

## Device Discovery 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 Get list of unchecked data:

- a URL:
  - ApiBaseDomainName/interactions/unchecked-data
- b Method:
  - GET
- c Permissions:
  - validators
  - superusers

II Compare devices:

- a URL:
  - ApiBaseDomainName/interactions/Compare/<string:slug1>/<string:slug2>
- b Method:
  - GET

- c Permissions:
  - Everyone except guest users

### III Commenting:

- a URL:
  - ApiBaseDomainName/interactions/comments
- b Methods:
  - GET
  - POST
- c Permissions:
  - Only superusers can GET data
  - Everyone except guest users can POST data

### IV Reporting system:

- a URL:
  - ApiBaseDomainName/interactions/reports
- b Method:
  - POST
- c Permissions:
  - Everyone except guest users

## E) Users:

### I sign-up:

- a URL:
- b Method:
- c Permissions:

### II login:

- a URL:
- b Method:
- c Permissions:

### III logout:

- a URL:
- b Method:
- c Permissions:

### IV delete account:

- a URL:

b Method:

c Permissions: