API Documentation

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This documentation is automatically generated from the snippet files in 'backend/target/generated-snippets'.

Auth

Forgot Password

Curl Request

```
$ curl 'http://localhost:8080/api/auth/forgot-password' -i -X POST \
    -H 'Content-Type: application/json' \
    -d '{
  "email" : "test@example.com"
}'
```

Http Request

```
POST /api/auth/forgot-password HTTP/1.1
Content-Type: application/json
Content-Length: 36
Host: localhost:8080

{
  "email" : "test@example.com"
}
```

Http Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 96

{
  "message" : "If an account exists with that email, a password reset link has been
sent."
}
```

Httpie Request

```
$ echo '{
  "email" : "test@example.com"
}' | http POST 'http://localhost:8080/api/auth/forgot-password' \
    'Content-Type:application/json'
```

Request Body

```
{
  "email" : "test@example.com"
}
```

Request Fields

Path	Type	Description
email	String	Email address to send password reset link

Response Body

```
{
  "message" : "If an account exists with that email, a password reset link has been sent."
}
```

Response Fields

Path	Type	Description
message	String	Generic message for security reasons

Login

Curl Request

```
$ curl 'http://localhost:8080/api/auth/login' -i -X POST \
    -H 'Content-Type: application/json' \
    -d '{
  "usernameOrEmail" : "testuser",
  "password" : "password123"
}'
```

Http Request

```
POST /api/auth/login HTTP/1.1
Content-Type: application/json
Content-Length: 69
Host: localhost:8080
```

```
{
  "usernameOrEmail" : "testuser",
  "password" : "password123"
}
```

Http Response

```
HTTP/1.1 200 OK
Set-Cookie: jwt=access-token; Path=/; Max-Age=0; Expires=Thu, 01 Jan 1970 00:00:00
GMT; HttpOnly; SameSite=Lax
Set-Cookie: refreshToken=refresh-token; Path=/; Max-Age=0; Expires=Thu, 01 Jan 1970
00:00:00 GMT; HttpOnly; SameSite=Lax
Content-Type: application/json
Content-Length: 164

{
  "id" : null,
  "username" : "testuser",
  "email" : "test@example.com",
  "firstName" : null,
  "lastName" : null,
  "active" : false,
  "role" : null
}
```

Httpie Request

```
$ echo '{
  "usernameOrEmail" : "testuser",
  "password" : "password123"
}' | http POST 'http://localhost:8080/api/auth/login' \
    'Content-Type:application/json'
```

Request Body

```
{
  "usernameOrEmail" : "testuser",
  "password" : "password123"
}
```

Request Fields

Path	Type	Description
usernameOrEmail	String	Username or email for authentication
password	String	User password

Response Body

```
{
  "id" : null,
  "username" : "testuser",
  "email" : "test@example.com",
  "firstName" : null,
  "lastName" : null,
  "active" : false,
  "role" : null
}
```

Response Fields

Path	Type	Description
username	String	Username of the authenticated user
email	String	Email of the authenticated user
id	Null	User ID
firstName	Null	User's first name
lastName	Null	User's last name
active	Boolean	Whether the user account is active
role	Null	User's role in the system

Login Error

Curl Request

```
$ curl 'http://localhost:8080/api/auth/login' -i -X POST \
    -H 'Content-Type: application/json' \
    -d '{
  "usernameOrEmail" : "nonexistent@example.com",
  "password" : "password123"
}'
```

Http Request

```
POST /api/auth/login HTTP/1.1
Content-Type: application/json
Content-Length: 84
Host: localhost:8080


{
  "usernameOrEmail" : "nonexistent@example.com",
  "password" : "password123"
}
```

Http Response

```
HTTP/1.1 401 Unauthorized
Content-Type: application/json
Content-Length: 56


{
  "message" : "Invalid username/email or password"
}
```

Httpie Request

```
$ echo '{
  "usernameOrEmail" : "nonexistent@example.com",
  "password" : "password123"
}' | http POST 'http://localhost:8080/api/auth/login' \
    'Content-Type:application/json'
```

Request Body

```
{
  "usernameOrEmail" : "nonexistent@example.com",
  "password" : "password123"
}
```

Request Fields

Path	Type	Description
usernameOrEmail	String	Non-existent username or email
password	String	User password

Response Body

```
{
  "message" : "Invalid username/email or password"
}
```

Response Fields

Path	Type	Description
message	String	Error message for failed login

Logout

Curl Request

```
$ curl 'http://localhost:8080/api/auth/logout' -i -X POST
```

Http Request

```
POST /api/auth/logout HTTP/1.1
Host: localhost:8080
Content-Type: application/x-www-form-urlencoded
```

Http Response

```
HTTP/1.1 200 OK
Set-Cookie: jwt=; Path=/; Max-Age=0; Expires=Thu, 01 Jan 1970 00:00:00 GMT; HttpOnly;
SameSite=Lax
Set-Cookie: refreshToken=; Path=/; Max-Age=0; Expires=Thu, 01 Jan 1970 00:00:00 GMT;
HttpOnly; SameSite=Lax
Content-Type: application/json
Content-Length: 41

{
  "message" : "Utlogging vellykket"
}
```

Httpie Request

```
$ http POST 'http://localhost:8080/api/auth/logout'
```

Request Body

Response Body

```
{
  "message" : "Utlogging vellykket"
}
```

Response Fields

Path	Type	Description
message	String	Success message after logout

Reset Password

Curl Request

```
$ curl 'http://localhost:8080/api/auth/reset-password' -i -X POST \
    -H 'Content-Type: application/json' \
    -d '{
  "token" : "reset-token-123",
  "password" : "newpassword123"
}'
```

Http Request

```
POST /api/auth/reset-password HTTP/1.1
Content-Type: application/json
Content-Length: 69
Host: localhost:8080

{
  "token" : "reset-token-123",
  "password" : "newpassword123"
}
```

Http Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 58
```

```
{
  "message" : "Password has been reset successfully"
}
```

Httpie Request

```
$ echo '{
  "token" : "reset-token-123",
  "password" : "newpassword123"
}' | http POST 'http://localhost:8080/api/auth/reset-password' \
    'Content-Type:application/json'
```

Request Body

```
{
  "token" : "reset-token-123",
  "password" : "newpassword123"
}
```

Request Fields

Path	Type	Description
token	String	Password reset token
password	String	New password

Response Body

```
{
  "message" : "Password has been reset successfully"
}
```

Response Fields

Path	Type	Description
message	String	Success message after password reset

Reset Password Expired

Curl Request

```
$ curl 'http://localhost:8080/api/auth/reset-password' -i -X POST \
    -H 'Content-Type: application/json' \
    -d '{
  "token" : "reset-token-123",
  "password" : "newpassword123"
}'
```

Http Request

```
POST /api/auth/reset-password HTTP/1.1
Content-Type: application/json
Content-Length: 69
Host: localhost:8080

{
  "token" : "reset-token-123",
  "password" : "newpassword123"
}
```

Http Response

```
HTTP/1.1 400 Bad Request
Content-Type: application/json
Content-Length: 54

{
  "message" : "Password reset token has expired"
}
```

Httpie Request

```
$ echo '{
  "token" : "reset-token-123",
  "password" : "newpassword123"
}' | http POST 'http://localhost:8080/api/auth/reset-password' \
    'Content-Type:application/json'
```

Request Body

```
{
  "token" : "reset-token-123",
  "password" : "newpassword123"
```

```
}
```

Request Fields

Path	Type	Description
token	String	Expired password reset token
password	String	New password

Response Body

```
{
   "message" : "Password reset token has expired"
}
```

Response Fields

Path	Type	Description
message	String	Error message for expired token

Validate Reset Token

Curl Request

```
$ curl 'http://localhost:8080/api/auth/reset-password/validate?token=reset-token-123'
-i -X GET
```

Http Request

```
GET /api/auth/reset-password/validate?token=reset-token-123 HTTP/1.1
Host: localhost:8080
```

Http Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 33

{
   "message" : "Valid token"
}
```

Httpie Request

```
$ http GET 'http://localhost:8080/api/auth/reset-password/validate?token=reset-token-
123'
```

Request Body

Response Body

```
{
    "message" : "Valid token"
}
```

Response Fields

Path	Type	Description
message	String	Success message for valid token

Verify

Curl Request

```
$ curl 'http://localhost:8080/api/auth/verify?token=valid-token' -i -X GET
```

Http Request

```
GET /api/auth/verify?token=valid-token HTTP/1.1
Host: localhost:8080
```

Http Response

```
HTTP/1.1 200 OK
Set-Cookie: jwt=access-token; Path=/; Max-Age=0; Expires=Thu, 01 Jan 1970 00:00:00
GMT; HttpOnly; SameSite=Lax
Set-Cookie: refreshToken=refresh-token; Path=/; Max-Age=0; Expires=Thu, 01 Jan 1970
00:00:00 GMT; HttpOnly; SameSite=Lax
Content-Type: application/json
Content-Length: 73
```

```
{
    "message" : "Email verified successfully. You are now logged in."
}
```

Httpie Request

```
$ http GET 'http://localhost:8080/api/auth/verify?token=valid-token'
```

Request Body

Response Body

```
{
    "message" : "Email verified successfully. You are now logged in."
}
```

Response Fields

Path	Type	Description
message	String	Success message after verification

Verify Invalid Token

Curl Request

```
$ curl 'http://localhost:8080/api/auth/verify?token=invalid-token' -i -X GET
```

Http Request

```
GET /api/auth/verify?token=invalid-token HTTP/1.1
Host: localhost:8080
```

Http Response

```
HTTP/1.1 400 Bad Request
Content-Type: application/json
Content-Length: 48
```

```
{
  "message" : "Invalid verification token"
}
```

Httpie Request

```
$ http GET 'http://localhost:8080/api/auth/verify?token=invalid-token'
```

Request Body

Response Body

```
{
  "message" : "Invalid verification token"
}
```

Response Fields

Path	Type	Description
message	String	Error message for invalid token

Categories

All

Curl Request

```
$ curl 'http://localhost:8080/api/categories' -i -X GET
```

Http Request

```
GET /api/categories HTTP/1.1
Host: localhost:8080
```

Http Response

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
Content-Length: 380

[ {
  "id" : 1,
  "name" : "Category 1",
  "description" : null,
  "parentId" : null,
  "createdAt" : null,
  "updatedAt" : null,
  "subcategoryIds" : null,
  "parentName" : null
}, {
  "id" : 2,
  "name" : "Category 2",
  "description" : null,
  "parentId" : null,
  "createdAt" : null,
  "updatedAt" : null,
  "subcategoryIds" : null,
  "parentName" : null
} ]
```

Httpie Request

```
$ http GET 'http://localhost:8080/api/categories'
```

Request Body

Response Body

```
[ {
  "id" : 1,
  "name" : "Category 1",
  "description" : null,
  "parentId" : null,
  "createdAt" : null,
  "updatedAt" : null,
  "subcategoryIds" : null,
  "parentName" : null
}, {
  "id" : 2,
  "name" : "Category 2",
  "description" : null,
  "parentId" : null,
  "createdAt" : null,
```

```
      "updatedAt" : null,
      "subcategoryIds" : null,
      "parentName" : null
} ]
```

Response Fields

Path	Type	Description
[].id	Number	Category ID
[].name	String	Category name
[].description	Null	Category description
[].parentId	Null	Parent category ID
[].createdAt	Null	Date and time when category was created
[].updatedAt	Null	Date and time when category was last updated
[].subcategoryIds	Null	List of subcategory IDs
[].parentName	Null	Name of the parent category

Top Five

Curl Request

```
$ curl 'http://localhost:8080/api/categories/top-five' -i -X GET
```

