Repository:

https://github.com/edgarcgarzon/cloud-developer/tree/main/course-02

Check the readme in this repo to get further information on the enhancement on the project.

Explications of the project

Beside the task requested, the next enhancement was implement:

Filter an image already present in the feeds and replace the image in the FS using the RestAPI project.

Please check README.rd for further explanations in the workflow.

For testing:

- Load the postman configuration in the repo.
- Use the end-point *GET: {{host}}/api/v0/*feed to check the present feeds.
- Load one the image in the feed id=17 using the url shown.
- Use the end-point *PATCH: {{host}}/api/v0/feed/filter/:id*
- *If successful, the service will return and URL to load the filter image.*
- *Use the again the end-point GET:* {{host}}*/api/v0/feed* to verify that the image was filtered and saved in the FS.

Note: The end-point for PATCH is authorized and you can use the following token for test:

eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJlbWFpbCI6ImhlbGxvxQGdtYWlsLmNvbSIsInBhc3N3b3JkX2hhc2giOilk
MmIkMTAkL3FjdWhXWmdPNU1Qc0F5bkloWjVwZU4yYjFybk9wYVVpzVGFpQC5jeUs0QkFWSTVCYkVFamkiLCJjcm
VhdGVkQXQiOiIyMDIxLTAyLTE3VDA5OjQxOjU5LjkyOVoiLCJ1cGRhdGVkQXQiOiIyMDIxLTAyLTE3VDA5OjQxOjU
5LjkyOVoiLCJpYXQiOjE2MTM1NjQ1ODV9.0kDRQSgbgBrqStq9NnA8f-DgfR6Qgy94WyAsPu3jJgg

Otherwise, you can create a token with the end-points for register/login.

GIT

In order to develop the project 2 branches were used in github: Main (Production), Dev (Development).
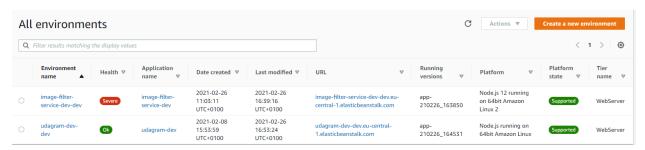
However in local were created different branches for each of the features implemented as shown the following screenshot.

AWS: Elastic Beanstalk

There 2 EBS:

1. RestAPI service (node-appl)
2. Filtering image micro-service (image-appl)

All environments

	Environment name ▲	Health ▽	Application name ▽	Date created ▽	Last modified ▽	URL ▽	Running versions ▽	Platform ▽	Platform state ▽	Tier name ▽
○	image-filter-service-dev-dev	Severe	image-filter-service-dev	2021-02-26 11:03:11 UTC+0100	2021-02-26 16:39:16 UTC+0100	image-filter-service-dev-dev.eu-central-1.elasticbeanstalk.com	app-210226_163850	Node.js 12 running on 64bit Amazon Linux 2	Supported	WebServer
○	udagram-dev-dev	Ok	udagram-dev	2021-02-08 15:53:59 UTC+0100	2021-02-26 16:53:24 UTC+0100	udagram-dev-dev.eu-central-1.elasticbeanstalk.com	app-210226_164531	Node.js running on 64bit Amazon Linux	Supported	WebServer

Links:

udagram-dev-dev.eu-central-1.elasticbeanstalk.com

image-filter-service-dev-dev.eu-central-1.elasticbeanstalk.com