

Intensificación Colaborativa

Nombre: Raúl

Apellidos: Montalbán Martín

UVUS: raumonmar1

Enlace al repositorio de GitHub:

<https://github.com/raumonmar1/EGC-2425-raumonmar1>

Ejercicio Git

Apartado 1

```
Desde su fork en GitHub. Copie el enlace de su fork para clonar el repositorio en su ordenador.  
m  
m  
1  
fo  
Clonando en 'EGC-2425-raumonmar1'...  
remote: Enumerating objects: 342, done.  
remote: Counting objects: 100% (342/342), done.  
al  
remote: Compressing objects: 100% (231/231), done.  
pe  
remote: Total 342 (delta 69), reused 338 (delta 67), pack-reused 0 (from 0)  
in  
Recibiendo objetos: 100% (342/342), 1.60 MiB | 5.31 MiB/s, listo.  
pp  
Resolviendo deltas: 100% (69/69), listo.  
pl  
n  
e  
practica@pc-13-143:~$ git clone https://github.com/raumonmar1/EGC-2425-raumonmar1  
practica@pc-13-143:~$
```

Ejercicio Git

Apartado 2

```
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1$ flask run --host=0.0.0.0 --relo
ad --debug
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment.
Use a production WSGI server instead.
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:5000
* Running on http://10.1.13.143:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 101-926-617
[2025-01-10 16:16:04,086] INFO in routes: Access index
2025-01-10 16:16:04.086 - app.modules.public.routes - INFO - Access index
```

Ejercicio Git

Apartado 3

```
3-2.2.2 uvlpaser-2.0.1 webdriver-manager-4.0.1 websocket-client-1.8.0 wheel-0.
3.0 wsproto-1.2.0 zope.event-5.0 zope.interface-6.4.post2 zstandard-0.22.0
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1$ git fetch
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1$ git branch
* main
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1$ git checkout feature/init-bug
rama 'feature/init-bug' configurada para rastrear 'origin/feature/init-bug'.
Cambiado a nueva rama 'feature/init-bug'
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1$ cd app
```

```
File "/home/practica/EGC-2425-raumonmar1/venv/lib/python3.12/site-packages/fla
sk/cli.py", line 339, in load_app
    app = locate_app(import_name, None, raise_if_not_found=False)
          ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
File "/home/practica/EGC-2425-raumonmar1/venv/lib/python3.12/site-packages/fla
sk/cli.py", line 245, in locate_app
    __import__(module_name)
File "/home/practica/EGC-2425-raumonmar1/app/__init__.py", line 70, in <module
>
    app = create_app()
          ^^^^^^^^^^^
NameError: name 'create_app' is not defined
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1/app$
```

Ejercicio Git

Apartado 4

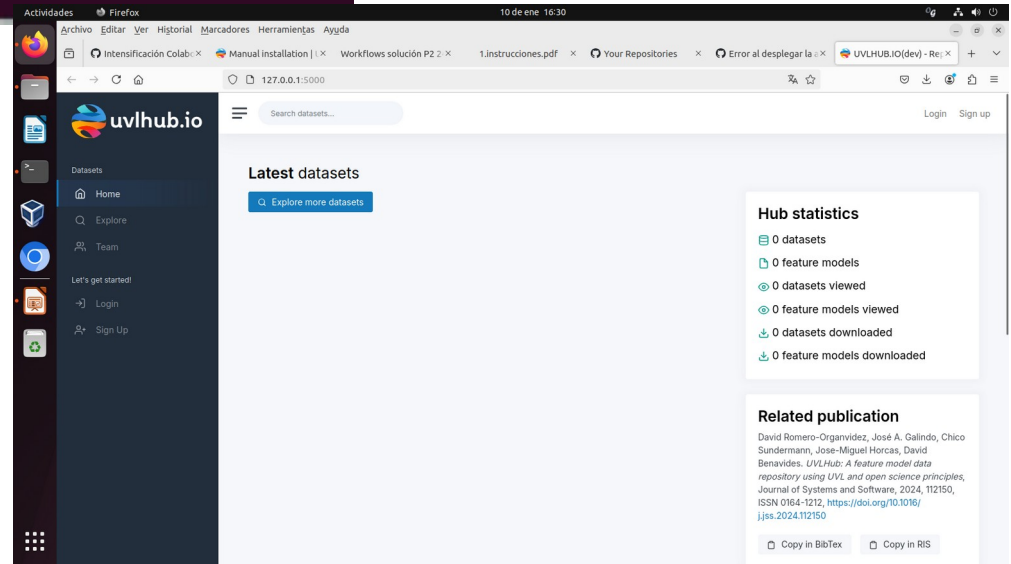
HECHO

Ejercicio Git

Apartado 5

```
app = create_app()
^^^^^^^^^^^^^^

NameError: name 'create_app' is not defined
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1/app$ cd
(venv) practica@pc-13-143:~$ cd EGC-2425-raumonmar1/
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1$ git branch fix/app-init
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1$ git checkout fix/app-init
Cambiado a rama 'fix/app-init'
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1$ cd app
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1/app$
```