Http Request

```
GET /api/categories/top-five HTTP/1.1
Host: localhost:8080
```

Http Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 380

[ {
  "id" : 1,
  "name" : "Category 1",
  "description" : null,
  "parentId" : null,
```

```
    "createdAt" : null,
    "updatedAt" : null,
    "subcategoryIds" : null,
    "parentName" : null
  }, {
    "id" : 2,
    "name" : "Category 2",
    "description" : null,
    "parentId" : null,
    "createdAt" : null,
    "updatedAt" : null,
    "subcategoryIds" : null,
    "parentName" : null
  } ]
```

Httpie Request

```
$ http GET 'http://localhost:8080/api/categories/top-five'
```

Request Body

Response Body

```
[ {
    "id" : 1,
    "name" : "Category 1",
    "description" : null,
    "parentId" : null,
    "createdAt" : null,
    "updatedAt" : null,
    "subcategoryIds" : null,
    "parentName" : null
  }, {
    "id" : 2,
    "name" : "Category 2",
    "description" : null,
    "parentId" : null,
    "createdAt" : null,
    "updatedAt" : null,
    "subcategoryIds" : null,
    "parentName" : null
  } ]
```

Response Fields

Path	Type	Description
[].id	Number	Category ID
[].name	String	Category name
[].description	Null	Category description
[].parentId	Null	Parent category ID
[].createdAt	Null	Date and time when category was created
[].updatedAt	Null	Date and time when category was last updated
[].subcategoryIds	Null	List of subcategory IDs
[].parentName	Null	Name of the parent category

Favorites

Create

Curl Request

```
$ curl 'http://localhost:8080/api/favorites' -i -X POST \
    -H 'Content-Type: application/json' \
    -d '{
  "userId" : "user1",
  "itemId" : 101,
  "active" : false
}'
```

Http Request

```
POST /api/favorites HTTP/1.1
Content-Type: application/json
Content-Length: 66
Host: localhost:8080

{
  "userId" : "user1",
  "itemId" : 101,
  "active" : false
}
```

Http Response

```
HTTP/1.1 201 Created
Vary: Origin
Vary: Access-Control-Request-Method
Vary: Access-Control-Request-Headers
Content-Type: application/json
Content-Length: 125

{
  "id" : 1,
  "userId" : "user1",
  "itemId" : 101,
  "active" : false,
  "createdAt" : null,
  "updatedAt" : null
}
```

Httpie Request

```
$ echo '{
  "userId" : "user1",
  "itemId" : 101,
  "active" : false
}' | http POST 'http://localhost:8080/api/favorites' \
    'Content-Type:application/json'
```

Request Body

```
{
  "userId" : "user1",
  "itemId" : 101,
  "active" : false
}
```

Request Fields

Path	Type	Description
userId	String	User ID for the favorite
itemId	Number	Item ID for the favorite
active	Boolean	Whether the favorite is active

Response Body

```
{
  "id" : 1,
  "userId" : "user1",
  "itemId" : 101,
  "active" : false,
  "createdAt" : null,
  "updatedAt" : null
}
```

Response Fields

Path	Type	Description
id	Number	Created favorite ID
userId	String	User ID
itemId	Number	Item ID
active	Boolean	Whether the favorite is active
createdAt	Null	Date and time when favorite was created
updatedAt	Null	Date and time when favorite was last updated

Delete

Curl Request

```
$ curl 'http://localhost:8080/api/favorites/1' -i -X DELETE
```

Http Request

```
DELETE /api/favorites/1 HTTP/1.1
Host: localhost:8080
```

Http Response

```
HTTP/1.1 204 No Content
Vary: Origin
Vary: Access-Control-Request-Method
Vary: Access-Control-Request-Headers
```

Httpie Request

```
$ http DELETE 'http://localhost:8080/api/favorites/1'
```

Request Body

Response Body

Get All

Curl Request

```
$ curl 'http://localhost:8080/api/favorites' -i -X GET
```

Http Request

```
GET /api/favorites HTTP/1.1
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
Content-Length: 256

[ {
  "id" : 1,
  "userId" : "user1",
  "itemId" : 101,
  "active" : false,
  "createdAt" : null,
  "updatedAt" : null
}, {
  "id" : 2,
  "userId" : "user2",
  "itemId" : 102,
```

```
    "active" : false,
    "createdAt" : null,
    "updatedAt" : null
} ]
```

Httpie Request

```
$ http GET 'http://localhost:8080/api/favorites'
```

Request Body

Response Body

```
[ {
  "id" : 1,
  "userId" : "user1",
  "itemId" : 101,
  "active" : false,
  "createdAt" : null,
  "updatedAt" : null
}, {
  "id" : 2,
  "userId" : "user2",
  "itemId" : 102,
  "active" : false,
  "createdAt" : null,
  "updatedAt" : null
} ]
```

Response Fields

Path	Type	Description
[].id	Number	Favorite ID
[].userId	String	User ID
[].itemId	Number	Item ID
[].active	Boolean	Whether the favorite is active
[].createdAt	Null	Date and time when favorite was created
[].updatedAt	Null	Date and time when favorite was last updated

Get By Id

Curl Request

```
$ curl 'http://localhost:8080/api/favorites/1' -i -X GET
```

Http Request

```
GET /api/favorites/1 HTTP/1.1
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
Content-Length: 125

{
  "id" : 1,
  "userId" : "user1",
  "itemId" : 101,
  "active" : false,
  "createdAt" : null,
  "updatedAt" : null
}
```

Httpie Request

```
$ http GET 'http://localhost:8080/api/favorites/1'
```

Request Body

Response Body

```
{
  "id" : 1,
  "userId" : "user1",
  "itemId" : 101,
```

```
    "active" : false,
    "createdAt" : null,
    "updatedAt" : null
}
```

Response Fields

Path	Type	Description
id	Number	Favorite ID
userId	String	User ID
itemId	Number	Item ID
active	Boolean	Whether the favorite is active
createdAt	Null	Date and time when favorite was created
updatedAt	Null	Date and time when favorite was last updated

Get By User Id

Curl Request

```
$ curl 'http://localhost:8080/api/favorites/user/user1' -i -X GET
```

Http Request

```
GET /api/favorites/user/user1 HTTP/1.1
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
Content-Length: 256

[ {
    "id" : 1,
    "userId" : "user1",
    "itemId" : 101,
    "active" : false,
```

```
    "createdAt" : null,
    "updatedAt" : null
}, {
    "id" : 2,
    "userId" : "user1",
    "itemId" : 102,
    "active" : false,
    "createdAt" : null,
    "updatedAt" : null
} ]
```

Httpie Request

```
$ http GET 'http://localhost:8080/api/favorites/user/user1'
```

Request Body

Response Body

```
[ {
    "id" : 1,
    "userId" : "user1",
    "itemId" : 101,
    "active" : false,
    "createdAt" : null,
    "updatedAt" : null
}, {
    "id" : 2,
    "userId" : "user1",
    "itemId" : 102,
    "active" : false,
    "createdAt" : null,
    "updatedAt" : null
} ]
```

Response Fields

Path	Type	Description
[].id	Number	Favorite ID
[].userId	String	User ID
[].itemId	Number	Item ID
[].active	Boolean	Whether the favorite is active

Path	Type	Description
[].createdAt	Null	Date and time when favorite was created
[].updatedAt	Null	Date and time when favorite was last updated

Update

Curl Request

```
$ curl 'http://localhost:8080/api/favorites/1' -i -X PUT \
    -H 'Content-Type: application/json' \
    -d '{
  "userId" : "user1",
  "itemId" : 102,
  "active" : false
}'
```

Http Request

```
PUT /api/favorites/1 HTTP/1.1
Content-Type: application/json
Content-Length: 66
Host: localhost:8080

{
  "userId" : "user1",
  "itemId" : 102,
  "active" : false
}
```

Http Response

```
HTTP/1.1 200 OK
Vary: Origin
Vary: Access-Control-Request-Method
Vary: Access-Control-Request-Headers
Content-Type: application/json
Content-Length: 125

{
  "id" : 1,
  "userId" : "user1",
  "itemId" : 102,
  "active" : false,
```

```
    "createdAt" : null,
    "updatedAt" : null
}
```

Httpie Request

```
$ echo '{
  "userId" : "user1",
  "itemId" : 102,
  "active" : false
}' | http PUT 'http://localhost:8080/api/favorites/1' \
    'Content-Type:application/json'
```

Request Body

```
{
  "userId" : "user1",
  "itemId" : 102,
  "active" : false
}
```

Request Fields

Path	Type	Description
userId	String	User ID for the favorite
itemId	Number	Updated item ID for the favorite
active	Boolean	Whether the favorite is active

Response Body

```
{
  "id" : 1,
  "userId" : "user1",
  "itemId" : 102,
  "active" : false,
  "createdAt" : null,
  "updatedAt" : null
}
```

Response Fields

Path	Type	Description
id	Number	Favorite ID
userId	String	User ID
itemId	Number	Updated item ID
active	Boolean	Whether the favorite is active
createdAt	Null	Date and time when favorite was created
updatedAt	Null	Date and time when favorite was last updated

History

Add

Curl Request

```
$ curl 'http://localhost:8080/api/history/add/101' -i -X POST
```

Http Request

```
POST /api/history/add/101 HTTP/1.1
Host: localhost:8080
Content-Type: application/x-www-form-urlencoded
```

Http Response

```
HTTP/1.1 201 Created
Content-Type: application/json
Content-Length: 153

{
  "id" : 1,
  "userId" : 123,
  "itemId" : 101,
  "itemTitle" : null,
  "viewedAt" : [ 2025, 4, 11, 1, 50, 38, 923756400 ],
  "active" : false
}
```

Httpie Request

```
$ http POST 'http://localhost:8080/api/history/add/101'
```

Request Body

Response Body

```
{
  "id" : 1,
  "userId" : 123,
  "itemId" : 101,
  "itemTitle" : null,
  "viewedAt" : [ 2025, 4, 11, 1, 50, 38, 923756400 ],
  "active" : false
}
```

Response Fields

Path	Type	Description
id	Number	History entry ID
userId	Number	User ID
itemId	Number	Item ID
viewedAt	Array	Timestamp when the item was viewed
itemTitle	Null	Title of the viewed item
active	Boolean	Whether the history entry is active

Clear

Curl Request

```
$ curl 'http://localhost:8080/api/history/clear' -i -X DELETE
```

Http Request

```
DELETE /api/history/clear HTTP/1.1
```

```
Host: localhost:8080
```

Http Response

```
HTTP/1.1 204 No Content
```

Httpie Request

```
$ http DELETE 'http://localhost:8080/api/history/clear'
```

Request Body

Response Body

Get

Curl Request

```
$ curl 'http://localhost:8080/api/history' -i -X GET
```

Http Request

```
GET /api/history HTTP/1.1
Host: localhost:8080
```

Http Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 310

[ {
  "id" : 1,
  "userId" : 123,
  "itemId" : 101,
  "itemTitle" : null,
  "viewedAt" : [ 2025, 4, 10, 1, 50, 39, 32268100 ],
```

```
    "active" : false
}, {
  "id" : 2,
  "userId" : 123,
  "itemId" : 102,
  "itemTitle" : null,
  "viewedAt" : [ 2025, 4, 11, 1, 50, 39, 32268100 ],
  "active" : false
} ]
```

Httpie Request

```
$ http GET 'http://localhost:8080/api/history'
```

Request Body

Response Body

```
[ {
  "id" : 1,
  "userId" : 123,
  "itemId" : 101,
  "itemTitle" : null,
  "viewedAt" : [ 2025, 4, 10, 1, 50, 39, 32268100 ],
  "active" : false
}, {
  "id" : 2,
  "userId" : 123,
  "itemId" : 102,
  "itemTitle" : null,
  "viewedAt" : [ 2025, 4, 11, 1, 50, 39, 32268100 ],
  "active" : false
} ]
```

