**Setup the project :**

1-download the file.

2-using some scripts here :

* -install: npm install
* Build: npm run build
* Lint: npm run lint
* Run unit tests: npm run test
* Start server: npm run start

Usage:

The project run on port 5000 | localhost:5000

**End point welcome**

Localhost:5000/api/

Endpoint to resize image

Localhost:5000/api/images?(parameter)

Image structure of an endpoint

Localhost:5000/api/images?imageName=[imageName]&height=[heightvalue]&width=[widthvalue]

Available images :

* encenadaport
* fjord
* icelandwaterfall
* palmtunnel
* santamonica

Request method

Get:to retrieve the resized image

parameter:

|  |  |  |
| --- | --- | --- |
| imageName | String | Name of the image. |
| Width | Int | Width of the image. |
| Height | Int | Height of the image. |

### Errors

When an error occurs the user will get a text message shown in the browser with the reason of the error.

Examples:

1)

Localhost:5000/api/images?imageName=fjord&hight=100&width=100

(retrieve the image with hight=100 and width=100 which name fjord\_100\_100)

2) Localhost:5000/api/images?imageName=fjod&hight=100&width=100

(retrieve the message “image is not found ,please enter the right name

“)

3) Localhost:5000/api/images?imageName=fjord&hight=j&width=100

(retrieve the message “please enter a valid size

“)

4) Localhost:5000/api/images?imageName=fjord&hight=100

(retrieve the" message sorry there is a missing parameter

)

Notes:

-Images are served from assets/images/full.

- Image resized will be stored in assets/images/resize