고유 id
quantity	Number	상품 수량

Request headers

Name	Description
X-WWW-MING-AUTHORIZATION	액세스 토큰

Response body

```
{"cartLineCount":1}
```
JSON

Response fields

Path	Type	Description
cartLineCount	Number	장바구니에 담긴 상품의 수

장바구니에 담긴 상품 수량 수정하기

장바구니에 담긴 상품의 수량을 수정한다.

Curl request

```
$ curl 'http://localhost:8080/api/carts' -i -X PUT \
    -H 'Content-Type: application/json;charset=UTF-8' \
    -H 'X-WWW-MING-AUTHORIZATION:
eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJyb2xlIjoiVVNFUiIsImV4cCI6MTY3NzU2OTM1OSwiaWF0IjoxNjc2OTY0NTU5LCJ1dWlkI
joiNmI1YThmODItZmMxYy00NmVjLThjNzAtOGU4ZTQ3MzlkZWQ4IiwiZW1haWwiOiJ0ZXN0ZXJAbWluZy5jb20ifQ.fU8mtnrdaofWI79owxzG
HX6jagjp60YmVv5gED1dXPOUe3OR5_NIhWBLtl0e49geEKzsbHSvWXISl9gIJfRp2A' \
    -d '{"productId":"90659736-1edb-4b41-bcde-3c80ab7886a5","quantity":7}'
```

BASH

HTTP request

HTTP

```
PUT /api/carts HTTP/1.1
Content-Type: application/json;charset=UTF-8
X-WWW-MING-AUTHORIZATION: eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJyb2xlIjoiVVNFUiIsImV4cCI6MTY3NzU2OTM1OSwiaWF0IjoxNjI
Content-Length: 65
Host: localhost:8080

{"productId":"90659736-1edb-4b41-bcde-3c80ab7886a5","quantity":7}
```

HTTP response

HTTP

```
HTTP/1.1 200 OK
Vary: Origin
Vary: Access-Control-Request-Method
Vary: Access-Control-Request-Headers
Content-Type: application/json
X-Content-Type-Options: nosniff
X-XSS-Protection: 0
Cache-Control: no-cache, no-store, max-age=0, must-revalidate
Pragma: no-cache
Expires: 0
X-Frame-Options: DENY
Content-Length: 19

{"cartLineCount":1}
```

HTTPie request

BASH

```
$ echo '{"productId":"90659736-1edb-4b41-bcde-3c80ab7886a5","quantity":7}' | http PUT
'http://localhost:8080/api/carts' \
    'Content-Type:application/json;charset=UTF-8' \
    'X-WWW-MING-
AUTHORIZATION:eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJyb2xlIjoiVVNFUiIsImV4cCI6MTY3NzU2OTM1OSwiaWF0IjoxNjc2OTY
0NTU5LCJ1dWlkIjoiNmI1YThmODItZmMxYy00NmVjLThjNzAtOGU4ZTQ3MzlkZWQ4IiwiZW1haWwiOiJ0ZXN0ZXJAbWluZy5jb20ifQ.fU8mtn
rdaofWI79owxzGHX6jagjp60YmVv5gED1dXPOUe3OR5_NIhWBLtl0e49geEKzsbHSvWXISl9gIJfRp2A'
```

Request body

JSON

```
{"productId":"90659736-1edb-4b41-bcde-3c80ab7886a5","quantity":7}
```

Request fields

Path	Type	Description
productId	String	상품 고유 id
quantity	Number	업데이트할 상품 수량

Request headers

Name	Description
X-WWW-MING-AUTHORIZATION	액세스 토큰

Response body

```json
{"cartLineCount":1}
```

Response fields

Path	Type	Description
cartLineCount	Number	장바구니에 담긴 상품의 수

장바구니에 담긴 상품 삭제하기

장바구니에 담긴 상품을 삭제한다.