Response Fields

Path	Type	Description
[].id	Number	History entry ID
[].userId	Number	User ID
[].itemId	Number	Item ID
[].viewedAt	Array	Timestamp when the item was viewed

Path	Type	Description
[].itemTitle	Null	Title of the viewed item
[].active	Boolean	Whether the history entry is active

Pause

Curl Request

```
$ curl 'http://localhost:8080/api/history/pause/true' -i -X POST
```

Http Request

```
POST /api/history/pause/true HTTP/1.1
Host: localhost:8080
Content-Type: application/x-www-form-urlencoded
```

Http Response

```
HTTP/1.1 200 OK
```

Httpie Request

```
$ http POST 'http://localhost:8080/api/history/pause/true'
```

Request Body

Response Body

Remove

Curl Request

```
$ curl 'http://localhost:8080/api/history/remove/101' -i -X DELETE
```

Http Request

```
DELETE /api/history/remove/101 HTTP/1.1
Host: localhost:8080
```

Http Response

```
HTTP/1.1 204 No Content
```

Httpie Request

```
$ http DELETE 'http://localhost:8080/api/history/remove/101'
```

Request Body

Response Body

Items

Activate

Curl Request

```
$ curl 'http://localhost:8080/api/items/1/activate' -i -X PATCH
```

Http Request

```
PATCH /api/items/1/activate HTTP/1.1
Host: localhost:8080
Content-Type: application/x-www-form-urlencoded
```

Http Response

```
HTTP/1.1 204 No Content
```

Httpie Request

```
$ http PATCH 'http://localhost:8080/api/items/1/activate'
```

Request Body

Response Body

Create

Curl Request

```
$ curl 'http://localhost:8080/api/items' -i -X POST \
    -H 'Content-Type: application/json' \
    -d '{
  "title" : "New Item",
  "shortDescription" : "Short description",
  "longDescription" : "Long description for the item",
  "price" : 99.99,
  "categoryId" : 1,
  "locationId" : 1,
  "shippingOptionId" : 1,
  "latitude" : 59.9171,
  "longitude" : 10.7274,
  "condition" : "NEW",
  "size" : "M",
  "brand" : "Test Brand",
  "color" : "Blue",
  "images" : null,
  "vippsPaymentEnabled" : false
}'
```

Http Request

```
POST /api/items HTTP/1.1
Content-Type: application/json
Content-Length: 412
Host: localhost:8080

{
  "title" : "New Item",
```

```
  "shortDescription" : "Short description",
  "longDescription" : "Long description for the item",
  "price" : 99.99,
  "categoryId" : 1,
  "locationId" : 1,
  "shippingOptionId" : 1,
  "latitude" : 59.9171,
  "longitude" : 10.7274,
  "condition" : "NEW",
  "size" : "M",
  "brand" : "Test Brand",
  "color" : "Blue",
  "images" : null,
  "vippsPaymentEnabled" : false
}
```

Http Response

```
HTTP/1.1 201 Created
Content-Type: application/json
Content-Length: 589

{
  "id" : 1,
  "title" : "New Item",
  "shortDescription" : "Short description",
  "longDescription" : null,
  "price" : 99.99,
  "categoryId" : null,
  "categoryName" : null,
  "sellerId" : null,
  "sellerName" : null,
  "locationId" : null,
  "locationName" : null,
  "shippingOptionId" : null,
  "shippingOptionName" : null,
  "latitude" : 0.0,
  "longitude" : 0.0,
  "condition" : null,
  "size" : null,
  "brand" : null,
  "color" : null,
  "createdAt" : null,
  "updatedAt" : null,
  "images" : null,
  "available" : false,
  "vippsPaymentEnabled" : false
}
```

Httpie Request

```
$ echo '{
  "title" : "New Item",
  "shortDescription" : "Short description",
  "longDescription" : "Long description for the item",
  "price" : 99.99,
  "categoryId" : 1,
  "locationId" : 1,
  "shippingOptionId" : 1,
  "latitude" : 59.9171,
  "longitude" : 10.7274,
  "condition" : "NEW",
  "size" : "M",
  "brand" : "Test Brand",
  "color" : "Blue",
  "images" : null,
  "vippsPaymentEnabled" : false
}' | http POST 'http://localhost:8080/api/items' \
    'Content-Type:application/json'
```

Request Body

```
{
  "title" : "New Item",
  "shortDescription" : "Short description",
  "longDescription" : "Long description for the item",
  "price" : 99.99,
  "categoryId" : 1,
  "locationId" : 1,
  "shippingOptionId" : 1,
  "latitude" : 59.9171,
  "longitude" : 10.7274,
  "condition" : "NEW",
  "size" : "M",
  "brand" : "Test Brand",
  "color" : "Blue",
  "images" : null,
  "vippsPaymentEnabled" : false
}
```

Request Fields

Path	Type	Description
title	String	Item title
categoryId	Number	Category ID

Path	Type	Description
shortDescription	String	Short description of the item
longDescription	String	Detailed description of the item
price	Number	Item price
locationId	Number	Location ID
condition	String	Item condition
shippingOptionId	Number	Shipping option ID
latitude	Number	Latitude coordinate
longitude	Number	Longitude coordinate
size	String	Item size
brand	String	Item brand
color	String	Item color
vippsPaymentEnabled	Boolean	Whether Vipps payment is enabled
images	Null	Item images

Response Body

```
{
  "id" : 1,
  "title" : "New Item",
  "shortDescription" : "Short description",
  "longDescription" : null,
  "price" : 99.99,
  "categoryId" : null,
  "categoryName" : null,
  "sellerId" : null,
  "sellerName" : null,
  "locationId" : null,
  "locationName" : null,
  "shippingOptionId" : null,
  "shippingOptionName" : null,
  "latitude" : 0.0,
  "longitude" : 0.0,
  "condition" : null,
  "size" : null,
  "brand" : null,
  "color" : null,
  "createdAt" : null,
  "updatedAt" : null,
  "images" : null,
  "available" : false,
  "vippsPaymentEnabled" : false
}
```

```
    }
```

Response Fields

Path	Type	Description
id	Number	Item ID
title	String	Item title
shortDescription	String	Short description of the item
longDescription	Null	Detailed description of the item
price	Number	Item price
categoryId	Null	Category ID
categoryName	Null	Category name
sellerId	Null	Seller ID
sellerName	Null	Seller name
locationId	Null	Location ID
locationName	Null	Location name
shippingOptionId	Null	Shipping option ID
shippingOptionName	Null	Shipping option name
latitude	Number	Latitude coordinate
longitude	Number	Longitude coordinate
condition	Null	Item condition
size	Null	Item size
brand	Null	Item brand
color	Null	Item color
createdAt	Null	Creation date and time
updatedAt	Null	Last update date and time
images	Null	Item images
available	Boolean	Item availability status
vippsPaymentEnabled	Boolean	Whether Vipps payment is enabled

Deactivate

Curl Request

```
$ curl 'http://localhost:8080/api/items/1/deactivate' -i -X PATCH
```

Http Request

```
PATCH /api/items/1/deactivate HTTP/1.1
Host: localhost:8080
Content-Type: application/x-www-form-urlencoded
```

Http Response

```
HTTP/1.1 204 No Content
```

Httpie Request

```
$ http PATCH 'http://localhost:8080/api/items/1/deactivate'
```

Request Body

Response Body

Delete

Curl Request

```
$ curl 'http://localhost:8080/api/items/1' -i -X DELETE
```

Http Request

```
DELETE /api/items/1 HTTP/1.1
Host: localhost:8080
```

Http Response

```
HTTP/1.1 204 No Content
```

Httpie Request

```
$ http DELETE 'http://localhost:8080/api/items/1'
```

Request Body

Response Body

Get All Active

Curl Request

```
$ curl 'http://localhost:8080/api/items' -i -X GET
```

Http Request

```
GET /api/items HTTP/1.1
Host: localhost:8080
```

Http Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 1146

[ {
  "id" : 1,
  "title" : "Item 1",
  "shortDescription" : null,
  "longDescription" : null,
  "price" : 0.0,
  "categoryId" : null,
  "categoryName" : null,
  "sellerId" : null,
  "sellerName" : null,
  "locationId" : null,
  "locationName" : null,
  "shippingOptionId" : null,
  "shippingOptionName" : null,
```

```
    "latitude" : 0.0,
    "longitude" : 0.0,
    "condition" : null,
    "size" : null,
    "brand" : null,
    "color" : null,
    "createdAt" : null,
    "updatedAt" : null,
    "images" : null,
    "available" : false,
    "vippsPaymentEnabled" : false
  }, {
    "id" : 2,
    "title" : "Item 2",
    "shortDescription" : null,
    "longDescription" : null,
    "price" : 0.0,
    "categoryId" : null,
    "categoryName" : null,
    "sellerId" : null,
    "sellerName" : null,
    "locationId" : null,
    "locationName" : null,
    "shippingOptionId" : null,
    "shippingOptionName" : null,
    "latitude" : 0.0,
    "longitude" : 0.0,
    "condition" : null,
    "size" : null,
    "brand" : null,
    "color" : null,
    "createdAt" : null,
    "updatedAt" : null,
    "images" : null,
    "available" : false,
    "vippsPaymentEnabled" : false
  } ]
```

Httpie Request

```
$ http GET 'http://localhost:8080/api/items'
```

Request Body

Response Body

```json
[ {
  "id" : 1,
  "title" : "Item 1",
  "shortDescription" : null,
  "longDescription" : null,
  "price" : 0.0,
  "categoryId" : null,
  "categoryName" : null,
  "sellerId" : null,
  "sellerName" : null,
  "locationId" : null,
  "locationName" : null,
  "shippingOptionId" : null,
  "shippingOptionName" : null,
  "latitude" : 0.0,
  "longitude" : 0.0,
  "condition" : null,
  "size" : null,
  "brand" : null,
  "color" : null,
  "createdAt" : null,
  "updatedAt" : null,
  "images" : null,
  "available" : false,
  "vippsPaymentEnabled" : false
}, {
  "id" : 2,
  "title" : "Item 2",
  "shortDescription" : null,
  "longDescription" : null,
  "price" : 0.0,
  "categoryId" : null,
  "categoryName" : null,
  "sellerId" : null,
  "sellerName" : null,
  "locationId" : null,
  "locationName" : null,
  "shippingOptionId" : null,
  "shippingOptionName" : null,
  "latitude" : 0.0,
  "longitude" : 0.0,
  "condition" : null,
  "size" : null,
  "brand" : null,
  "color" : null,
  "createdAt" : null,
  "updatedAt" : null,
  "images" : null,
```

```
    "available" : false,
    "vippsPaymentEnabled" : false
} ]
```

Response Fields

Path	Type	Description
[].id	Number	Item ID
[].title	String	Item title
[].shortDescription	Null	Short description of the item
[].longDescription	Null	Detailed description of the item
[].price	Number	Item price
[].categoryId	Null	Category ID
[].categoryName	Null	Category name
[].sellerId	Null	Seller ID
[].sellerName	Null	Seller name
[].locationId	Null	Location ID
[].locationName	Null	Location name
[].shippingOptionId	Null	Shipping option ID
[].shippingOptionName	Null	Shipping option name
[].latitude	Number	Latitude coordinate
[].longitude	Number	Longitude coordinate
[].condition	Null	Item condition
[].size	Null	Item size
[].brand	Null	Item brand
[].color	Null	Item color
[].createdAt	Null	Creation date and time
[].updatedAt	Null	Last update date and time
[].images	Null	Item images
[].available	Boolean	Item availability status
[].vippsPaymentEnabled	Boolean	Whether Vipps payment is enabled

Get All Including Inactive

Curl Request

