

# 상품 API

## Overview

네이버 상품을 기준으로 각 쇼핑몰에서 동일 상품을 검색하여 최저가를 비교하고, 구독자를 대상으로 상품을 추천하는 서비스를 제공합니다.

## Version information

Version : 1.0

## URI scheme

Host : localhost:8082

BasePath : /

## Tags

- CategoryController : 카테고리 API
- LikeController : 좋아요 API
- MallController : 쇼핑몰 최저가 비교 API
- ProductController : 상품 검색, 간략 정보 조회/저장 API
- ReviewController : 리뷰 API
- StarController : 별점 API
- ViewController : 조회수 API
- basic-error-controller : Basic Error Controller

## Paths

### 카테고리 삭제

POST /cat/delete

### Parameters

Type	Name	Description	Schema
Body	request required	request	<a href="#">CategoryRegisterDto</a>

### Responses

HTTP Code	Description	Schema
200	OK	string
201	Created	No Content
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content
404	Not Found	No Content

## Consumes

- `application/json`

## Produces

- `*/*`

## Tags

- CategoryController

# 조건 별 카테고리 조회

POST /cat/find

## Parameters

Type	Name	Description	Schema
Body	<b>request</b> required	request	<a href="#">CategoryRegisterDto</a>

## Responses

HTTP Code	Description	Schema
200	OK	< <a href="#">CategoryEntity</a> > array
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

## Consumes

- `application/json`

## Produces

- `*/*`

## Tags

- CategoryController

## 카테고리 전체 조회

POST /cat/findAll

### Responses

HTTP Code	Description	Schema
200	OK	< <a href="#">CategoryEntity</a> > array
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

### Consumes

- [application/json](#)

### Produces

- [\\*/\\*](#)

### Tags

- [CategoryController](#)

## 카테고리명 수정

POST /cat/modify

### Parameters

Type	Name	Description	Schema
Body	<b>request</b> required	request	<a href="#">CategoryRegisterDto</a>

### Responses

HTTP Code	Description	Schema
200	OK	<a href="#">CategoryEntity</a>
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

## Consumes

- `application/json`

## Produces

- `*/*`

## Tags

- CategoryController

# 카테고리 등록

POST /cat/register

## Parameters

Type	Name	Description	Schema
Body	<b>request</b> required	request	<a href="#">CategoryRegisterDto</a>

## Responses

HTTP Code	Description	Schema
200	OK	<a href="#">CategoryEntity</a>
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

## Consumes

- `application/json`

## Produces

- `*/*`

## Tags

- CategoryController

# error

POST /error

## Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

## Consumes

- `application/json`

## Produces

- `*/*`

## Tags

- basic-error-controller

## error

GET /error

## Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

## Produces

- `*/*`

## Tags

- basic-error-controller

## error

PUT /error

## Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

## Consumes

- `application/json`

## Produces

- `*/*`

## Tags

- basic-error-controller

## error

DELETE /error

## Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

## Produces

- `*/*`

## Tags

- basic-error-controller

## error

PATCH /error

## Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

## Consumes

- `application/json`

## Produces

- `*/*`

## Tags

- `basic-error-controller`

## error

HEAD /error

## Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

## Consumes

- `application/json`

## Produces

- `*/*`

## Tags

- `basic-error-controller`

## error

OPTIONS /error

## Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

## Consumes

- application/json

## Produces

- \*/\*

## Tags

- basic-error-controller

## 쇼핑몰 최저가 비교

GET /mall/price-compare/{productId}

## Parameters

Type	Name	Description	Schema
Path	<b>productId</b> required	productId	integer (int64)
Query	<b>pageNumber</b> required	pageNumber	integer (int32)
Query	<b>pageSize</b> required	pageSize	integer (int32)

## Responses

HTTP Code	Description	Schema
200	OK	<a href="#">PriceCompareDto</a>
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content



