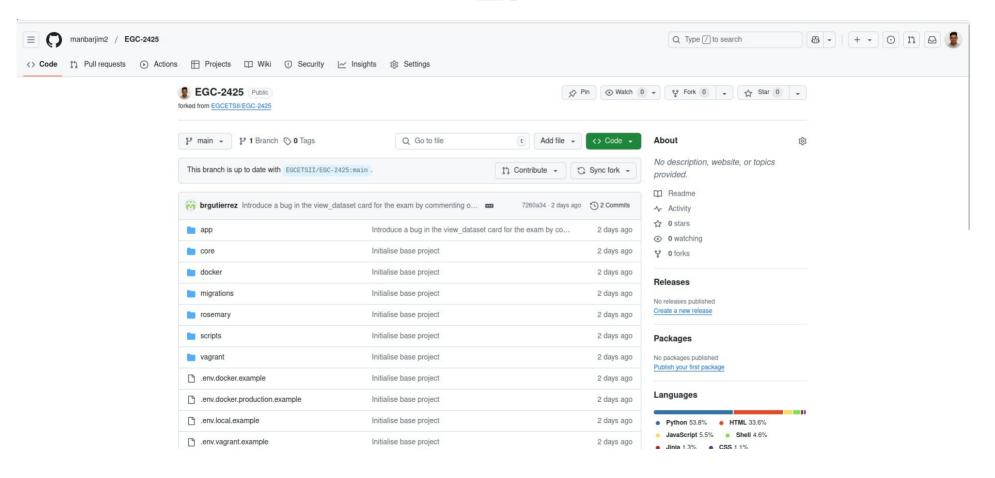
# Ejercicios Git

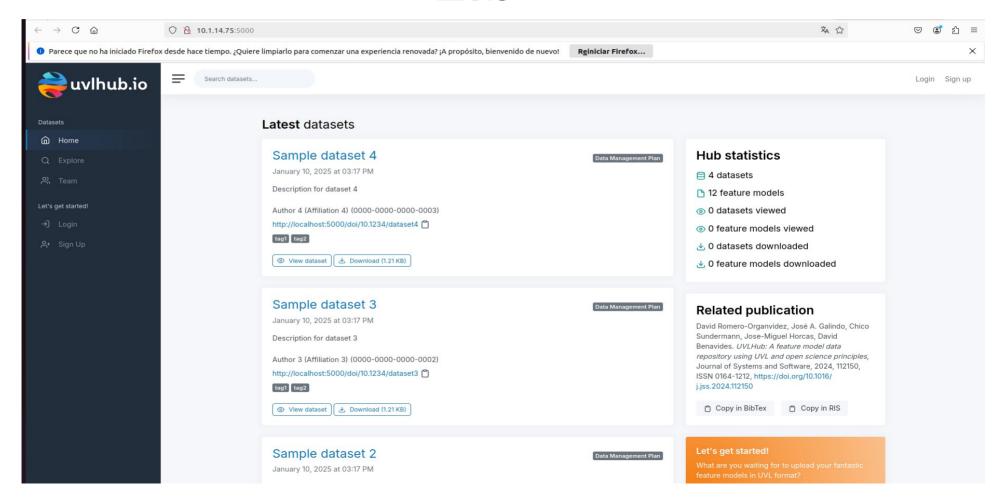


## <u>2a</u>

```
(veny) practica@pc-14-75:~/Escritorio/examen/EGC-2425$ flask run --host=0.0.0.0 --reload --debug
* Debug mode: on
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:5000
* Running on http://10.1.14.75:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 111-463-940
[2025-01-10 16:17:23,591] INFO in routes: Access index
2025-01-10 16:17:23,591 - app.modules.public.routes - INFO - Access index
10.1.12.17 - - [10/Jan/2025 16:17:23] "GET / HTTP/1.1" 200 -
10.1.12.17 - - [10/Jan/2025 16:17:23] "GET /static/css/app.css HTTP/1.1" 200 -
10.1.12.17 - - [10/Jan/2025 16:17:23] "GET /static/css/dropzone.css HTTP/1.1" 200 -
10.1.12.17 - - [10/Jan/2025 16:17:23] "GET /static/css/own.css HTTP/1.1" 200 -
10.1.12.17 - - [10/Jan/2025 16:17:23] "GET /static/js/app.js HTTP/1.1" 200 -
10.1.12.17 - - [10/Jan/2025 16:17:23] "GET /public/scripts.js HTTP/1.1" 200 -
10.1.12.17 - - [10/Jan/2025 16:17:23] "GET /static/img/logos/logo-dark.svg HTTP/1.1" 200 -
```