```
$ curl 'http://localhost:8080/api/items/all' -i -X GET
```

Http Request

```
GET /api/items/all HTTP/1.1
Host: localhost:8080
```

Http Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 1158

[ {
  "id" : 1,
  "title" : "Active Item",
  "shortDescription" : null,
  "longDescription" : null,
  "price" : 0.0,
  "categoryId" : null,
  "categoryName" : null,
  "sellerId" : null,
  "sellerName" : null,
  "locationId" : null,
  "locationName" : null,
  "shippingOptionId" : null,
  "shippingOptionName" : null,
  "latitude" : 0.0,
  "longitude" : 0.0,
  "condition" : null,
  "size" : null,
  "brand" : null,
  "color" : null,
  "createdAt" : null,
  "updatedAt" : null,
  "images" : null,
  "available" : false,
  "vippsPaymentEnabled" : false
}, {
  "id" : 2,
  "title" : "Inactive Item",
  "shortDescription" : null,
  "longDescription" : null,
  "price" : 0.0,
  "categoryId" : null,
```

```
    "categoryName" : null,
    "sellerId" : null,
    "sellerName" : null,
    "locationId" : null,
    "locationName" : null,
    "shippingOptionId" : null,
    "shippingOptionName" : null,
    "latitude" : 0.0,
    "longitude" : 0.0,
    "condition" : null,
    "size" : null,
    "brand" : null,
    "color" : null,
    "createdAt" : null,
    "updatedAt" : null,
    "images" : null,
    "available" : false,
    "vippsPaymentEnabled" : false
} ]
```

Httpie Request

```
$ http GET 'http://localhost:8080/api/items/all'
```

Request Body

Response Body

```
[ {
  "id" : 1,
  "title" : "Active Item",
  "shortDescription" : null,
  "longDescription" : null,
  "price" : 0.0,
  "categoryId" : null,
  "categoryName" : null,
  "sellerId" : null,
  "sellerName" : null,
  "locationId" : null,
  "locationName" : null,
  "shippingOptionId" : null,
  "shippingOptionName" : null,
  "latitude" : 0.0,
  "longitude" : 0.0,
  "condition" : null,
```

```
      "size" : null,
      "brand" : null,
      "color" : null,
      "createdAt" : null,
      "updatedAt" : null,
      "images" : null,
      "available" : false,
      "vippsPaymentEnabled" : false
  }, {
      "id" : 2,
      "title" : "Inactive Item",
      "shortDescription" : null,
      "longDescription" : null,
      "price" : 0.0,
      "categoryId" : null,
      "categoryName" : null,
      "sellerId" : null,
      "sellerName" : null,
      "locationId" : null,
      "locationName" : null,
      "shippingOptionId" : null,
      "shippingOptionName" : null,
      "latitude" : 0.0,
      "longitude" : 0.0,
      "condition" : null,
      "size" : null,
      "brand" : null,
      "color" : null,
      "createdAt" : null,
      "updatedAt" : null,
      "images" : null,
      "available" : false,
      "vippsPaymentEnabled" : false
  } ]
```

Response Fields

Path	Type	Description
[].id	Number	Item ID
[].title	String	Item title
[].shortDescription	Null	Short description of the item
[].longDescription	Null	Detailed description of the item
[].price	Number	Item price
[].categoryId	Null	Category ID
[].categoryName	Null	Category name
[].sellerId	Null	Seller ID

Path	Type	Description
[].sellerName	Null	Seller name
[].locationId	Null	Location ID
[].locationName	Null	Location name
[].shippingOptionId	Null	Shipping option ID
[].shippingOptionName	Null	Shipping option name
[].latitude	Number	Latitude coordinate
[].longitude	Number	Longitude coordinate
[].condition	Null	Item condition
[].size	Null	Item size
[].brand	Null	Item brand
[].color	Null	Item color
[].createdAt	Null	Creation date and time
[].updatedAt	Null	Last update date and time
[].images	Null	Item images
[].available	Boolean	Item availability status
[].vippsPaymentEnabled	Boolean	Whether Vipps payment is enabled

Get By Id

Curl Request

```
$ curl 'http://localhost:8080/api/items/1' -i -X GET
```

Http Request

```
GET /api/items/1 HTTP/1.1
Host: localhost:8080
```

Http Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 573

{
  "id" : 1,
```

```
      "title" : "Test Item",
      "shortDescription" : null,
      "longDescription" : null,
      "price" : 0.0,
      "categoryId" : null,
      "categoryName" : null,
      "sellerId" : null,
      "sellerName" : null,
      "locationId" : null,
      "locationName" : null,
      "shippingOptionId" : null,
      "shippingOptionName" : null,
      "latitude" : 0.0,
      "longitude" : 0.0,
      "condition" : null,
      "size" : null,
      "brand" : null,
      "color" : null,
      "createdAt" : null,
      "updatedAt" : null,
      "images" : null,
      "available" : false,
      "vippsPaymentEnabled" : false
    }
```

Httpie Request

```
$ http GET 'http://localhost:8080/api/items/1'
```

Request Body

Response Body

```
{
  "id" : 1,
  "title" : "Test Item",
  "shortDescription" : null,
  "longDescription" : null,
  "price" : 0.0,
  "categoryId" : null,
  "categoryName" : null,
  "sellerId" : null,
  "sellerName" : null,
  "locationId" : null,
  "locationName" : null,
```

```
    "shippingOptionId" : null,
    "shippingOptionName" : null,
    "latitude" : 0.0,
    "longitude" : 0.0,
    "condition" : null,
    "size" : null,
    "brand" : null,
    "color" : null,
    "createdAt" : null,
    "updatedAt" : null,
    "images" : null,
    "available" : false,
    "vippsPaymentEnabled" : false
}
```

Response Fields

Path	Type	Description
id	Number	Item ID
title	String	Item title
shortDescription	Null	Short description of the item
longDescription	Null	Detailed description of the item
price	Number	Item price
categoryId	Null	Category ID
categoryName	Null	Category name
sellerId	Null	Seller ID
sellerName	Null	Seller name
locationId	Null	Location ID
locationName	Null	Location name
shippingOptionId	Null	Shipping option ID
shippingOptionName	Null	Shipping option name
latitude	Number	Latitude coordinate
longitude	Number	Longitude coordinate
condition	Null	Item condition
size	Null	Item size
brand	Null	Item brand
color	Null	Item color
createdAt	Null	Creation date and time
updatedAt	Null	Last update date and time

Path	Type	Description
images	Null	Item images
available	Boolean	Item availability status
vippsPaymentEnabled	Boolean	Whether Vipps payment is enabled

Get By Seller

Curl Request

```
$ curl 'http://localhost:8080/api/items/seller/123' -i -X GET
```

Http Request

```
GET /api/items/seller/123 HTTP/1.1
Host: localhost:8080
```

Http Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 1160

[ {
  "id" : 1,
  "title" : "Seller Item 1",
  "shortDescription" : null,
  "longDescription" : null,
  "price" : 0.0,
  "categoryId" : null,
  "categoryName" : null,
  "sellerId" : null,
  "sellerName" : null,
  "locationId" : null,
  "locationName" : null,
  "shippingOptionId" : null,
  "shippingOptionName" : null,
  "latitude" : 0.0,
  "longitude" : 0.0,
  "condition" : null,
  "size" : null,
  "brand" : null,
  "color" : null,
  "createdAt" : null,
```

```
    "updatedAt" : null,
    "images" : null,
    "available" : false,
    "vippsPaymentEnabled" : false
}, {
    "id" : 2,
    "title" : "Seller Item 2",
    "shortDescription" : null,
    "longDescription" : null,
    "price" : 0.0,
    "categoryId" : null,
    "categoryName" : null,
    "sellerId" : null,
    "sellerName" : null,
    "locationId" : null,
    "locationName" : null,
    "shippingOptionId" : null,
    "shippingOptionName" : null,
    "latitude" : 0.0,
    "longitude" : 0.0,
    "condition" : null,
    "size" : null,
    "brand" : null,
    "color" : null,
    "createdAt" : null,
    "updatedAt" : null,
    "images" : null,
    "available" : false,
    "vippsPaymentEnabled" : false
} ]
```

Httpie Request

```
$ http GET 'http://localhost:8080/api/items/seller/123'
```

Request Body

Response Body

```
[ {
    "id" : 1,
    "title" : "Seller Item 1",
    "shortDescription" : null,
    "longDescription" : null,
    "price" : 0.0,
```

```
    "categoryId" : null,
    "categoryName" : null,
    "sellerId" : null,
    "sellerName" : null,
    "locationId" : null,
    "locationName" : null,
    "shippingOptionId" : null,
    "shippingOptionName" : null,
    "latitude" : 0.0,
    "longitude" : 0.0,
    "condition" : null,
    "size" : null,
    "brand" : null,
    "color" : null,
    "createdAt" : null,
    "updatedAt" : null,
    "images" : null,
    "available" : false,
    "vippsPaymentEnabled" : false
}, {
    "id" : 2,
    "title" : "Seller Item 2",
    "shortDescription" : null,
    "longDescription" : null,
    "price" : 0.0,
    "categoryId" : null,
    "categoryName" : null,
    "sellerId" : null,
    "sellerName" : null,
    "locationId" : null,
    "locationName" : null,
    "shippingOptionId" : null,
    "shippingOptionName" : null,
    "latitude" : 0.0,
    "longitude" : 0.0,
    "condition" : null,
    "size" : null,
    "brand" : null,
    "color" : null,
    "createdAt" : null,
    "updatedAt" : null,
    "images" : null,
    "available" : false,
    "vippsPaymentEnabled" : false
} ]
```

Response Fields

Path	Type	Description
[].id	Number	Item ID
[].title	String	Item title
[].shortDescription	Null	Short description of the item
[].longDescription	Null	Detailed description of the item
[].price	Number	Item price
[].categoryId	Null	Category ID
[].categoryName	Null	Category name
[].sellerId	Null	Seller ID
[].sellerName	Null	Seller name
[].locationId	Null	Location ID
[].locationName	Null	Location name
[].shippingOptionId	Null	Shipping option ID
[].shippingOptionName	Null	Shipping option name
[].latitude	Number	Latitude coordinate
[].longitude	Number	Longitude coordinate
[].condition	Null	Item condition
[].size	Null	Item size
[].brand	Null	Item brand
[].color	Null	Item color
[].createdAt	Null	Creation date and time
[].updatedAt	Null	Last update date and time
[].images	Null	Item images
[].available	Boolean	Item availability status
[].vippsPaymentEnabled	Boolean	Whether Vipps payment is enabled

Update

Curl Request

```
$ curl 'http://localhost:8080/api/items/1' -i -X PUT \
    -H 'Content-Type: application/json' \
    -d '{
  "title" : "Updated Item",
  "shortDescription" : "Updated short description",
  "longDescription" : "Updated long description for the item",
```

```
    "price" : 129.99,
    "categoryId" : 2,
    "locationId" : 1,
    "shippingOptionId" : 1,
    "latitude" : 59.9171,
    "longitude" : 10.7274,
    "condition" : "USED",
    "size" : "L",
    "brand" : "Updated Brand",
    "color" : "Red",
    "images" : null,
    "vippsPaymentEnabled" : false
}'
```

Http Request

```
PUT /api/items/1 HTTP/1.1
Content-Type: application/json
Content-Length: 436
Host: localhost:8080

{
  "title" : "Updated Item",
  "shortDescription" : "Updated short description",
  "longDescription" : "Updated long description for the item",
  "price" : 129.99,
  "categoryId" : 2,
  "locationId" : 1,
  "shippingOptionId" : 1,
  "latitude" : 59.9171,
  "longitude" : 10.7274,
  "condition" : "USED",
  "size" : "L",
  "brand" : "Updated Brand",
  "color" : "Red",
  "images" : null,
  "vippsPaymentEnabled" : false
}
```

