

Writing API

1. Version1:

1.1. Base domain name:

- A) Primary: api.domainName/v1/
- B) Secondary: domainName/api/v1/

1.2. Parts:

A) Devices:

I List of devices:

a URL:

- ApiBaseDomainName/devices/list/

b Methods:

- GET

c Permissions:

- Everyone has permission to GET data

II Specific device details:

a URL:

- ApiBaseDomainName/devices/<string:slug>/

b Methods:

- GET

c Permissions:

- Everyone has permission to GET data

III Add devices:

a URL:

- ApiBaseDomainName/devices/add/

b Methods:

- POST

c Permissions:

- Admins
- SuperUsers

IV Edit devices:

- a URL:
 - ApiBaseDomainName/devices/<string:slug>/edit/
- b Methods:
 - PATCH
- c Permissions:
 - admins
 - SuperUsers

V Delete devices:

- a URL:
 - ApiBaseDomainName/devices/<string:slug>/delete/
- b Methods:
 - DELETE
- c Permissions:
 - admins
 - SuperUsers

VI Check devices:

- a URL:
 - ApiBaseDomainName/devices/<string:slug>/check/
- b Method:
 - PATCH
 - POST
- c Permissions:
 - Validators
 - SuperUsers

B) Blogs:

I List of blogs:

- a URL:
 - ApiBaseDomainName/blogs/list/
- b Method:
 - GET
- c Permissions:
 - Everyone has permission to GET data

II Specific blogs details:

a URL:

- ApiBaseDomainName/blogs/<string:slug>/

b Method:

- GET

c Permissions:

- Everyone has permissions to GET data

III Add blog:

a URL:

- ApiBaseDomainName/blogs/add/

b Method:

- POST

c Permissions:

- admins
- superUsers

IV Edit blog:

a URL:

- ApiBaseDomainName/blogs/<string:slug>/edit/

b Method:

- PATCH

c Permissions:

- admins
- superUsers

V Delete blog:

a URL:

- ApiBaseDomainName/blogs/<string:slug>/delete/

b Method:

- DELETE

c Permissions:

- admins
- users

VI Check blogs:

- a URL:
 - ApiBaseDomainName/blogs/<string:slug>/check/
- b Method:
 - PATCH
 - POST
- c Permissions:
 - validators
 - superusers

C) Reviews:

I List of reviews:

- a URL:
 - ApiBaseDomainName/reviews/list/
- b Method:
 - GET
- c Permissions:
 - Everyone has access to GET data

II Specific review's data:

- a URL:
 - ApiBaseDomainName/reviews/<string:slug>/
- b Method:
 - GET
- c Permissions:
 - Everyone has access to GET data

III add review:

- a URL:
 - ApiBaseDomainName/reviews/add/
- b Method:
 - POST
- c Permissions:
 - Admins
 - Superusers

IV edit review:

- a URL:

- ApiBaseDomainName/reviews/<string:slug>/edit/

b Method:

- PATCH

c Permissions:

- admins
- superusers

V delete review:

a URL:

- ApiBaseDomainName/reviews/<string:slug>/delete/

b Method:

- DELETE

c Permissions:

- admins
- superusers

VI check review:

a URL:

- ApiBaseDomainName/reviews/<string:slug>/check

b Method:

- PATCH
- POST

c Permissions:

- validators
- superusers

D) User Interactions:

I Compare devices:

a URL:

- ApiBaseDomainName/interactions/Compare/<string:slug1>/<string:slug2>

b Method:

- GET

c Permissions:

- Everyone except guest users

II Commenting:

a URL:

- ApiBaseDomainName/interactions/comment/
- b Methods:
 - POST
- c Permissions:
 - Everyone except guest users can POST data

III Reporting system:

- a URL:
 - ApiBaseDomainName/interactions/reports/
- b Method:
 - POST
 - GET
- c Permissions:
 - Everyone except guest users can POST data
 - Only validators and superusers can GET all data
 - Owners can get their response (GET)

IV List of all devices names:

- a URL:
 - ApiBaseDomainName/interactions/names/
- b Method:
 - GET
- c Permissions:
 - Everyone has access to GET data

E) Users:

I Profile:

- a URL:
 - ApiBaseDomainName/accounts/profile/<string:username>/
- b Methods:
 - GET
 - PATCH
- c Permissions:
 - All logged in users can see profile(GET, and PATCH data)

II sign-up:

- a URL:

- `ApiBaseDomainName/accounts/sign-up/`

b Method:

- POST

c Permissions:

- Everyone can sign-up in website

III login:

a URL:

- `ApiBaseDomainName/accounts/login/`

b Method:

- POST

c Permissions:

- Everyone can login to website

IV logout:

a URL:

- `ApiBaseDomainName/accounts/logout/`

b Method:

- POST

c Permissions:

- Only logged in users can logout website

V delete account:

a URL:

- `ApiBaseDomainName/accounts/delete-account/`

b Method:

- DELETE

c Permissions:

- Only logged in users can delete their account

VI Change password:

a URL:

- `ApiBaseDomainName/accounts/change-password/`

b Method:

- PATCH

c Permissions:

- All logged in users

VII Password recovery:

- a URL:
 - ApiBaseDomainName/accounts/password-recovery/
- b Method:
 - POST
- c Permissions:
 - Everyone can recover their password

VIII Password recovery verification:

- a URL:
 - ApiBaseDomainName/accounts/password-recovery/validation/
- b Method:
 - PUT
- c Permissions:
 - Everyone