10.1.12.17 - - [10/Jan/2025 16:17:24] "GET /static/img/icons/icon-250x250.png HTTP/1.1" 200 -

#### 2.b



NameError: name 'create app' is not defined

(venv) practica@pc-14-75:~/Escritorio/examen/EGC-2425\$

```
(venv) practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git branch
(venv) practica@pc-14-75:~/Escritorio/examen/EGC-2425$ 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-14-75:~/Escritorio/examen/EGC-2425$ flask run
Traceback (most recent call last):
 File "/home/practica/Escritorio/examen/EGC-2425/venv/bin/flask", line 8, in <module>
   sys.exit(main())
 File "/home/practica/Escritorio/examen/EGC-2425/venv/lib/python3.12/site-packages/flask/cli.py", line 1105, in main
 File "/home/practica/Escritorio/examen/EGC-2425/venv/lib/python3.12/site-packages/click/core.py", line 1078, in main
   rv = self.invoke(ctx)
 File "/home/practica/Escritorio/examen/EGC-2425/venv/lib/python3.12/site-packages/click/core.py", line 1688, in invoke
   return process result(sub ctx.command.invoke(sub ctx))
 File "/home/practica/Escritorio/examen/EGC-2425/venv/lib/python3.12/site-packages/click/core.py", line 1434, in invoke
    return ctx.invoke(self.callback, **ctx.params)
 File "/home/practica/Escritorio/examen/EGC-2425/venv/lib/python3.12/site-packages/click/core.py", line 783, in invoke
    return callback(*args, **kwargs)
 File "/home/practica/Escritorio/examen/EGC-2425/venv/lib/python3.12/site-packages/click/decorators.py", line 92, in new func
    return ctx.invoke(f, obj, *args, **kwargs)
 File "/home/practica/Escritorio/examen/EGC-2425/venv/lib/pvthon3.12/site-packages/click/core.py", line 783, in invoke
   return __callback(*args, **kwargs)
 File "/home/practica/Escritorio/examen/EGC-2425/venv/lib/python3.12/site-packages/flask/cli.py", line 953, in run command
   raise e from None
 File "/home/practica/Escritorio/examen/EGC-2425/venv/lib/python3.12/site-packages/flask/cli.py", line 937, in run command
   app: WSGIApplication = info.load app()
 File "/home/practica/Escritorio/examen/EGC-2425/venv/lib/python3.12/site-packages/flask/cli.py", line 339, in load app
    app = locate app(import name, None, raise if not found=False)
 File "/home/practica/Escritorio/examen/EGC-2425/venv/lib/python3.12/site-packages/flask/cli.py", line 245, in locate app
      import (module name)
 File "/home/practica/Escritorio/examen/EGC-2425/app/ init .py", line 70, in <module>
    app = create app()
          ^^^^
```

## 5a

```
• (venv) practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git checkout -b fix/app-init feature/init-bug Cambiado a nueva rama 'fix/app-init'
• (venv) practica@pc-14-75:~/Escritorio/examen/EGC-2425$
```

## 5b

```
practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git branch
    feature/init-bug
* fix/app-init
    main
practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git add .
practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git commit -m "Se ha corregido el error descomentando la función create_app"
[fix/app-init 23cfa69] Se ha corregido el error descomentando la función create_app
1 file changed, 1 insertion(+), 2 deletions(-)
```

```
practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git push
Everything up-to-date
practica@pc-14-75:~/Escritorio/examen/EGC-2425$
```

Se me olvido referenciar la issue por lo que he realizado otro commit para hacerlo.