Http Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 602

{
  "id" : 1,
  "title" : "Updated Item",
```

```
  "shortDescription" : "Updated short description",
  "longDescription" : null,
  "price" : 129.99,
  "categoryId" : null,
  "categoryName" : null,
  "sellerId" : null,
  "sellerName" : null,
  "locationId" : null,
  "locationName" : null,
  "shippingOptionId" : null,
  "shippingOptionName" : null,
  "latitude" : 0.0,
  "longitude" : 0.0,
  "condition" : null,
  "size" : null,
  "brand" : null,
  "color" : null,
  "createdAt" : null,
  "updatedAt" : null,
  "images" : null,
  "available" : false,
  "vippsPaymentEnabled" : false
}
```

Httpie Request

```
$ echo '{
  "title" : "Updated Item",
  "shortDescription" : "Updated short description",
  "longDescription" : "Updated long description for the item",
  "price" : 129.99,
  "categoryId" : 2,
  "locationId" : 1,
  "shippingOptionId" : 1,
  "latitude" : 59.9171,
  "longitude" : 10.7274,
  "condition" : "USED",
  "size" : "L",
  "brand" : "Updated Brand",
  "color" : "Red",
  "images" : null,
  "vippsPaymentEnabled" : false
}' | http PUT 'http://localhost:8080/api/items/1' \
    'Content-Type:application/json'
```

Request Body

```
{
```

```
    "title" : "Updated Item",
    "shortDescription" : "Updated short description",
    "longDescription" : "Updated long description for the item",
    "price" : 129.99,
    "categoryId" : 2,
    "locationId" : 1,
    "shippingOptionId" : 1,
    "latitude" : 59.9171,
    "longitude" : 10.7274,
    "condition" : "USED",
    "size" : "L",
    "brand" : "Updated Brand",
    "color" : "Red",
    "images" : null,
    "vippsPaymentEnabled" : false
  }
```

Request Fields

Path	Type	Description
title	String	Item title
categoryId	Number	Category ID
shortDescription	String	Short description of the item
longDescription	String	Detailed description of the item
price	Number	Item price
locationId	Number	Location ID
condition	String	Item condition
shippingOptionId	Number	Shipping option ID
latitude	Number	Latitude coordinate
longitude	Number	Longitude coordinate
size	String	Item size
brand	String	Item brand
color	String	Item color
vippsPaymentEnabled	Boolean	Whether Vipps payment is enabled
images	Null	Item images

Response Body

```
  {
    "id" : 1,
    "title" : "Updated Item",
```

```
      "shortDescription" : "Updated short description",
      "longDescription" : null,
      "price" : 129.99,
      "categoryId" : null,
      "categoryName" : null,
      "sellerId" : null,
      "sellerName" : null,
      "locationId" : null,
      "locationName" : null,
      "shippingOptionId" : null,
      "shippingOptionName" : null,
      "latitude" : 0.0,
      "longitude" : 0.0,
      "condition" : null,
      "size" : null,
      "brand" : null,
      "color" : null,
      "createdAt" : null,
      "updatedAt" : null,
      "images" : null,
      "available" : false,
      "vippsPaymentEnabled" : false
    }
```

Response Fields

Path	Type	Description
id	Number	Item ID
title	String	Item title
shortDescription	String	Short description of the item
longDescription	Null	Detailed description of the item
price	Number	Item price
categoryId	Null	Category ID
categoryName	Null	Category name
sellerId	Null	Seller ID
sellerName	Null	Seller name
locationId	Null	Location ID
locationName	Null	Location name
shippingOptionId	Null	Shipping option ID
shippingOptionName	Null	Shipping option name
latitude	Number	Latitude coordinate
longitude	Number	Longitude coordinate

Path	Type	Description
condition	Null	Item condition
size	Null	Item size
brand	Null	Item brand
color	Null	Item color
createdAt	Null	Creation date and time
updatedAt	Null	Last update date and time
images	Null	Item images
available	Boolean	Item availability status
vippsPaymentEnabled	Boolean	Whether Vipps payment is enabled

Me

Change Password

Curl Request

```
$ curl 'http://localhost:8080/api/me/change-password' -i -X POST \
    -H 'Content-Type: application/json' \
    -d '{
  "currentPassword" : "oldPassword",
  "newPassword" : "newPassword"
}'
```

Http Request

```
POST /api/me/change-password HTTP/1.1
Content-Type: application/json
Content-Length: 75
Host: localhost:8080

{
  "currentPassword" : "oldPassword",
  "newPassword" : "newPassword"
}
```

Http Response

```
HTTP/1.1 200 OK
```

```
Content-Type: application/json
Content-Length: 51

{
  "message" : "Password changed successfully"
}
```

Httpie Request

```
$ echo '{
  "currentPassword" : "oldPassword",
  "newPassword" : "newPassword"
}' | http POST 'http://localhost:8080/api/me/change-password' \
    'Content-Type:application/json'
```

Request Body

```
{
  "currentPassword" : "oldPassword",
  "newPassword" : "newPassword"
}
```

Request Fields

Path	Type	Description
currentPassword	String	Current password
newPassword	String	New password

Response Body

```
{
  "message" : "Password changed successfully"
}
```

Response Fields

Path	Type	Description
message	String	Success message

Change Password Invalid

Curl Request

```
$ curl 'http://localhost:8080/api/me/change-password' -i -X POST \
    -H 'Content-Type: application/json' \
    -d '{
  "currentPassword" : "wrongPassword",
  "newPassword" : "newPassword"
}'
```

Http Request

```
POST /api/me/change-password HTTP/1.1
Content-Type: application/json
Content-Length: 77
Host: localhost:8080

{
  "currentPassword" : "wrongPassword",
  "newPassword" : "newPassword"
}
```

Http Response

```
HTTP/1.1 400 Bad Request
Content-Type: application/json
Content-Length: 46

{
  "message" : "Invalid current password"
}
```

Httpie Request

```
$ echo '{
  "currentPassword" : "wrongPassword",
  "newPassword" : "newPassword"
}' | http POST 'http://localhost:8080/api/me/change-password' \
    'Content-Type:application/json'
```

Request Body

```
{
  "currentPassword" : "wrongPassword",
  "newPassword" : "newPassword"
```

```
}
```

Request Fields

Path	Type	Description
currentPassword	String	Incorrect current password
newPassword	String	New password

Response Body

```
{
    "message" : "Invalid current password"
}
```

Response Fields

Path	Type	Description
message	String	Error message

Change Password Missing Fields

Curl Request

```
$ curl 'http://localhost:8080/api/me/change-password' -i -X POST \
    -H 'Content-Type: application/json' \
    -d '{
  "currentPassword" : null,
  "newPassword" : null
}'
```

Http Request

```
POST /api/me/change-password HTTP/1.1
Content-Type: application/json
Content-Length: 57
Host: localhost:8080

{
  "currentPassword" : null,
  "newPassword" : null
}
```

Http Response

```
HTTP/1.1 400 Bad Request
Content-Type: application/json
Content-Length: 50

{
  "message" : "Current password is required"
}
```

Httpie Request

```
$ echo '{
    "currentPassword" : null,
    "newPassword" : null
}' | http POST 'http://localhost:8080/api/me/change-password' \
    'Content-Type:application/json'
```

Request Body

```
{
  "currentPassword" : null,
  "newPassword" : null
}
```

Response Body

```
{
  "message" : "Current password is required"
}
```

Response Fields

Path	Type	Description
message	String	Error message

Get Current User

Curl Request

```
$ curl 'http://localhost:8080/api/me' -i -X GET
```

Http Request

```
GET /api/me HTTP/1.1
Host: localhost:8080
```

Http Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 161

{
  "id" : 1,
  "username" : "testuser",
  "email" : "test@example.com",
  "firstName" : null,
  "lastName" : null,
  "active" : false,
  "role" : null
}
```

Httpie Request

```
$ http GET 'http://localhost:8080/api/me'
```

Request Body

Response Body

```
{
  "id" : 1,
  "username" : "testuser",
  "email" : "test@example.com",
  "firstName" : null,
  "lastName" : null,
  "active" : false,
  "role" : null
}
```

Response Fields

Path	Type	Description
id	Number	User ID
username	String	Username
email	String	User email
firstName	Null	User's first name
lastName	Null	User's last name
active	Boolean	Whether the user account is active
role	Null	User's role in the system

Get Not Found

Curl Request

```
$ curl 'http://localhost:8080/api/me' -i -X GET
```

Http Request

```
GET /api/me HTTP/1.1
Host: localhost:8080
```

Http Response

```
HTTP/1.1 404 Not Found
Content-Type: application/json
Content-Length: 36

{
  "message" : "User not found"
}
```

Httpie Request

```
$ http GET 'http://localhost:8080/api/me'
```

Request Body

Response Body

```
{
  "message" : "User not found"
}
```

Response Fields

Path	Type	Description
message	String	Error message

Get Unauthorized

Curl Request

```
$ curl 'http://localhost:8080/api/me' -i -X GET
```

Http Request

```
GET /api/me HTTP/1.1
Host: localhost:8080
```

Http Response

```
HTTP/1.1 401 Unauthorized
Content-Type: application/json
Content-Length: 34

{
  "message" : "Unauthorized"
}
```

Httpie Request

```
$ http GET 'http://localhost:8080/api/me'
```

Request Body

Response Body

```
{
  "message" : "Unauthorized"
}
```

Response Fields

Path	Type	Description
message	String	Error message

Review

Create

Curl Request

```
$ curl 'http://localhost:8080/api/reviews' -i -X POST \
    -H 'Content-Type: application/json' \
    -d '{
  "id" : null,
  "comment" : "Great seller!",
  "rating" : 5,
  "createdAt" : null,
  "revieweeId" : 201,
  "revieweeUsername" : null,
  "reviewerId" : 101,
  "reviewerUsername" : null,
  "transactionId" : null
}'
```

Http Request

```
POST /api/reviews HTTP/1.1
Content-Type: application/json
Content-Length: 224
Host: localhost:8080

{
  "id" : null,
  "comment" : "Great seller!",
  "rating" : 5,
  "createdAt" : null,
  "revieweeId" : 201,
```

```
    "revieweeUsername" : null,
    "reviewerId" : 101,
    "reviewerUsername" : null,
    "transactionId" : null
}
```

Http Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 221

{
  "id" : 1,
  "comment" : "Great seller!",
  "rating" : 5,
  "createdAt" : null,
  "revieweeId" : 201,
  "revieweeUsername" : null,
  "reviewerId" : 101,
  "reviewerUsername" : null,
  "transactionId" : null
}
```

Httpie Request

```
$ echo '{
  "id" : null,
  "comment" : "Great seller!",
  "rating" : 5,
  "createdAt" : null,
  "revieweeId" : 201,
  "revieweeUsername" : null,
  "reviewerId" : 101,
  "reviewerUsername" : null,
  "transactionId" : null
}' | http POST 'http://localhost:8080/api/reviews' \
    'Content-Type:application/json'
```

Request Body

```
{
  "id" : null,
  "comment" : "Great seller!",
  "rating" : 5,
  "createdAt" : null,
```

```
    "revieweeId" : 201,
    "revieweeUsername" : null,
    "reviewerId" : 101,
    "reviewerUsername" : null,
    "transactionId" : null
  }
```

Request Fields

Path	Type	Description
reviewerId	Number	Reviewer ID
revieweeId	Number	Reviewee ID
rating	Number	Rating (1-5)
comment	String	Review comment
id	Null	Review ID
transactionId	Null	ID of the associated transaction
revieweeUsername	Null	Username of the reviewee
reviewerUsername	Null	Username of the reviewer
createdAt	Null	Date when review was created

Response Body