Ejercicio Git

Apartado 6

HECHO

Ejercicio Git

Apartado 7

```
remote:      https://github.com/raumonmar1/EGC-2425-raumonmar1/pull/new/fix/app-
init
remote:
To github.com:raumonmar1/EGC-2425-raumonmar1.git
 * [new branch]      fix/app-init -> fix/app-init
rama 'fix/app-init' configurada para rastrear 'origin/fix/app-init'.
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1$ git branch feature/conflicto
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1$ git checkout feature/conflicto
Cambiado a rama 'feature/conflicto'
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1$
```


Apartado 7

```
practica@pc-13-143: ~/EGC-2425-raumonmar1/app
modificados:  __init__.py

sin cambios agregados al commit (usa "git add" y/o "git commit -a")
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1/app$ git push
fatal: La rama actual feature/conflicto no tiene una rama upstream.
Para empujar la rama actual y configurar el remoto como upstream, usa

    git push --set-upstream origin feature/conflicto

Para hacer que esto pase automáticamente para las ramas que no rastrean
un upstream, mira 'push.autoSetupRemote' en 'git help config'.

(venv) practica@pc-13-143:~/EGC-2425-raumonmar1/app$ git push --set-upstream
origin feature/conflicto
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'feature/conflicto' on GitHub by visiting:
remote:   https://github.com/raumonmar1/EGC-2425-raumonmar1/pull/new/feature/
conflicto
remote:
To github.com:raumonmar1/EGC-2425-raumonmar1.git
 * [new branch]      feature/conflicto -> feature/conflicto
rama 'feature/conflicto' configurada para rastrear 'origin/feature/conflicto'.
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1/app$
```

```
practica@pc-13-143: ~/EGC-2425-raumonmar1/app
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1/app$ cd
(venv) practica@pc-13-143:~$ cd EGC-2425-raumonmar1/
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1$ git checkout fix/app-init
M      app/__init__.py
Cambiado a rama 'fix/app-init'
Tu rama está actualizada con 'origin/fix/app-init'.
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1$ cd app
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1/app$ nano __init__.py
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1/app$ git add .
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1/app$ git commit -m "feature(app)
: Implemented new db method"
[fix/app-init 3247164] feature(app): Implemented new db method
 1 file changed, 1 insertion(+)
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1/app$ git push
Enumerando objetos: 7, listo.
Contando objetos: 100% (7/7), listo.
Compresión delta usando hasta 4 hilos
Comprimiendo objetos: 100% (4/4), listo.
Escribiendo objetos: 100% (4/4), 514 bytes | 514.00 KiB/s, listo.
Total 4 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To github.com:raumonmar1/EGC-2425-raumonmar1.git
   f92a0dd..3247164  fix/app-init -> fix/app-init
```

GNU nano 6.2

__init__.py

```
app = Flask(__name__)

# Load configuration according to environment
config_manager = ConfigManager(app)
config_manager.load_config(config_name=config_name)

# Initialize SQLAlchemy and Migrate with the app
<<<<<<< HEAD
db.init_app(app, uri=os.getenv('DATABASE_URI'))
=====
db.init_app(app, uri=os.getenv('DB_CONNECTION_STRING'))
>>>>>>> feature/conflicto
migrate.init_app(app, db)

# Register modules
module_manager = ModuleManager(app)
module_manager.register_modules()

# Register login manager
from flask_login import LoginManager
```

^G Ayuda

^O Guardar

^W Buscar

^K Cortar

^T Ejecutar

^C Ubicación

^X Salir

^R Leer fich.

^\ Reemplazar

^U Pegar

^J Justificar

^/ Ir a línea

```
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1/app$ git checkout fix/app-init
Ya en 'fix/app-init'
Tu rama está actualizada con 'origin/fix/app-init'.
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1/app$ git merge feature/conflicto
Auto-fusionando app/__init__.py
CONFLICTO (contenido): Conflicto de fusión en app/__init__.py
Fusión automática falló; arregle los conflictos y luego realice un commit con el
resultado.
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1/app$ nano __init__.py
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1/app$ git add .
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1/app$ git commit -m "Fixed(app):F
ixed conflicts at app"
[fix/app-init a7f48c3] Fixed(app):Fixed conflicts at app
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1/app$ git push
Enumerando objetos: 10, listo.
Contando objetos: 100% (10/10), listo.
Compresión delta usando hasta 4 hilos
Comprimiendo objetos: 100% (4/4), listo.
Escribiendo objetos: 100% (4/4), 516 bytes | 516.00 KiB/s, listo.
Total 4 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To github.com:raumonmar1/EGC-2425-raumonmar1.git
   46b0cad..a7f48c3  fix/app-init -> fix/app-init
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1/app$
```