## Produces

- \*/\*

## Tags

- MallController

## 좋아요 등록

POST /member/likes/add

## Parameters

Type	Name	Description	Schema
Query	<b>email</b> required	email	string
Query	<b>productId</b> required	productId	integer (int64)

## Responses

HTTP Code	Description	Schema
200	OK	boolean
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

## Consumes

- application/json

## Produces

- \*/\*

## Tags

- LikeController

## 좋아요 취소

POST /member/likes/cancel

## Parameters

Type	Name	Description	Schema
Query	<b>email</b> required	email	string
Query	<b>productId</b> required	productId	integer (int64)

## Responses

HTTP Code	Description	Schema
200	OK	boolean
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

## Consumes

- `application/json`

## Produces

- `*/*`

## Tags

- LikeController

## 좋아요 조회

POST /member/likes/view

## Parameters

Type	Name	Description	Schema
Query	<b>productId</b> required	productId	integer (int64)

## Responses

HTTP Code	Description	Schema
200	OK	integer (int64)
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

## Consumes

- application/json

## Produces

- \*/\*

## Tags

- LikeController

## 별점 조회

GET /member/star

## Parameters

Type	Name	Description	Schema
Query	productId required	productId	integer (int64)

## Responses

HTTP Code	Description	Schema
200	OK	<a href="#">StarDto</a>
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

## Produces

- \*/\*

## Tags

- StarController

## 별점 등록 및 수정

POST /member/star/{productId}

## Parameters

Type	Name	Description	Schema
Header	Authentication required	Authentication	string

Type	Name	Description	Schema
Path	<b>productId</b> required	productId	integer (int64)
Body	<b>score</b> required	score	integer (int32)

## Responses

HTTP Code	Description	Schema
200	OK	<a href="#">StarDto</a>
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

## Consumes

- `application/json`

## Produces

- `*/*`

## Tags

- StarController

# 네이버 상품 검색

GET /product/api/search

## Parameters

Type	Name	Schema
Query	<b>keyword</b> optional	string
Query	<b>pageNumber</b> optional	integer (int32)
Query	<b>pageSize</b> optional	integer (int32)

## Responses

HTTP Code	Description	Schema
200	OK	<a href="#">Response</a>
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content
404	Not Found	No Content

## Produces

- \*/\*

## Tags

- ProductController

## 상품 간략 정보 조회 & 저장

GET /product/short

## Parameters

Type	Name	Schema
Query	<b>LPrice</b> optional	integer (int32)
Query	<b>brand</b> optional	string
Query	<b>category1</b> optional	string
Query	<b>category2</b> optional	string
Query	<b>category3</b> optional	string
Query	<b>imageUrl</b> optional	string
Query	<b>naverId</b> optional	string
Query	<b>title</b> optional	string

## Responses

HTTP Code	Description	Schema
200	OK	<a href="#">Response</a>
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

## Produces

- \*/\*

## Tags

- ProductController

## 리뷰 등록

PUT /review/create

## Parameters

Type	Name	Description	Schema
Header	<b>Authentication</b> required	Authentication	string
Body	<b>create</b> required	create	<a href="#">CreateReview</a>

## Responses

HTTP Code	Description	Schema
200	OK	<a href="#">CreateReview</a>
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

## Consumes

- application/json

## Produces

- \*/\*

## Tags

- ReviewController

## 리뷰 삭제

POST /review/delete

## Parameters

Type	Name	Description	Schema
Header	<b>Authentication</b> required	Authentication	string
Query	<b>orderId</b> required	orderId	integer (int64)
Query	<b>reviewId</b> required	reviewId	integer (int64)

## Responses

HTTP Code	Description	Schema
200	OK	boolean
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

## Consumes

- `application/json`

## Produces

- `*/*`

## Tags

- ReviewController

## 리뷰 조회

GET /review/get-review

## Parameters

Type	Name	Description	Schema
Query	<b>reviewId</b> required	reviewId	integer (int64)

