

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
- 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
- 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
- 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
- c Permissions:
 - Everyone except guest users

IV List of all names except blogs, and reviews:

- 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
 - PUT
- c Permissions:
 - All logged in users can see profile(GET, and PUT 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:
 - POST
- c Permissions:
 - Only logged in users can delete their account

VI Change password:

- a URL:
 - ApiBaseDomainName/accounts/change-password/
- b Method:
 - POST
- 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/<string:email>/<int:code>/

b Method:

- POST

c Permissions:

- Everyone