Ejercicio GitHub Actions

Apartado 1

```
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1/app$ git checkout config/ci
rama 'config/ci' configurada para rastrear 'origin/config/ci'.
Cambiado a nueva rama 'config/ci'
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1/app$ cd ..
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1$ ls
app      docker      requirements.txt  scripts  venv
app.log  migrations  rosemary         setup.py
core     README.md   rosemary.egg-info vagrant
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1$
```

Ejercicio GitHub Actions

Apartado 2

```
steps:
  - uses: actions/checkout@v4

  - uses: actions/setup-python@v5
    with:
      python-version: '3.11'

  - name: outdated_dependencies
    run: |
      pip list --outdated
```

Ejercicio GitHub Actions

Apartado 3

Ejercicio Pruebas

Apartado 1

```
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1$ git checkout test/exam
rama 'test/exam' configurada para rastrear 'origin/test/exam'.
Cambiado a nueva rama 'test/exam'
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1$ rosemary coverage --html
--ignore-glob='selenium'
Running coverage for all modules...
===== test session starts =====
platform linux -- Python 3.12.8, pytest-8.2.2, pluggy-1.5.0
rootdir: /home/practica/EGC-2425-raumonmar1/app/modules
configfile: pytest.ini
plugins: Faker-26.0.0, cov-5.0.0
collected 14 items

app/modules/auth/tests/test_unit.py ..... [ 64%]
app/modules/featuremodel/tests/test_unit.py . [ 71%]
app/modules/flamapy/tests/test_unit.py . [ 78%]
app/modules/hubfile/tests/test_unit.py . [ 85%]
app/modules/profile/tests/test_unit.py . [ 92%]
app/modules/webhook/tests/test_unit.py . [100%]

----- coverage: platform linux, python 3.12.8-final-0 -----
Coverage HTML written to dir htmlcov

===== 14 passed in 8.03s =====
--ignore-glob=selenium: orden no encontrada
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1$
```


Ejercicio Pruebas

Apartado 2

```
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1$ rosemary locust
Starting Locust in local environment on port 8089...
Locust is already running.
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1$
```

Actividades Firefox 10 de ene 17:06

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localhost:8089

Locust

HOST: http://localhost:5000 STATUS: RUNNING USERS: 5 RPS: 267.5 FAILURES: 47% EDIT STOP RESET

STATISTICS CHARTS FAILURES EXCEPTIONS CURRENT RATIO DOWNLOAD DATA LOGS

Type	Name	# Requests	# Fails	Median (ms)	95%ile (ms)	99%ile (ms)	Average (ms)	Min (ms)	Max (ms)	Average size (bytes)	Current RPS	Current Failures/s
GET	/dataset/upload	163	0	18	27	54	19.45	11	80	16131	34	0
GET	/featuremodel	341	0	11	18	37	11.08	3	43	13590	72	0
GET	/flamapy	308	308	12	19	23	12.07	3	64	1745	63	63
GET	/hubfile	308	308	11	21	34	12.12	4	49	1745	63	63
GET	/login	67	0	10	16	20	9.9	5	20	16131	10.5	0
POST	/login	66	0	19	28	48	18.88	10	48	16346	10	0
GET	/logout	55	0	29	45	120	31.16	19	118	20618	15	0
Aggregated		1308	616	12	25	42	13.78	3	118	8893.02	267.5	126

ABOUT

Ejercicio Pruebas

Apartado 3

```
def test_login_unsuccessful_blank(test_client):  
    response = test_client.post(  
        "/login", data=dict(email="", password=""), follow_redirects=True  
    )  
  
    assert response.request.path == url_for("auth.login"), "Login was unsuccessful"  
  
    test_client.get("/logout", follow_redirects=True)
```

Ejercicio Pruebas

Apartado 4

```
def test_service_create_with_profile_success_count(clean_database):  
    data = {  
        "name": "Test",  
        "surname": "Foo",  
        "email": "service_test@example.com",  
        "password": "test1234"  
    }  
  
    AuthenticationService().create_with_profile(**data)  
  
    assert UserRepository().count() != 1  
    assert UserProfileRepository().count() == 1
```

