Task 1 :

Version : 1.0

Baseurl :

* Home

Get ‘/’

No parameters

Request url : https://pd4p69.deta.dev/

Status code : 200

Response : ‘Hello world’

Uses : Get request is **idempotent**. It means second request will be ignored until response of first request is delivered

* About

Get ‘/about’

No parameters

Request url : https://pd4p69.deta.dev/about

Status code : 200

Response : ‘about’

Task 2 :

Version : 1.0

Baseurl :

* Visitor count

Get ‘/api’

No parameters

Request url : https://rom6gp.deta.dev/api

Status code : 200

Response body:

{ "pageviews": 126, "visits": 27 }

* User

Get ‘/users’

No parameters

Request url: https://rom6gp.deta.dev/users

Status code 200

Response body :

[ { "name": "arpit", "password": "$2b$10$tWFzyAzOghbtGUg9M3RxOOSk70CfHlefRwORHhxOx.q2OLbm1WuFC" } ]

Post ‘/users’

No parameters

Request url : https://rom6gp.deta.dev/users

Success status code : 201

Failure status code : 500

Request body:

{

  "name": "arpit",

  "password": "password"

}

Uses: Post request is **secured**because data is not exposed in URL bar.

* Login

Post ‘users/login’

No parameter

Request url: https://rom6gp.deta.dev/users/login

Success status code : 200

Failure status code : 500

Request body:

{

  "name": "arpit",

  "password": "password"

}

Task 3:

* Get address of your location

Get location

Parameters :

Latitude: Geo-location latitude

Longitude: Geo-location longitude

Request url :

[https://api.bigdatacloud.net/data/reverse-geocode-client?latitude=${latitude}&longitude=${longitude}&localityLanguage=en](https://api.bigdatacloud.net/data/reverse-geocode-client?latitude=$%7blatitude%7d&longitude=$%7blongitude%7d&localityLanguage=en)

uses : Get location by using latitude and longitude position of user. Used for navigation

Response body :

{

**city**: "Silchar"

**continent**: "Asia"

**continentCode**: "AS"

**countryCode**: "IN"

**countryName**: "India"

**latitude**: 24.760000228881836

**locality**: "Silchar"

**localityInfo**:

**administrative**:

**0**: {name: 'India', description: 'country in South Asia', order: 2, adminLevel: 2, isoCode: 'IN', …}

**1**: {name: 'Assam', description: 'Indian state', order: 4, adminLevel: 4, isoCode: 'IN-AS', …}

**2**: {name: 'Cachar district', description: 'district of Assam, India', order: 6, adminLevel: 5, wikidataId: 'Q42209', …}

**3**: {name: 'Silchar', description: 'city in Assam, India', order: 7, adminLevel: 6, wikidataId: 'Q944769', …}

**length**: 4

[[Prototype]]: Array(0)

**informative**:

**0**:

**description**: "continent on Earth, mainly on the Earth's northeastern quadrant"

**geonameId**: 6255147

**isoCode**: "AS"

**name**: "Asia"

**order**: 1

**wikidataId**: "Q48"

**1:** {name: 'Northeast Frontier Railway', order: 3}

**2:** {name: 'Barak River Basin', order: 5}

**localityLanguageRequested**: "en"

**longitude**: 92.79000091552734

**lookupSource**: "ip geolocation"

**plusCode**: "7MPJQQ6R+22"

**postcode**: ""

**principalSubdivision**: "Assam"

**principalSubdivisionCode**: "IN-AS"

**}**

Get Latitude & Longitude of an address

Parameter:

apikey: Unique API key of the project

address: Address of the location

Request url :

[http://api.positionstack.com/v1/forward?access\_key=${apikey}&query=${address}](http://api.positionstack.com/v1/forward?access_key=$%7bapikey%7d&query=$%7baddress%7d)

uses : Get latitude and longitude from the given address. Used in GPS

Response body :

{

"data": [

{

"latitude": 24.824791,

"longitude": 92.796341,

"type": "locality",

"name": "Silchar",

"number": null,

"postal\_code": null,

"street": null,

"confidence": 1,

"region": "Assam",

"region\_code": "AS",

"county": "Cachar",

"locality": "Silchar",

"administrative\_area": null,

"neighbourhood": null,

"country": "India",

"country\_code": "IND",

"continent": "Asia",

"label": "Silchar, AS, India"

}

]

}