Curl request

```bash
$ curl 'http://localhost:8080/api/carts' -i -X DELETE \
    -H 'Content-Type: application/json;charset=UTF-8' \
    -H 'X-WWW-MING-AUTHORIZATION:
eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJyb2xlIjoiVVNFUiIsImV4cCI6MTY3NzU2OTM1OCwiaWF0IjoxNjc2OTY0NTU4LCJ1dWlkI
joiNDU5OWI4N2YtOTIyZi00YmFiLWJhNGYtMGE0ZDEzZDc3NDNkIiwiZW1haWwiOiJOZXN0ZXJAbWluZy5jb20ifQ.k6-
BBm1thjuGqsSMkk6lvH1x7TNq2o38XlaRvAgjcDO5NHoIV8Qx-nmN0vEfDqJZFPxSrgNMeTVypKyKdk9VyA' \
    -d '{"productId":"6793ee61-c675-4d4a-9472-510811c081c7"}'
```

HTTP request

```http
DELETE /api/carts HTTP/1.1
Content-Type: application/json;charset=UTF-8
X-WWW-MING-AUTHORIZATION: eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJyb2xlIjoiVVNFUiIsImV4cCI6MTY3NzU2OTM1OCwiaWF0IOIj
Content-Length: 52
Host: localhost:8080

{"productId":"6793ee61-c675-4d4a-9472-510811c081c7"}
```

HTTP response

```http
HTTP/1.1 200 OK
Vary: Origin
Vary: Access-Control-Request-Method
Vary: Access-Control-Request-Headers
Content-Type: application/json
X-Content-Type-Options: nosniff
X-XSS-Protection: 0
Cache-Control: no-cache, no-store, max-age=0, must-revalidate
Pragma: no-cache
Expires: 0
X-Frame-Options: DENY
Content-Length: 19

{"cartLineCount":0}
```

HTTPie request

```bash
$ echo '{"productId":"6793ee61-c675-4d4a-9472-510811c081c7"}' | http DELETE 'http://localhost:8080/api/carts'
\
    'Content-Type:application/json;charset=UTF-8' \
    'X-WWW-MING-
AUTHORIZATION:eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJyb2xlIjoiVVNFUiIsImV4cCI6MTY3NzU2OTM1OCwiaWF0IjoxNjc2OTY
0NTU4LCJ1dWlkIjoiNDU5OWI4N2YtOTIyZi00YmFiLWJhNGYtMGE0ZDEzZDc3NDNkIiwiZW1haWwiOiJ0ZXN0ZXJAbWluZy5jb20ifQ.k6-
BBm1thjuGqsSMkk6lvH1x7TNq2o38XlaRvAgjcDO5NHoIV8Qx-nmN0vEfDqJZFPxSrgNMeTVypKyKdk9VyA'
```

Request body

```json
{"productId":"6793ee61-c675-4d4a-9472-510811c081c7"}
```

Request fields

Path	Type	Description
productId	String	삭제할 상품의 고유 id

Request headers

Name	Description
X-WWW-MING-AUTHORIZATION	액세스 토큰

Response body

```json
{"cartLineCount":0}
```

Response fields

Path	Type	Description
cartLineCount	Number	장바구니에 담긴 상품의 개수

Order

장바구니에 담긴 상품 주문하기

장바구니에 담긴 상품을 주문한다. CartLine 의 고유 id인 uuid 로 장바구니 안의 상품을 선택하여 주문할 수 있다.

Curl request

BASH

```
$ curl 'http://localhost:8080/api/orders/order' -i -X POST \
    -H 'Content-Type: application/json;charset=UTF-8' \
    -H 'X-WWW-MING-AUTHORIZATION:
eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJyb2xlIjoiVVNFUiIsImV4cCI6MTY3NzU2OTM2MiwiaWF0IjoxNjc2OTY0NTYyLCJ1dWlkI
joiNzA4MDA0NjktYTkzYS00MGRhLTkzZjItMDZjZmQ0ZTc5YWRmIiwiZW1haWwiOiJ0ZXN0ZXJAbWluZy5jb20ifQ.eygTOOQUgcxvIx-
BkErsyVMBsErBcHE2HFc2kZK1F5fNdQ6uIoTOJJN8RRgWg2ThJUhMWf3uRTv-cxON7wL1ow' \
    -d '{"cartLineUuidList":["08ca4f6a-4c59-4956-abed-6fb37274aa91","bc4b44b2-2ba9-4a1a-9ee8-4d769e87abd1"]}'
```