## Responses

HTTP Code	Description	Schema
200	OK	<a href="#">ReadReview</a>
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content
404	Not Found	No Content

## Produces

- \*/\*

## Tags

- ReviewController

## 리뷰 수정

PUT /review/modify

## Parameters

Type	Name	Description	Schema
Header	Authentication required	Authentication	string
Body	modify required	modify	<a href="#">ModifyReview</a>

## Responses

HTTP Code	Description	Schema
200	OK	<a href="#">ModifyReview</a>
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

## Consumes

- application/json

## Produces

- \*/\*

## Tags

- ReviewController



# 전체 조회수 조회

GET /view

## Parameters

Type	Name	Description	Schema
Query	<b>catId</b> required	catId	string
Query	<b>productId</b> required	productId	integer (int64)

## Responses

HTTP Code	Description	Schema
200	OK	<a href="#">ViewDto</a>
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

## Produces

- \*/\*

## Tags

- ViewController

# Definitions

## CategoryEntity

Name	Schema
<b>catId</b> optional	string
<b>catName</b> optional	string
<b>modifiedAt</b> optional	string (date-time)
<b>registeredAt</b> optional	string (date-time)

## CategoryRegisterDto

Name	Schema
<b>catName</b> optional	string
<b>catType</b> optional	string
<b>catTypeObject</b> optional	enum (ATYPE, BTYPE, CTYPE)
<b>currentCatId</b> optional	string
<b>parentCatId</b> optional	string

## CreateReview

Name	Schema
<b>orderId</b> optional	integer (int64)
<b>productId</b> optional	integer (int64)
<b>registeredAt</b> optional	string (date-time)
<b>review</b> optional	string

## MallEntity

Name	Schema
<b>mallId</b> optional	integer (int64)
<b>modifiedAt</b> optional	string (date-time)
<b>name</b> optional	string
<b>registeredAt</b> optional	string (date-time)
<b>schedulerYn</b> optional	boolean

## ModelAndView

Name	Schema
<b>empty</b> optional	boolean
<b>model</b> optional	object
<b>modelMap</b> optional	< string, object > map

Name	Schema
<b>reference</b> optional	boolean
<b>status</b> optional	enum (100 CONTINUE, 101 SWITCHING_PROTOCOLS, 102 PROCESSING, 103 CHECKPOINT, 200 OK, 201 CREATED, 202 ACCEPTED, 203 NON_AUTHORITATIVE_INFORMATION, 204 NO_CONTENT, 205 RESET_CONTENT, 206 PARTIAL_CONTENT, 207 MULTI_STATUS, 208 ALREADY_REPORTED, 226 IM_USED, 300 MULTIPLE_CHOICES, 301 MOVED_PERMANENTLY, 302 FOUND, 302 MOVED_TEMPORARILY, 303 SEE_OTHER, 304 NOT_MODIFIED, 305 USE_PROXY, 307 TEMPORARY_REDIRECT, 308 PERMANENT_REDIRECT, 400 BAD_REQUEST, 401 UNAUTHORIZED, 402 PAYMENT_REQUIRED, 403 FORBIDDEN, 404 NOT_FOUND, 405 METHOD_NOT_ALLOWED, 406 NOT_ACCEPTABLE, 407 PROXY_AUTHENTICATION_REQUIRED, 408 REQUEST_TIMEOUT, 409 CONFLICT, 410 GONE, 411 LENGTH_REQUIRED, 412 PRECONDITION_FAILED, 413 PAYLOAD_TOO_LARGE, 413 REQUEST_ENTITY_TOO_LARGE, 414 URI_TOO_LONG, 414 REQUEST_URI_TOO_LONG, 415 UNSUPPORTED_MEDIA_TYPE, 416 REQUESTED_RANGE_NOT_SATISFIABLE, 417 EXPECTATION_FAILED, 418 I_AM_A_TEAPOT, 419 INSUFFICIENT_SPACE_ON_RESOURCE, 420 METHOD_FAILURE, 421 DESTINATION_LOCKED, 422 UNPROCESSABLE_ENTITY, 423 LOCKED, 424 FAILED_DEPENDENCY, 425 TOO_EARLY, 426 UPGRADE_REQUIRED, 428 PRECONDITION_REQUIRED, 429 TOO_MANY_REQUESTS, 431 REQUEST_HEADER_FIELDS_TOO_LARGE, 451 UNAVAILABLE_FOR_LEGAL_REASONS, 500 INTERNAL_SERVER_ERROR, 501 NOT_IMPLEMENTED, 502 BAD_GATEWAY, 503 SERVICE_UNAVAILABLE, 504 GATEWAY_TIMEOUT, 505 HTTP_VERSION_NOT_SUPPORTED, 506 VARIANT_ALSO_NEGOTIATES, 507 INSUFFICIENT_STORAGE, 508 LOOP_DETECTED, 509 BANDWIDTH_LIMIT_EXCEEDED, 510 NOT_EXTENDED, 511 NETWORK_AUTHENTICATION_REQUIRED)
<b>view</b> optional	<a href="#">View</a>
<b>viewName</b> optional	string