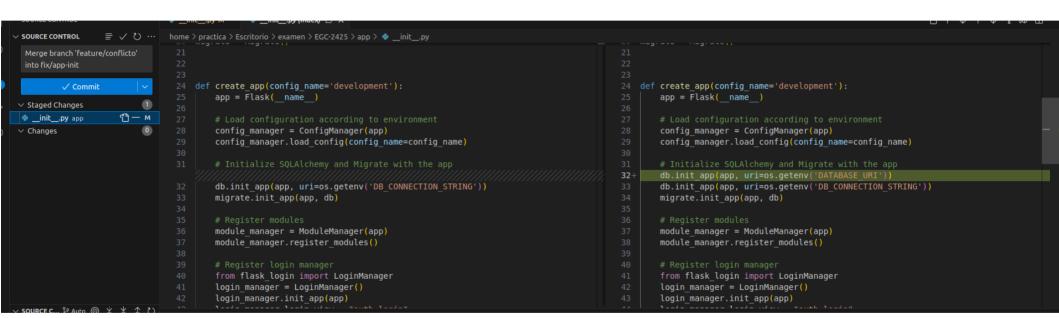
```
    practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git add .
    practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git commit -m "Commit para referenciar la issue #1" [fix/app-init 7f4ac2c] Commit para referenciar la issue #1
        1 file changed, 1 insertion(+)
    practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git pull
        Ya está actualizado.
```

```
    practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git branch feature/init-bug
    * fix/app-init main
    practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git checkout -b feature/conflicto fix/app-init Cambiado a nueva rama 'feature/conflicto'
    practica@pc-14-75:~/Escritorio/examen/EGC-2425$
```

```
# Initialize SQLAlchemy and Migrate with the app
db.init_app(app, uri=os.getenv('DATABASE_URI'))
migrate.init_app(app, db)
```

```
19 db = SQLAlchemy()
 20 migrate = Migrate()
     def create app(config name='development'):
          app = Flask( name )
          config manager = ConfigManager(app)
          config manager.load config(config name=config name)
          db.init app(app, uri=os.getenv('DB CONNECTION STRING'))
          migrate.init app(app, db)
          module manager = ModuleManager(app)
          module manager.register modules()
          from flack login import LoginManager
 PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git branch
 feature/conflicto
 feature/init-bug
practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git add .
practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git commit -m "Cambio en la configuracion de la database"
[fix/app-init 35d3e13] Cambio en la configuracion de la database
1 file changed, 1 insertion(+), 1 deletion(-)
practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git push
Enumerando objetos: 7, listo.
Contando objetos: 100% (7/7), listo.
Compresión delta usando hasta 8 hilos
Comprimiendo objetos: 100% (4/4), listo.
Escribiendo objetos: 100% (4/4), 476 bytes | 476.00 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:manbarjim2/EGC-2425.git
  44f7854..35d3e13 fix/app-init -> fix/app-init
practica@pc-14-75:~/Escritorio/examen/EGC-2425s
```

```
19 db = SQLAlchemy()
 20 migrate = Migrate()
     def create app(config name='development'):
          app = Flask( name )
          config manager = ConfigManager(app)
          config manager.load config(config name=config name)
      <><<< HEAD (Current Change)
          db.init app(app, uri=os.getenv('DB CONNECTION STRING'))
          db.init app(app, uri=os.getenv('DATABASE URI'))
      >>>>> feature/conflicto (Incoming Change)
          migrate.init app(app, db)
                                                                                                                                                            Resolve in
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
 practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git branch
  feature/conflicto
  feature/init-bug
practica@pc-14-75:~/Escritorio/examen/EGC-2425$ 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.
practica@pc-14-75:~/Escritorio/examen/EGC-2425$
```