HTTP request

HTTP

```
POST /api/orders/order HTTP/1.1
Content-Type: application/json;charset=UTF-8
X-WWW-MING-AUTHORIZATION: eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJyb2xlIjoiVVNFUiIsImV4cCI6MTY3NzU2OTM2MiwiaWF0Ij
Content-Length: 100
Host: localhost:8080

{"cartLineUuidList":["08ca4f6a-4c59-4956-abed-6fb37274aa91","bc4b44b2-2ba9-4a1a-9ee8-4d769e87abd1"]}
```

HTTP response

HTTP

```
HTTP/1.1 200 OK
Vary: Origin
Vary: Access-Control-Request-Method
Vary: Access-Control-Request-Headers
Content-Type: application/json
X-Content-Type-Options: nosniff
X-XSS-Protection: 0
Cache-Control: no-cache, no-store, max-age=0, must-revalidate
Pragma: no-cache
Expires: 0
X-Frame-Options: DENY
Content-Length: 139

{"orderId":"2d8b6a5f-ac8e-464f-b23c-0e79fc8e68d5","amount":157799.99999999997,"orderName":"신선 달... 외 2건","order
```

HTTPie request

BASH

```
$ echo '{"cartLineUuidList":["08ca4f6a-4c59-4956-abed-6fb37274aa91","bc4b44b2-2ba9-4a1a-9ee8-4d769e87abd1"]}'
| http POST 'http://localhost:8080/api/orders/order' \
    'Content-Type:application/json;charset=UTF-8' \
    'X-WWW-MING-
AUTHORIZATION:eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJyb2xlIjoiVVNFUiIsImV4cCI6MTY3NzU2OTM2MiwiaWF0IjoxNjc2OTY
0NTYyLCJ1dWlkIjoiNzA4MDA0NjktYTkzYS00MGRhLTkzZjItMDZjZmQ0ZTc5YWRmIiwiZW1haWwiOiJ0ZXN0ZXJAbWluZy5jb20ifQ.eygTOO
QUgcxvIx-BkErsyVMBsErBcHE2HFc2kZK1F5fNdQ6uIoTOJJN8RRgWg2ThJUhMWf3uRTv-cxON7wL1ow'
```

Request body

JSON

```
{"cartLineUuidList":["08ca4f6a-4c59-4956-abed-6fb37274aa91","bc4b44b2-2ba9-4a1a-9ee8-4d769e87abd1"]}
```

Request fields

Path	Type	Description
cartLineUuidList.[]	Array	카트라인의 uuid 리스트

Request headers

Name	Description
X-WWW-MING-AUTHORIZATION	인증 헤더

Response body

```
{"orderId":"2d8b6a5f-ac8e-464f-b23c-0e79fc8e68d5","amount":157799.99999999997,"orderName":"신선 달... 외 2건","order
```
JSON

Response fields

Path	Type	Description
orderId	String	주문 아이디
amount	Number	주문 총 합계
orderName	String	'[상품이름]외 [주문상품개수]건' 형식의 주문 이름
orderStatus	String	주문 상태. 주문 완료시 PENDING 이며, 결제까지 완료되면 COMPLETE 으로 바뀐다

주문 조회하기

주문 ID 를 쿼리 파라미터로 하여 주문을 조회한다. 해당 주문 조회에 권한이 있는 사용자만 조회가 가능하다.

