Quynh Ai Nguyen
Engineering Full Stack Apps in the Cloud

Image-Filter-Start-Code Github:
https://github.com/QuynhAi/cloud-developer/tree/dev/course-02/project/image-filter-starter-code

TODO1 IMPLEMENT A RESTFUL ENDPOINT:
https://github.com/QuynhAi/cloud-developer/blob/dev/course-02/project/image-filter-starter-code/src/server.ts

Starting the server with `npm run dev` runs a local instance of the server with no errors

```
ais-MacBook-Pro:image-filter-starter-code ainguyen$ npm run dev

> udacity-c2-image-filter@1.0.0 dev /Users/ainguyen/Documents/GitHub/cloud-developer/course-02/project/image-filter-starter-code
> ts-node-dev --respawn --transpileOnly ./src/server.ts

Using ts-node version 8.3.0, typescript version 3.5.3
server running http://localhost:8082
press CTRL+C to stop server
```
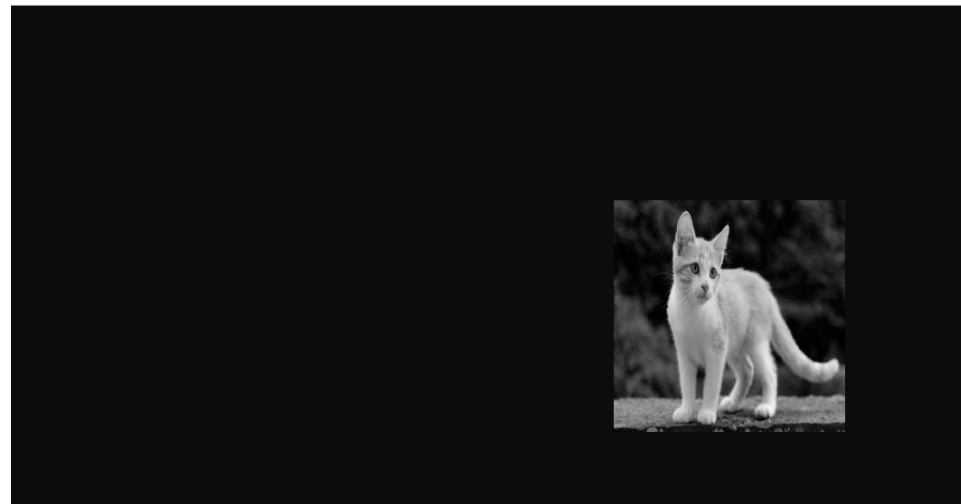
The stubbed `@TODO1` endpoint in `src/server.ts` is completed and accepts valid requests including:
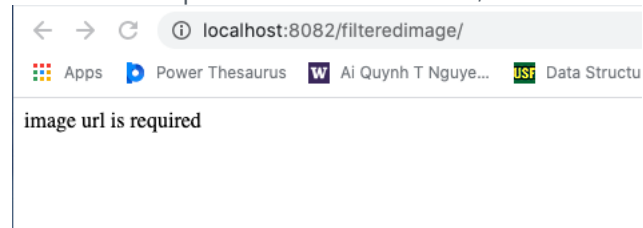http://localhost:{{PORT}}/filteredimage?image_url=https://upload.wikimedia.org/wikipedia/commons/b/bd/Golden_tabby_and_white_kitten_n01.jpg

Successful responses have a 200 code, at least one error code for caught errors (i.e. 422)

image url is required

An endpoint URL for a running elastic beanstalk deployment (EB_URL) has been submitted along with the project submission. This endpoint responds to valid GET requests including: http://{{EB_URL}}/filteredimage?image_url=https://upload.wikimedia.org/wikipedia/commons/b/bd/Golden_tabby_and_white_kitten_n01.jpg

udacity-image-filter-dev.us-west-2.elasticbeanstalk.com/filteredimage?image_url=https://upload.wikimedia.org/wikipedia/comm

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The project was deployed using the AWS Elastic Beanstalk CLI `eb init`, `eb create`, and `eb deploy` commands.

```
ais-MacBook-Pro:image-filter-starter-code ainguyen$ eb init
```

```
ais-MacBook-Pro:image-filter-starter-code ainguyen$ eb create
```

```
ais-MacBook-Pro:image-filter-starter-code ainguyen$ eb deploy
```

A screenshot of the elastic beanstalk application dashboard is included in
a `deployment_screenshot` directory.

udacity-image-filter-dev
udacity-image-filter-dev.us-west-2.elasticbeanstalk.com ↗ (e-mxm4ypeffp)
Application name: udacity-image-filter

    ⟳ Refresh   Actions ▼

Health	**Running version**	**Platform**
✅	app-210203_200709	node.js
Ok	**Upload and deploy**	
Causes		Node.js 12 running on 64bit Amazon Linux 2/5.2.5
		Change

Recent events

Show all

‹ 1 ›

Time	Type	Details
2021-02-03 20:10:40 UTC-0800	INFO	Environment health has transitioned from Pending to Ok. Initialization completed 12 seconds ago and took 3 minutes.
2021-02-03 20:10:40 UTC-0800	INFO	Added instance [i-0d6f2e93146b15956] to your environment.
2021-02-03 20:10:22 UTC-0800	INFO	Successfully launched environment: udacity-image-filter-dev
2021-02-03 20:10:22 UTC-0800	INFO	Application available at udacity-image-filter-dev.us-west-2.elasticbeanstalk.com.
2021-02-03 20:09:48 UTC-0800	INFO	Instance deployment completed successfully.