Writrating 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:

  - 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