Curl request

BASH
```
$ curl 'http://localhost:8080/api/orders/order?orderId=35a7a3f4-d8f3-431d-9a74-1bbd7b98b392' -i -X GET \
    -H 'X-WWW-MING-AUTHORIZATION:
eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJyb2xlIjoiVVNFUiIsImV4cCI6MTY3NzU2OTM2MiwiaWF0IjoxNjc2OTY0NTYyLCJ1dWlkI
joiNDc1ZGFlMmMtNTFlMC00ZWY1LWJhNDktODc3OTMzMmY5YTI3IiwiZW1haWwiOiJ0ZXN0QXJAbWluZy5jb20ifQ.wsiOgw6RiYLWBYDjT6Wa
VZ4NWWtSsMq3nBbnrylZ8qYhZ-vi1aCPC2BNaAJuAGeHPwETqa9IPgfHDzLB_Zs3ew'
```

HTTP request

HTTP
```
GET /api/orders/order?orderId=35a7a3f4-d8f3-431d-9a74-1bbd7b98b392 HTTP/1.1
X-WWW-MING-AUTHORIZATION: eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJyb2xlIjoiVVNFUiIsImV4cCI6MTY3NzU2OTM2MiwiaWF0Ij
Host: localhost:8080
```

HTTP response

```
HTTP/1.1 200 OK
Vary: Origin
Vary: Access-Control-Request-Method
Vary: Access-Control-Request-Headers
Content-Type: application/json
X-Content-Type-Options: nosniff
X-XSS-Protection: 0
Cache-Control: no-cache, no-store, max-age=0, must-revalidate
Pragma: no-cache
Expires: 0
X-Frame-Options: DENY
Content-Length: 122

{"orderId":"35a7a3f4-d8f3-431d-9a74-1bbd7b98b392","amount":2.0,"orderName":"테스트 상품 외 1건","orderStatus":null}
```

HTTPie request

```
$ http GET 'http://localhost:8080/api/orders/order?orderId=35a7a3f4-d8f3-431d-9a74-1bbd7b98b392' \
    'X-WWW-MING-
AUTHORIZATION:eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJyb2xlIjoiVVNFUiIsImV4cCI6MTY3NzU2OTM2MiwiaWF0IjoxNjc2OTY
0NTYyLCJ1dWlkIjoiNDc1ZGFlMmMtNTFlMC00ZWY1LWJhNDktODc3OTMzMmY5YTI3IiwiZW1haWwiOiJ0ZXN0ZXJAbWluZy5jb20ifQ.wsiOgw
6RiYLWBYDjT6WaVZ4NWWtSsMq3nBbnrylZ8qYhZ-vi1aCPC2BNaAJuAGeHPwETqa9IPgfHDzLB_Zs3ew'
```

Query parameters

Parameter	Description
orderId	주문 ID

Request body

Request headers

Name	Description
X-WWW-MING-AUTHORIZATION	밍커머스 인증헤더

Response body

```
{"orderId":"35a7a3f4-d8f3-431d-9a74-1bbd7b98b392","amount":2.0,"orderName":"테스트 상품 외 1건","orderStatus":null}
```

Response fields

Path	Type	Description
orderId	String	주문 ID
orderName	String	주문 이름. 2건 이상시 첫번째 상품 이름에 '외 n 건' 을 붙여 저장한다
amount	Number	총 결제 금액
orderStatus	Null	주문 상태. 주문 완료시 PENDING 이며, 결제까지 완료되면 COMPLETE 으로 바뀐다

Payment

결제 승인 (토스 결제)

결제 요청 검증 후 결제를 승인한다.