## ModifyReview

Name	Schema
<b>modifiedAt</b> optional	string (date-time)
<b>orderId</b> optional	integer (int64)

Name	Schema
<b>productId</b> optional	integer (int64)
<b>review</b> optional	string

## NaverProduct

Name	Schema
<b>brand</b> optional	string
<b>category1</b> optional	string
<b>category2</b> optional	string
<b>category3</b> optional	string
<b>imageUrl</b> optional	string
<b>lprice</b> optional	integer (int32)
<b>naverId</b> optional	string
<b>title</b> optional	string

## PriceCompareDto

Name	Schema
<b>content</b> optional	< <a href="#">ProductDto</a> > array
<b>pageNumber</b> optional	integer (int32)
<b>pageSize</b> optional	integer (int32)
<b>totalCnt</b> optional	integer (int64)
<b>totalPage</b> optional	integer (int64)

## ProductDto

Name	Schema
<b>detailUrl</b> optional	string
<b>imageUrl</b> optional	string

Name	Schema
<b>mallName</b> optional	string
<b>price</b> optional	integer (int32)
<b>productName</b> optional	string

## ReadReview

Name	Schema
<b>memberId</b> optional	integer (int64)
<b>modifiedAt</b> optional	string (date-time)
<b>productId</b> optional	integer (int64)
<b>registeredAt</b> optional	string (date-time)
<b>review</b> optional	string
<b>reviewId</b> optional	integer (int64)

## Response

Name	Schema
<b>avgStar</b> optional	number (double)
<b>brand</b> optional	string
<b>catId</b> optional	string
<b>content</b> optional	< <a href="#">NaverProduct</a> > array
<b>imageUrl</b> optional	string
<b>likeCount</b> optional	integer (int64)
<b>mallProducts</b> optional	< <a href="#">MallEntity</a> > array
<b>name</b> optional	string
<b>naverId</b> optional	string
<b>pageNumber</b> optional	integer (int32)

Name	Schema
<b>pageSize</b> optional	integer (int32)
<b>price</b> optional	integer (int32)
<b>productId</b> optional	integer (int64)
<b>total</b> optional	integer (int64)
<b>viewCount</b> optional	integer (int64)

## StarDto

Name	Schema
<b>productId</b> optional	integer (int64)
<b>starAvg</b> optional	number (double)
<b>starCount</b> optional	integer (int64)

## View

Name	Schema
<b>contentType</b> optional	string

## ViewDto

Name	Schema
<b>catId</b> optional	string
<b>catViewAvg</b> optional	number (double)
<b>catViewCount</b> optional	integer (int64)
<b>productId</b> optional	integer (int64)
<b>productName</b> optional	string
<b>productViewCount</b> optional	integer (int64)