```
{
  "id" : 1,
  "comment" : "Great seller!",
  "rating" : 5,
  "createdAt" : null,
  "revieweeId" : 201,
  "revieweeUsername" : null,
  "reviewerId" : 101,
  "reviewerUsername" : null,
  "transactionId" : null
}
```

Response Fields

Path	Type	Description
id	Number	Created review ID
reviewerId	Number	Reviewer ID
revieweeId	Number	Reviewee ID
rating	Number	Rating (1-5)

Path	Type	Description
comment	String	Review comment
createdAt	Null	Date when review was created
revieweeUsername	Null	Username of the reviewee
reviewerUsername	Null	Username of the reviewer
transactionId	Null	ID of the associated transaction

Delete

Curl Request

```
$ curl 'http://localhost:8080/api/reviews/1' -i -X DELETE
```

Http Request

```
DELETE /api/reviews/1 HTTP/1.1
Host: localhost:8080
```

Http Response

```
HTTP/1.1 204 No Content
```

Httpie Request

```
$ http DELETE 'http://localhost:8080/api/reviews/1'
```

Request Body

Response Body

Get By Id

Curl Request

```
$ curl 'http://localhost:8080/api/reviews/1' -i -X GET
```

Http Request

```
GET /api/reviews/1 HTTP/1.1
Host: localhost:8080
```

Http Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 221

{
  "id" : 1,
  "comment" : "Great seller!",
  "rating" : 5,
  "createdAt" : null,
  "revieweeId" : 201,
  "revieweeUsername" : null,
  "reviewerId" : 101,
  "reviewerUsername" : null,
  "transactionId" : null
}
```

Httpie Request

```
$ http GET 'http://localhost:8080/api/reviews/1'
```

Request Body

Response Body

```
{
  "id" : 1,
  "comment" : "Great seller!",
  "rating" : 5,
  "createdAt" : null,
  "revieweeId" : 201,
```

```
    "revieweeUsername" : null,
    "reviewerId" : 101,
    "reviewerUsername" : null,
    "transactionId" : null
}
```

Response Fields

Path	Type	Description
id	Number	Review ID
reviewerId	Number	Reviewer ID
revieweeId	Number	Reviewee ID
rating	Number	Rating (1-5)
comment	String	Review comment
createdAt	Null	Date when review was created
revieweeUsername	Null	Username of the reviewee
reviewerUsername	Null	Username of the reviewer
transactionId	Null	ID of the associated transaction

Update

Curl Request

```
$ curl 'http://localhost:8080/api/reviews/1' -i -X PUT \
    -H 'Content-Type: application/json' \
    -d '{
  "id" : null,
  "comment" : "Updated: Good seller!",
  "rating" : 4,
  "createdAt" : null,
  "revieweeId" : 201,
  "revieweeUsername" : null,
  "reviewerId" : 101,
  "reviewerUsername" : null,
  "transactionId" : null
}'
```

Http Request

```
PUT /api/reviews/1 HTTP/1.1
Content-Type: application/json
Content-Length: 232
```

```
Host: localhost:8080

{
  "id" : null,
  "comment" : "Updated: Good seller!",
  "rating" : 4,
  "createdAt" : null,
  "revieweeId" : 201,
  "revieweeUsername" : null,
  "reviewerId" : 101,
  "reviewerUsername" : null,
  "transactionId" : null
}
```

Http Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 229

{
  "id" : 1,
  "comment" : "Updated: Good seller!",
  "rating" : 4,
  "createdAt" : null,
  "revieweeId" : 201,
  "revieweeUsername" : null,
  "reviewerId" : 101,
  "reviewerUsername" : null,
  "transactionId" : null
}
```

Httpie Request

```
$ echo '{
  "id" : null,
  "comment" : "Updated: Good seller!",
  "rating" : 4,
  "createdAt" : null,
  "revieweeId" : 201,
  "revieweeUsername" : null,
  "reviewerId" : 101,
  "reviewerUsername" : null,
  "transactionId" : null
}' | http PUT 'http://localhost:8080/api/reviews/1' \
    'Content-Type:application/json'
```

Request Body

```
{
  "id" : null,
  "comment" : "Updated: Good seller!",
  "rating" : 4,
  "createdAt" : null,
  "revieweeId" : 201,
  "revieweeUsername" : null,
  "reviewerId" : 101,
  "reviewerUsername" : null,
  "transactionId" : null
}
```

Request Fields

Path	Type	Description
reviewerId	Number	Reviewer ID
revieweeId	Number	Reviewee ID
rating	Number	Updated rating (1-5)
comment	String	Updated review comment
id	Null	Review ID
transactionId	Null	ID of the associated transaction
revieweeUsername	Null	Username of the reviewee
reviewerUsername	Null	Username of the reviewer
createdAt	Null	Date when review was created

Response Body

```
{
  "id" : 1,
  "comment" : "Updated: Good seller!",
  "rating" : 4,
  "createdAt" : null,
  "revieweeId" : 201,
  "revieweeUsername" : null,
  "reviewerId" : 101,
  "reviewerUsername" : null,
  "transactionId" : null
}
```

Response Fields

Path	Type	Description
id	Number	Review ID
reviewerId	Number	Reviewer ID
revieweeId	Number	Reviewee ID
rating	Number	Updated rating (1-5)
comment	String	Updated review comment
createdAt	Null	Date when review was created
revieweeUsername	Null	Username of the reviewee
reviewerUsername	Null	Username of the reviewer
transactionId	Null	ID of the associated transaction

Reviews

Get All

Curl Request

```
$ curl 'http://localhost:8080/api/reviews' -i -X GET
```

Http Request

```
GET /api/reviews HTTP/1.1
Host: localhost:8080
```

Http Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 451

[ {
  "id" : 1,
  "comment" : "Great seller!",
  "rating" : 5,
  "createdAt" : null,
  "revieweeId" : 201,
  "revieweeUsername" : null,
  "reviewerId" : 101,
  "reviewerUsername" : null,
```

```
    "transactionId" : null
}, {
  "id" : 2,
  "comment" : "Good transaction",
  "rating" : 4,
  "createdAt" : null,
  "revieweeId" : 202,
  "revieweeUsername" : null,
  "reviewerId" : 102,
  "reviewerUsername" : null,
  "transactionId" : null
} ]
```

Httpie Request

```
$ http GET 'http://localhost:8080/api/reviews'
```

Request Body

Response Body

```
[ {
  "id" : 1,
  "comment" : "Great seller!",
  "rating" : 5,
  "createdAt" : null,
  "revieweeId" : 201,
  "revieweeUsername" : null,
  "reviewerId" : 101,
  "reviewerUsername" : null,
  "transactionId" : null
}, {
  "id" : 2,
  "comment" : "Good transaction",
  "rating" : 4,
  "createdAt" : null,
  "revieweeId" : 202,
  "revieweeUsername" : null,
  "reviewerId" : 102,
  "reviewerUsername" : null,
  "transactionId" : null
} ]
```

Response Fields

Path	Type	Description
`[].id`	`Number`	Review ID
`[].reviewerId`	`Number`	Reviewer ID
`[].revieweeId`	`Number`	Reviewee ID
`[].rating`	`Number`	Rating (1-5)
`[].comment`	`String`	Review comment
`[].createdAt`	`Null`	Date when review was created
`[].revieweeUsername`	`Null`	Username of the reviewee
`[].reviewerUsername`	`Null`	Username of the reviewer
`[].transactionId`	`Null`	ID of the associated transaction

Get By Reviewee

Curl Request

```
$ curl 'http://localhost:8080/api/reviews/reviewee/201' -i -X GET
```

Http Request

```
GET /api/reviews/reviewee/201 HTTP/1.1
Host: localhost:8080
```

Http Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 451

[ {
  "id" : 1,
  "comment" : "Great seller!",
  "rating" : 5,
  "createdAt" : null,
  "revieweeId" : 201,
  "revieweeUsername" : null,
  "reviewerId" : 101,
  "reviewerUsername" : null,
  "transactionId" : null
}, {
  "id" : 2,
```

```
    "comment" : "Good transaction",
    "rating" : 4,
    "createdAt" : null,
    "revieweeId" : 201,
    "revieweeUsername" : null,
    "reviewerId" : 102,
    "reviewerUsername" : null,
    "transactionId" : null
} ]
```

Httpie Request

```
$ http GET 'http://localhost:8080/api/reviews/reviewee/201'
```

Request Body

Response Body

```
[ {
  "id" : 1,
  "comment" : "Great seller!",
  "rating" : 5,
  "createdAt" : null,
  "revieweeId" : 201,
  "revieweeUsername" : null,
  "reviewerId" : 101,
  "reviewerUsername" : null,
  "transactionId" : null
}, {
  "id" : 2,
  "comment" : "Good transaction",
  "rating" : 4,
  "createdAt" : null,
  "revieweeId" : 201,
  "revieweeUsername" : null,
  "reviewerId" : 102,
  "reviewerUsername" : null,
  "transactionId" : null
} ]
```

Response Fields

Path	Type	Description
[].id	Number	Review ID
[].reviewerId	Number	Reviewer ID
[].revieweeId	Number	Reviewee ID
[].rating	Number	Rating (1-5)
[].comment	String	Review comment
[].createdAt	Null	Date when review was created
[].revieweeUsername	Null	Username of the reviewee
[].reviewerUsername	Null	Username of the reviewer
[].transactionId	Null	ID of the associated transaction

Get By Reviewer

Curl Request

```
$ curl 'http://localhost:8080/api/reviews/reviewer/101' -i -X GET
```

Http Request

```
GET /api/reviews/reviewer/101 HTTP/1.1
Host: localhost:8080
```

Http Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 451

[ {
  "id" : 1,
  "comment" : "Great seller!",
  "rating" : 5,
  "createdAt" : null,
  "revieweeId" : 201,
  "revieweeUsername" : null,
  "reviewerId" : 101,
  "reviewerUsername" : null,
  "transactionId" : null
}, {
  "id" : 2,
  "comment" : "Good transaction",
  "rating" : 4,
```

```
    "createdAt" : null,
    "revieweeId" : 202,
    "revieweeUsername" : null,
    "reviewerId" : 101,
    "reviewerUsername" : null,
    "transactionId" : null
} ]
```

Httpie Request

```
$ http GET 'http://localhost:8080/api/reviews/reviewer/101'
```

Request Body

Response Body

```
[ {
    "id" : 1,
    "comment" : "Great seller!",
    "rating" : 5,
    "createdAt" : null,
    "revieweeId" : 201,
    "revieweeUsername" : null,
    "reviewerId" : 101,
    "reviewerUsername" : null,
    "transactionId" : null
}, {
    "id" : 2,
    "comment" : "Good transaction",
    "rating" : 4,
    "createdAt" : null,
    "revieweeId" : 202,
    "revieweeUsername" : null,
    "reviewerId" : 101,
    "reviewerUsername" : null,
    "transactionId" : null
} ]
```

Response Fields

Path	Type	Description
[].id	Number	Review ID
[].reviewerId	Number	Reviewer ID

Path	Type	Description
[].revieweeId	Number	Reviewee ID
[].rating	Number	Rating (1-5)
[].comment	String	Review comment
[].createdAt	Null	Date when review was created
[].revieweeUsername	Null	Username of the reviewee
[].reviewerUsername	Null	Username of the reviewer
[].transactionId	Null	ID of the associated transaction

Shipping

Option Create

Curl Request

```
$ curl 'http://localhost:8080/api/shipping-options' -i -X POST \
    -H 'Content-Type: application/json' \
    -d '{
  "name" : "Premium Shipping",
  "description" : null,
  "estimatedDays" : 0,
  "price" : 0.0,
  "tracked" : false
}'
```

Http Request

```
POST /api/shipping-options HTTP/1.1
Content-Type: application/json
Content-Length: 124
Host: localhost:8080

{
  "name" : "Premium Shipping",
  "description" : null,
  "estimatedDays" : 0,
  "price" : 0.0,
  "tracked" : false
}
```