Curl request

```bash
$ curl 'http://localhost:8080/api/payment/pay' -i -X POST \
    -H 'Content-Type: application/json;charset=UTF-8' \
    -H 'X-WWW-MING-AUTHORIZATION:
eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJyb2xlIjoiVVNFUiIsImV4cCI6MTY3NzU2OTM2MiwiaWF0IjoxNjc2OTY0NTYyLCJ1dWlkI
joiMzI2YjM1ZDQtZWFjYy00N2RiLTg2ZGMtMzQzMmVjM2ZlMjNiIiwiZW1haWwiOiJ0ZXN0ZXJAbWluZy5jb20ifQ.-yiG69B4PiXoy6s-
8IxvsQbGiNHq1RWHqE4nffXlz65u-YeSnkoBmbr3Kf5rvXjSn2od6otmhj5_w83ugVvSjg' \
    -d '{"paymentKey":"dGVzdCBwYXltZW50IGtleQ==","amount":2.0,"orderId":"80b279c7-d3ac-4126-ad89-
51243975f57b"}'
```

HTTP request

```http
POST /api/payment/pay HTTP/1.1
Content-Type: application/json;charset=UTF-8
X-WWW-MING-AUTHORIZATION: eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJyb2xlIjoiVVNFUiIsImV4cCI6MTY3NzU2OTM2MiwiaWF0Ij
Content-Length: 103
Host: localhost:8080

{"paymentKey":"dGVzdCBwYXltZW50IGtleQ==","amount":2.0,"orderId":"80b279c7-d3ac-4126-ad89-51243975f57b"}
```

HTTP response

```http
HTTP/1.1 200 OK
Vary: Origin
Vary: Access-Control-Request-Method
Vary: Access-Control-Request-Headers
Content-Type: application/json
X-Content-Type-Options: nosniff
X-XSS-Protection: 0
Cache-Control: no-cache, no-store, max-age=0, must-revalidate
Pragma: no-cache
Expires: 0
X-Frame-Options: DENY
Content-Length: 231

{"orderId":"80b279c7-d3ac-4126-ad89-51243975f57b","orderName":"테스트 상품 외 1건","requestedAt":"2023-02-21T16:29:22
```

HTTPie request

```bash
$ echo '{"paymentKey":"dGVzdCBwYXltZW50IGtleQ==","amount":2.0,"orderId":"80b279c7-d3ac-4126-ad89-
51243975f57b"}' | http POST 'http://localhost:8080/api/payment/pay' \
    'Content-Type:application/json;charset=UTF-8' \
    'X-WWW-MING-
AUTHORIZATION:eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJyb2xlIjoiVVNFUiIsImV4cCI6MTY3NzU2OTM2MiwiaWF0IjoxNjc2OTY
0NTYyLCJ1dWlkIjoiMzI2YjM1ZDQtZWFjYy00N2RiLTg2ZGMtMzQzMmVjM2ZlMjNiIiwiZW1haWwiOiJ0ZXN0ZXJAbWluZy5jb20ifQ.-
yiG69B4PiXoy6s-8IxvsQbGiNHq1RWHqE4nffXlz65u-YeSnkoBmbr3Kf5rvXjSn2od6otmhj5_w83ugVvSjg'
```

Request body

```json
{"paymentKey":"dGVzdCBwYXltZW50IGtleQ==","amount":2.0,"orderId":"80b279c7-d3ac-4126-ad89-51243975f57b"}
```

Request fields

Path	Type	Description
paymentKey	String	결제의 키 값. 최대 길이는 200자.
orderId	String	주문 ID
amount	Number	결제할 금액

Request headers

Name	Description
X-WWW-MING-AUTHORIZATION	밍커머스 인증 토큰

Response body

```
{"orderId":"80b279c7-d3ac-4126-ad89-51243975f57b","orderName":"테스트 상품 외 1건","requestedAt":"2023-02-21T16:29:22
```

Response fields

Path	Type	Description
orderId	String	주문 ID
orderName	String	주문 이름
requestedAt	String	결제 요청 시간
approvedAt	String	결제 승인 시간
currency	String	결제할 때 사용한 통화 단위. 원화인 KRW 만 사용
totalAmount	Number	총 결제 금액
method	String	결제할 때 사용한 결제 수단. 카드, 가상 계좌, 간편결제, 휴대폰, 계좌이체, 상품 권(문화상품권, 도서문화상품권, 게임문 화상품권) 중 하나

Last updated 2023-02-20 19:25:41 +0900