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:
  - 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/<string:email>/
  <int:code>/

  b Method:

- PUT

  c Permissions:

- Everyone