Http Response

```
HTTP/1.1 201 Created
Content-Type: application/json
Content-Length: 137

{
  "id" : 3,
  "name" : "Premium Shipping",
  "description" : null,
  "estimatedDays" : 0,
  "price" : 0.0,
  "tracked" : false
}
```

Httpie Request

```
$ echo '{
  "name" : "Premium Shipping",
  "description" : null,
  "estimatedDays" : 0,
  "price" : 0.0,
  "tracked" : false
}' | http POST 'http://localhost:8080/api/shipping-options' \
    'Content-Type:application/json'
```

Request Body

```
{
  "name" : "Premium Shipping",
  "description" : null,
  "estimatedDays" : 0,
  "price" : 0.0,
  "tracked" : false
}
```

Request Fields

Path	Type	Description
name	String	Shipping option name
description	Null	Shipping option description
estimatedDays	Number	Estimated delivery days
price	Number	Shipping price

Path	Type	Description
tracked	Boolean	Whether the shipping is tracked

Response Body

```
{
  "id" : 3,
  "name" : "Premium Shipping",
  "description" : null,
  "estimatedDays" : 0,
  "price" : 0.0,
  "tracked" : false
}
```

Response Fields

Path	Type	Description
id	Number	Created shipping option ID
name	String	Shipping option name
description	Null	Shipping option description
estimatedDays	Number	Estimated delivery days
price	Number	Shipping price
tracked	Boolean	Whether the shipping is tracked

Option Delete

Curl Request

```
$ curl 'http://localhost:8080/api/shipping-options/1' -i -X DELETE
```

Http Request

```
DELETE /api/shipping-options/1 HTTP/1.1
Host: localhost:8080
```

Http Response

```
HTTP/1.1 204 No Content
```

Httpie Request

```
$ http DELETE 'http://localhost:8080/api/shipping-options/1'
```

Request Body

Response Body

Option Get By Id

Curl Request

```
$ curl 'http://localhost:8080/api/shipping-options/1' -i -X GET
```

Http Request

```
GET /api/shipping-options/1 HTTP/1.1
Host: localhost:8080
```

Http Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 138

{
  "id" : 1,
  "name" : "Standard Shipping",
  "description" : null,
  "estimatedDays" : 0,
  "price" : 0.0,
  "tracked" : false
}
```

Httpie Request

```
$ http GET 'http://localhost:8080/api/shipping-options/1'
```

Request Body

Response Body

```
{
  "id" : 1,
  "name" : "Standard Shipping",
  "description" : null,
  "estimatedDays" : 0,
  "price" : 0.0,
  "tracked" : false
}
```

Response Fields

Path	Type	Description
id	Number	Shipping option ID
name	String	Shipping option name
description	Null	Shipping option description
estimatedDays	Number	Estimated delivery days
price	Number	Shipping price
tracked	Boolean	Whether the shipping is tracked

Option Update

Curl Request

```
$ curl 'http://localhost:8080/api/shipping-options/1' -i -X PUT \
    -H 'Content-Type: application/json' \
    -d '{
  "name" : "Updated Standard Shipping",
  "description" : null,
  "estimatedDays" : 0,
  "price" : 0.0,
  "tracked" : false
}'
```

Http Request

```
PUT /api/shipping-options/1 HTTP/1.1
```

```
Content-Type: application/json
Content-Length: 133
Host: localhost:8080

{
  "name" : "Updated Standard Shipping",
  "description" : null,
  "estimatedDays" : 0,
  "price" : 0.0,
  "tracked" : false
}
```

Http Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 146

{
  "id" : 1,
  "name" : "Updated Standard Shipping",
  "description" : null,
  "estimatedDays" : 0,
  "price" : 0.0,
  "tracked" : false
}
```

Httpie Request

```
$ echo '{
  "name" : "Updated Standard Shipping",
  "description" : null,
  "estimatedDays" : 0,
  "price" : 0.0,
  "tracked" : false
}' | http PUT 'http://localhost:8080/api/shipping-options/1' \
    'Content-Type:application/json'
```

Request Body

```
{
  "name" : "Updated Standard Shipping",
  "description" : null,
  "estimatedDays" : 0,
  "price" : 0.0,
  "tracked" : false
}
```

```
    }
```

Request Fields

Path	Type	Description
name	String	Updated shipping option name
description	Null	Shipping option description
estimatedDays	Number	Estimated delivery days
price	Number	Shipping price
tracked	Boolean	Whether the shipping is tracked

Response Body

```
{
  "id" : 1,
  "name" : "Updated Standard Shipping",
  "description" : null,
  "estimatedDays" : 0,
  "price" : 0.0,
  "tracked" : false
}
```

Response Fields

Path	Type	Description
id	Number	Shipping option ID
name	String	Updated shipping option name
description	Null	Shipping option description
estimatedDays	Number	Estimated delivery days
price	Number	Shipping price
tracked	Boolean	Whether the shipping is tracked

Options Get All

Curl Request

```
$ curl 'http://localhost:8080/api/shipping-options' -i -X GET
```

Http Request

```
GET /api/shipping-options HTTP/1.1
Host: localhost:8080
```

Http Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 281

[ {
  "id" : 1,
  "name" : "Standard Shipping",
  "description" : null,
  "estimatedDays" : 0,
  "price" : 0.0,
  "tracked" : false
}, {
  "id" : 2,
  "name" : "Express Shipping",
  "description" : null,
  "estimatedDays" : 0,
  "price" : 0.0,
  "tracked" : false
} ]
```

Httpie Request

```
$ http GET 'http://localhost:8080/api/shipping-options'
```

Request Body

Response Body

```
[ {
  "id" : 1,
  "name" : "Standard Shipping",
  "description" : null,
  "estimatedDays" : 0,
  "price" : 0.0,
  "tracked" : false
}, {
```

```
    "id" : 2,
    "name" : "Express Shipping",
    "description" : null,
    "estimatedDays" : 0,
    "price" : 0.0,
    "tracked" : false
} ]
```

Response Fields

Path	Type	Description
[].id	Number	Shipping option ID
[].name	String	Shipping option name
[].description	Null	Shipping option description
[].estimatedDays	Number	Estimated delivery days
[].price	Number	Shipping price
[].tracked	Boolean	Whether the shipping is tracked

Transaction

Create

Curl Request

```
$ curl 'http://localhost:8080/api/transactions' -i -X POST \
    -H 'Content-Type: application/json' \
    -d '{
  "itemId" : 301,
  "buyerId" : "user101",
  "sellerId" : "user201",
  "amount" : 50.0,
  "status" : "PENDING",
  "paymentMethod" : "CREDIT_CARD"
}'
```

Http Request

```
POST /api/transactions HTTP/1.1
Content-Type: application/json
Content-Length: 156
Host: localhost:8080

{
```

```
  "itemId" : 301,
  "buyerId" : "user101",
  "sellerId" : "user201",
  "amount" : 50.0,
  "status" : "PENDING",
  "paymentMethod" : "CREDIT_CARD"
}
```

Http Response

```
HTTP/1.1 201 Created
Content-Type: application/json
Content-Length: 215

{
  "id" : 1,
  "itemId" : 301,
  "buyerId" : "user101",
  "sellerId" : "user201",
  "amount" : 50.0,
  "status" : "PENDING",
  "paymentMethod" : "CREDIT_CARD",
  "createdAt" : null,
  "updatedAt" : null
}
```

Httpie Request

```
$ echo '{
  "itemId" : 301,
  "buyerId" : "user101",
  "sellerId" : "user201",
  "amount" : 50.0,
  "status" : "PENDING",
  "paymentMethod" : "CREDIT_CARD"
}' | http POST 'http://localhost:8080/api/transactions' \
    'Content-Type:application/json'
```

Request Body

```
{
  "itemId" : 301,
  "buyerId" : "user101",
  "sellerId" : "user201",
  "amount" : 50.0,
  "status" : "PENDING",
```

```
    "paymentMethod" : "CREDIT_CARD"
}
```

Request Fields

Path	Type	Description
buyerId	String	Buyer ID
sellerId	String	Seller ID
itemId	Number	Item ID
amount	Number	Transaction amount
status	String	Transaction status
paymentMethod	String	Payment method used

Response Body

```
{
  "id" : 1,
  "itemId" : 301,
  "buyerId" : "user101",
  "sellerId" : "user201",
  "amount" : 50.0,
  "status" : "PENDING",
  "paymentMethod" : "CREDIT_CARD",
  "createdAt" : null,
  "updatedAt" : null
}
```

Response Fields

Path	Type	Description
id	Number	Transaction ID
buyerId	String	Buyer ID
sellerId	String	Seller ID
itemId	Number	Item ID
amount	Number	Transaction amount
status	String	Transaction status
paymentMethod	String	Payment method used
createdAt	Null	Date and time when transaction was created

Path	Type	Description
updatedAt	Null	Date and time when transaction was last updated

Delete

Curl Request

```
$ curl 'http://localhost:8080/api/transactions/1' -i -X DELETE
```

Http Request

```
DELETE /api/transactions/1 HTTP/1.1
Host: localhost:8080
```

Http Response

```
HTTP/1.1 204 No Content
```

Httpie Request

```
$ http DELETE 'http://localhost:8080/api/transactions/1'
```

Request Body

Response Body

Get By Id

Curl Request

```
$ curl 'http://localhost:8080/api/transactions/1' -i -X GET
```

Http Request

```
GET /api/transactions/1 HTTP/1.1
Host: localhost:8080
```

Http Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 200

{
  "id" : 1,
  "itemId" : 301,
  "buyerId" : "user101",
  "sellerId" : "user201",
  "amount" : 0.0,
  "status" : null,
  "paymentMethod" : null,
  "createdAt" : null,
  "updatedAt" : null
}
```

Httpie Request

```
$ http GET 'http://localhost:8080/api/transactions/1'
```

Request Body

Response Body

```
{
  "id" : 1,
  "itemId" : 301,
  "buyerId" : "user101",
  "sellerId" : "user201",
  "amount" : 0.0,
  "status" : null,
  "paymentMethod" : null,
  "createdAt" : null,
  "updatedAt" : null
}
```

Response Fields

Path	Type	Description
id	Number	Transaction ID
buyerId	String	Buyer ID
sellerId	String	Seller ID
itemId	Number	Item ID
amount	Number	Transaction amount
status	Null	Transaction status
paymentMethod	Null	Payment method used
createdAt	Null	Date and time when transaction was created
updatedAt	Null	Date and time when transaction was last updated

Purchase

Curl Request

```
$ curl 'http://localhost:8080/api/transactions/purchase' -i -X POST \
    -H 'Content-Type: application/json' \
    -d '{
  "itemId" : 301,
  "buyerId" : "user101",
  "sellerId" : "user201",
  "amount" : 50.0,
  "status" : "PENDING",
  "paymentMethod" : "CREDIT_CARD"
}'
```

Http Request

```
POST /api/transactions/purchase HTTP/1.1
Content-Type: application/json
Content-Length: 156
Host: localhost:8080

{
  "itemId" : 301,
  "buyerId" : "user101",
  "sellerId" : "user201",
  "amount" : 50.0,
  "status" : "PENDING",
```

```
  "paymentMethod" : "CREDIT_CARD"
}
```

Http Response

```
HTTP/1.1 201 Created
Content-Type: application/json
Content-Length: 215

{
  "id" : 1,
  "itemId" : 301,
  "buyerId" : "user101",
  "sellerId" : "user201",
  "amount" : 50.0,
  "status" : "PENDING",
  "paymentMethod" : "CREDIT_CARD",
  "createdAt" : null,
  "updatedAt" : null
}
```