Ejercicio Pruebas

Apartado 5

Ejercicio Docker

Apartado 1

```
(venv) practica@pc-13-143:~/EGC-2425-raimonmar1$ docker compose -f docker/docker-compose.dev.yml up -d
[+] Running 1/1
! web Warning manifest for drorganvidez/uvlhub:dev not found: manifest u... 13.2s
[+] Running 1/20s (0/1) docker:default
[+] Building 6.3s (8/9) docker:default
=> [db internal] load build definition from Dockerfile.mariadb 0.0s
[+] Running 1/2.6s (12/26) docker:default
[+] Building 39.6s (12/26) docker:default
=> [db internal] load .dockerignore 0.0s
[+] Running 1/2.4s (13/26) docker:default
[+] Building 47.5s (13/26) docker:default
✓ Service db Built 5.1s
[+] Running 1/2.7s (13/26) docker:default
[+] Building 47.8s (13/26) docker:default
✓ Service db Built 5.1s
✓ Service db Built 5.1s
[+] Building 73.8s (24/26) docker:default
✓ Service db Built 5.1s
[+] Building 74.4s (24/26) docker:default
✓ Service db Built 5.1s
:: Service web Building 73.2s
[+] Running 1/2.5s (24/26) docker:default
[+] Building 78.6s (24/26) docker:default
✓ Service db Built 5.1s
[+] Running 1/2.8s (24/26) docker:default
[+] Building 78.9s (24/26) docker:default
✓ Service db Built 5.1s
[+] Running 1/2.2s (24/26) docker:default
[+] Building 81.3s (24/26) docker:default
=> [web internal] load .dockerignore 0.0s
[+] Running 1/2.5s (24/26) docker:default
[+] Building 81.6s (24/26) docker:default
=> [web internal] load .dockerignore 0.0s
[+] Running 1/2.1s (24/26) docker:default
[+] Building 82.2s (24/26) docker:default
=> [web internal] load .dockerignore 0.0s
[+] Running 1/2.4s (24/26) docker:default
[+] Building 82.5s (24/26) docker:default
=> [web internal] load .dockerignore 0.0s
✓ Service db Built 5.1s
[+] Building 84.3s (24/26) docker:default
[+] Running 1/2.5s (24/26) docker:default
```

```

[+] Running 2/2 image sha256:4407e736f9a7cddb8beda1000c9486fc4debd4b59d836b5f9fccb7cc3648a 0.0s
✓ Service db Built 5.1s
✓ Service web Built 88.5s
[+] Running 6/6 er_uvlhub_network Creating 0.0s
✓ Service db Built 5.1s ✓ Service web Built 0.1s
88.5s ✓ Network docker_uvlhub_network Created
✓ Container mariadb_container Started 0.5s
✓ Container web_app_container Started 0.5s
✓ Container nginx_web_server_container Starting 0.7s
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1$ docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS                               NAMES
7358c05e5df8   nginx:latest   "/docker-entrypoint..." 15 seconds ago Up 14 seconds 0.0.0.0:80->80/tcp, :::80->80/tcp  nginx_web_server
85d39c7fece9   drorganvidez/uvlhub:dev "sh -c 'sh /app/dock..." 16 seconds ago Up 14 seconds 5000/tcp                               web_app_containe
25bd39e88aa9   docker-db      "docker-entrypoint.s..." 16 seconds ago Up 15 seconds 0.0.0.0:3306->3306/tcp, :::3306->3306/tcp mariadb_containe
f613439e4e64   containrrr/watchtower "/watchtower --clean..." 9 minutes ago  Up 9 minutes (healthy) 8080/tcp                               watchtower_conta
iner
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1$

```

Ejercicio Vagrant

Apartado 1

```
(venv) practica@pc-13-143:~/EGC-2425-raumonmar1/vagrant$ vagrant up
Loading .env file from: /home/practica/EGC-2425-raumonmar1/.env
FLASK_APP_NAME: "UVLHUB.IO(dev)"
FLASK_ENV: development
DOMAIN: localhost:5000
MARIADB_HOSTNAME: localhost
MARIADB_PORT: 3306
MARIADB_DATABASE: uvlhubdb
MARIADB_TEST_DATABASE: uvlhubdb_test
MARIADB_USER: uvlhubdb_user
MARIADB_PASSWORD: uvlhubdb_password
MARIADB_ROOT_PASSWORD: uvlhubdb_root_password
WORKING_DIR: /vagrant/
Bringing machine 'default' up with 'virtualbox' provider...
==> default: Box 'ubuntu/jammy64' could not be found. Attempting to find and install...
    default: Box Provider: virtualbox
    default: Box Version: >= 0
==> default: Loading metadata for box 'ubuntu/jammy64'
    default: URL: https://vagrantcloud.com/api/v2/vagrant/ubuntu/jammy64
==> default: Adding box 'ubuntu/jammy64' (v20241002.0.0) for provider: virtualbox
    default: Downloading: https://vagrantcloud.com/ubuntu/boxes/jammy64/versions/20241002.0.0/providers/virtualbox/unknown/vagrant.box
The box failed to unpack properly. Please verify that the box
file you're trying to add is not corrupted and that enough disk space
is available and then try again.
The output from attempting to unpack (if any):

bsdtar: Error opening archive: Unrecognized archive format
```