Httpie Request

```
$ echo '{
  "itemId" : 301,
  "buyerId" : "user101",
  "sellerId" : "user201",
  "amount" : 50.0,
  "status" : "PENDING",
  "paymentMethod" : "CREDIT_CARD"
}' | http POST 'http://localhost:8080/api/transactions/purchase' \
    'Content-Type:application/json'
```

Request Body

```
{
  "itemId" : 301,
  "buyerId" : "user101",
  "sellerId" : "user201",
  "amount" : 50.0,
  "status" : "PENDING",
  "paymentMethod" : "CREDIT_CARD"
}
```

Request Fields

Path	Type	Description
buyerId	String	Buyer ID
sellerId	String	Seller ID
itemId	Number	Item ID
amount	Number	Transaction amount
status	String	Transaction status
paymentMethod	String	Payment method used

Response Body

```
{
  "id" : 1,
  "itemId" : 301,
  "buyerId" : "user101",
  "sellerId" : "user201",
  "amount" : 50.0,
  "status" : "PENDING",
  "paymentMethod" : "CREDIT_CARD",
  "createdAt" : null,
  "updatedAt" : null
}
```

Response Fields

Path	Type	Description
id	Number	Transaction ID
buyerId	String	Buyer ID
sellerId	String	Seller ID
itemId	Number	Item ID
amount	Number	Transaction amount
status	String	Transaction status
paymentMethod	String	Payment method used
createdAt	Null	Date and time when transaction was created
updatedAt	Null	Date and time when transaction was last updated

Update

Curl Request

```
$ curl 'http://localhost:8080/api/transactions/1' -i -X PUT \
    -H 'Content-Type: application/json' \
    -d '{
  "status" : "COMPLETED",
  "paymentMethod" : "PAYPAL"
}'
```

Http Request

```
PUT /api/transactions/1 HTTP/1.1
Content-Type: application/json
Content-Length: 61
Host: localhost:8080

{
  "status" : "COMPLETED",
  "paymentMethod" : "PAYPAL"
}
```

Http Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 212

{
  "id" : 1,
  "itemId" : 301,
  "buyerId" : "user101",
  "sellerId" : "user201",
  "amount" : 50.0,
  "status" : "COMPLETED",
  "paymentMethod" : "PAYPAL",
  "createdAt" : null,
  "updatedAt" : null
}
```

Httpie Request

```
$ echo '{
  "status" : "COMPLETED",
```

```
    "paymentMethod" : "PAYPAL"
}' | http PUT 'http://localhost:8080/api/transactions/1' \
    'Content-Type:application/json'
```

Request Body

```
{
  "status" : "COMPLETED",
  "paymentMethod" : "PAYPAL"
}
```

Request Fields

Path	Type	Description
status	String	Transaction status
paymentMethod	String	Payment method used

Response Body

```
{
  "id" : 1,
  "itemId" : 301,
  "buyerId" : "user101",
  "sellerId" : "user201",
  "amount" : 50.0,
  "status" : "COMPLETED",
  "paymentMethod" : "PAYPAL",
  "createdAt" : null,
  "updatedAt" : null
}
```

Response Fields

Path	Type	Description
id	Number	Transaction ID
buyerId	String	Buyer ID
sellerId	String	Seller ID
itemId	Number	Item ID
amount	Number	Transaction amount
status	String	Transaction status
paymentMethod	String	Payment method used

Path	Type	Description
createdAt	Null	Date and time when transaction was created
updatedAt	Null	Date and time when transaction was last updated

Transactions

Between Dates

Curl Request

```
$ curl 'http://localhost:8080/api/transactions/between?start=2023-01-
01T00%3A00&end=2023-12-31T23%3A59' -i -X GET
```

Http Request

```
GET /api/transactions/between?start=2023-01-01T00%3A00&end=2023-12-31T23%3A59 HTTP/1.1
Host: localhost:8080
```

Http Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 406

[ {
  "id" : 1,
  "itemId" : 301,
  "buyerId" : "user101",
  "sellerId" : "user201",
  "amount" : 0.0,
  "status" : null,
  "paymentMethod" : null,
  "createdAt" : null,
  "updatedAt" : null
}, {
  "id" : 2,
  "itemId" : 302,
  "buyerId" : "user102",
  "sellerId" : "user202",
  "amount" : 0.0,
  "status" : null,
  "paymentMethod" : null,
```

```
    "createdAt" : null,
    "updatedAt" : null
} ]
```

Httpie Request

```
$ http GET 'http://localhost:8080/api/transactions/between?start=2023-01-
01T00%3A00&end=2023-12-31T23%3A59'
```

Request Body

Response Body

```
[ {
    "id" : 1,
    "itemId" : 301,
    "buyerId" : "user101",
    "sellerId" : "user201",
    "amount" : 0.0,
    "status" : null,
    "paymentMethod" : null,
    "createdAt" : null,
    "updatedAt" : null
}, {
    "id" : 2,
    "itemId" : 302,
    "buyerId" : "user102",
    "sellerId" : "user202",
    "amount" : 0.0,
    "status" : null,
    "paymentMethod" : null,
    "createdAt" : null,
    "updatedAt" : null
} ]
```

Response Fields

Path	Type	Description
[].id	Number	Transaction ID
[].buyerId	String	Buyer ID
[].sellerId	String	Seller ID
[].itemId	Number	Item ID

Path	Type	Description
[].amount	Number	Transaction amount
[].status	Null	Transaction status
[].paymentMethod	Null	Payment method used
[].createdAt	Null	Date and time when transaction was created
[].updatedAt	Null	Date and time when transaction was last updated

Get All

Curl Request

```
$ curl 'http://localhost:8080/api/transactions' -i -X GET
```

Http Request

```
GET /api/transactions HTTP/1.1
Host: localhost:8080
```

Http Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 406

[ {
  "id" : 1,
  "itemId" : 301,
  "buyerId" : "user101",
  "sellerId" : "user201",
  "amount" : 0.0,
  "status" : null,
  "paymentMethod" : null,
  "createdAt" : null,
  "updatedAt" : null
}, {
  "id" : 2,
  "itemId" : 302,
  "buyerId" : "user102",
  "sellerId" : "user202",
  "amount" : 0.0,
  "status" : null,
```

```
    "paymentMethod" : null,
    "createdAt" : null,
    "updatedAt" : null
} ]
```

Httpie Request

```
$ http GET 'http://localhost:8080/api/transactions'
```

Request Body

Response Body

```
[ {
    "id" : 1,
    "itemId" : 301,
    "buyerId" : "user101",
    "sellerId" : "user201",
    "amount" : 0.0,
    "status" : null,
    "paymentMethod" : null,
    "createdAt" : null,
    "updatedAt" : null
}, {
    "id" : 2,
    "itemId" : 302,
    "buyerId" : "user102",
    "sellerId" : "user202",
    "amount" : 0.0,
    "status" : null,
    "paymentMethod" : null,
    "createdAt" : null,
    "updatedAt" : null
} ]
```

Response Fields

Path	Type	Description
[].id	Number	Transaction ID
[].buyerId	String	Buyer ID
[].sellerId	String	Seller ID
[].itemId	Number	Item ID

Path	Type	Description
[].amount	Number	Transaction amount
[].status	Null	Transaction status
[].paymentMethod	Null	Payment method used
[].createdAt	Null	Date and time when transaction was created
[].updatedAt	Null	Date and time when transaction was last updated

User

Delete

Curl Request

```
$ curl 'http://localhost:8080/api/users/1' -i -X DELETE
```

Http Request

```
DELETE /api/users/1 HTTP/1.1
Host: localhost:8080
```

Http Response

```
HTTP/1.1 204 No Content
```

Httpie Request

```
$ http DELETE 'http://localhost:8080/api/users/1'
```

Request Body

Response Body

Get By Id

Curl Request

```
$ curl 'http://localhost:8080/api/users/1' -i -X GET
```

Http Request

```
GET /api/users/1 HTTP/1.1
Host: localhost:8080
```

Http Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 161

{
  "id" : 1,
  "username" : "testuser",
  "email" : "test@example.com",
  "firstName" : null,
  "lastName" : null,
  "active" : false,
  "role" : null
}
```

Httpie Request

```
$ http GET 'http://localhost:8080/api/users/1'
```

Request Body

Response Body

```
{
  "id" : 1,
  "username" : "testuser",
  "email" : "test@example.com",
  "firstName" : null,
  "lastName" : null,
```

```
    "active" : false,
    "role" : null
}
```

Response Fields

Path	Type	Description
id	Number	User ID
username	String	Username
email	String	User email
firstName	Null	User's first name
lastName	Null	User's last name
active	Boolean	Whether the user account is active
role	Null	User's role in the system

Update

Curl Request

```
$ curl 'http://localhost:8080/api/users/1' -i -X PUT \
    -H 'Content-Type: application/json' \
    -d '{
  "username" : null,
  "email" : null,
  "firstName" : "John",
  "lastName" : "Doe",
  "active" : false,
  "role" : null
}'
```

Http Request

```
PUT /api/users/1 HTTP/1.1
Content-Type: application/json
Content-Length: 131
Host: localhost:8080

{
  "username" : null,
  "email" : null,
  "firstName" : "John",
  "lastName" : "Doe",
```

```
  "active" : false,
  "role" : null
}
```

Http Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 164

{
  "id" : 1,
  "username" : "testuser",
  "email" : "test@example.com",
  "firstName" : "John",
  "lastName" : "Doe",
  "active" : false,
  "role" : null
}
```

Httpie Request

```
$ echo '{
  "username" : null,
  "email" : null,
  "firstName" : "John",
  "lastName" : "Doe",
  "active" : false,
  "role" : null
}' | http PUT 'http://localhost:8080/api/users/1' \
    'Content-Type:application/json'
```

Request Body

```
{
  "username" : null,
  "email" : null,
  "firstName" : "John",
  "lastName" : "Doe",
  "active" : false,
  "role" : null
}
```

Request Fields

Path	Type	Description
firstName	String	User's first name
lastName	String	User's last name
username	Null	Username
email	Null	User email
active	Boolean	Whether the user account is active
role	Null	User's role in the system

Response Body

```
{
  "id" : 1,
  "username" : "testuser",
  "email" : "test@example.com",
  "firstName" : "John",
  "lastName" : "Doe",
  "active" : false,
  "role" : null
}
```

Response Fields

Path	Type	Description
id	Number	User ID
username	String	Username
email	String	User email
firstName	String	User's first name
lastName	String	User's last name
active	Boolean	Whether the user account is active
role	Null	User's role in the system

Users

Get All

Curl Request

```
$ curl 'http://localhost:8080/api/users' -i -X GET
```

Http Request

```
GET /api/users HTTP/1.1
Host: localhost:8080
```

Http Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 324

[ {
  "id" : 1,
  "username" : "user1",
  "email" : "user1@example.com",
  "firstName" : null,
  "lastName" : null,
  "active" : false,
  "role" : null
}, {
  "id" : 2,
  "username" : "user2",
  "email" : "user2@example.com",
  "firstName" : null,
  "lastName" : null,
  "active" : false,
  "role" : null
} ]
```

Httpie Request

```
$ http GET 'http://localhost:8080/api/users'
```

Request Body

Response Body

```
[ {
  "id" : 1,
  "username" : "user1",
  "email" : "user1@example.com",
  "firstName" : null,
  "lastName" : null,
  "active" : false,
  "role" : null
}, {
  "id" : 2,
  "username" : "user2",
  "email" : "user2@example.com",
  "firstName" : null,
  "lastName" : null,
  "active" : false,
  "role" : null
} ]
```

Response Fields

Path	Type	Description
[].id	Number	User ID
[].username	String	Username
[].email	String	User email
[].firstName	Null	User's first name
[].lastName	Null	User's last name
[].active	Boolean	Whether the user account is active
[].role	Null	User's role in the system