## 7.6 y 7.7

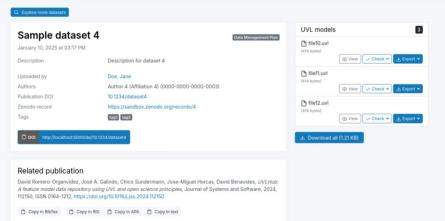
Confirmé la resolución del conflicto, completé el merge e hice el push sin hacer capturas, pero como se puede ver aquí fue realizado tal cual.

```
app > 💠 init .py
      def create app(config name='development'):
          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
          db.init app(app, uri=os.getenv('DATABASE URI'))
          db.init app(app, uri=os.getenv('DB CONNECTION STRING'))
          migrate.init app(app, db)
          # Register modules
          module manager = ModuleManager(app)
          module manager.register modules()
          # Register login manager
          from flask login import LoginManager
          login manager = LoginManager()
          login manager.init app(app)
          login manager.login view = "auth.login"
PROBLEMS.
                               TERMINAL
practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git branch
  feature/conflicto
  feature/init-bug
* fix/app-init
practica@pc-14-75:~/Escritorio/examen/EGC-2425$
```

```
practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git checkout hotfix/bug-critical
rama 'hotfix/bug-critical' configurada para rastrear 'origin/hotfix/bug-critical'.
Cambiado a nueva rama 'hotfix/bug-critical'
practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git log
commit 678e7dc6853fb1e1b1b64c5116e6b44e4a5054ab (HEAD -> hotfix/bug-critical, origin/hotfix/bug-critical)
Author: Belen Ramos <br/> <br/>brgutierrez@us.es>
Date: Wed Jan 8 09:29:03 2025 +0100
    Fix the bug in the view dataset card by uncommenting the card section, restoring the dataset view functionality
commit 7260a34ef4f445bc39c57aad9b8aecb4de15fd39 (origin/main, origin/HEAD, main)
Author: Belen Ramos <br/> <br/>brgutierrez@us.es>
        Wed Jan 8 09:17:58 2025 +0100
Date:
    Introduce a bug in the view dataset card for the exam by commenting out the card section to simulate an error
commit 546eea4205ef86c27030f720ac6521d7495c3452
Author: Belen Ramos <br/> <br/>brgutierrez@us.es>
       Wed Jan 8 09:16:01 2025 +0100
Date:
    Initialise base project
```

## 9

```
practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git checkout main
Cambiado a rama 'main'
Tu rama está actualizada con 'origin/main'.
practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git cherry-pick 678e7dc6853fble1b1b64c5116e6b44e4a5054ab
[main e86a620] Fix the bug in the view_dataset card by uncommenting the card section, restoring the dataset view functionality
Author: Belen Ramos <br/>brgutierrez@us.es>
Date: Wed Jan 8 09:29:03 2025 +0100
2 files changed, 3 insertions(+), 2 deletions(-)
```



```
env) practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git push
umerando objetos: 17, listo.
ntando objetos: 100% (17/17), listo.
mpresión delta usando hasta 8 hilos
mprimiendo objetos: 100% (6/6), listo.
cribiendo objetos: 100% (6/6), 726 bytes | 726.00 KiB/s, listo.
tal 9 (delta 6), reused 3 (delta 1), pack-reused 0 (from 0)
mote: Resolving deltas: 100% (6/6), completed with 6 local objects.
github.com:manbarjim2/EGC-2425.git
7260a34..e86a620 main -> main
```

## Ejercicio GitHub Actions

1

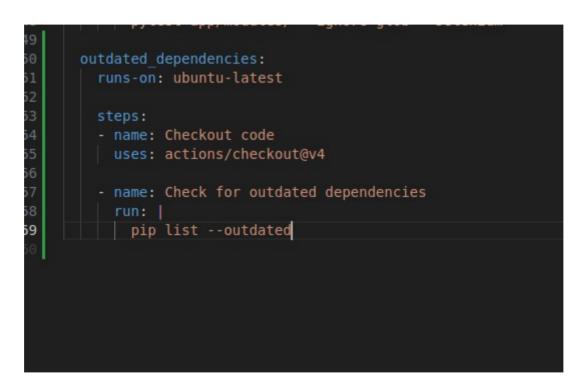
```
ejercicio ci.yml ×
 .github > workflows > ! ejercicio ci.yml
                MYSQL USER: uvlhub user
                MYSQL PASSWORD: uvlhub password
               options: --health-cmd="mysqladmin ping" --health-interval=10s --health-timeout=5s --health-retries=3
           - uses: actions/checkout@v4
           - uses: actions/setup-python@v5
            python-version: '3.11
           - name: Prepare environment
               sed -i '/rosemary @ file:\/\/\app/d' requirements.txt
           - name: Install dependencies
               python -m pip install --upgrade pip
               pip install -r requirements.txt
           - name: Run Tests
               FLASK ENV: testing
               MARIADB HOSTNAME: 127.0.0.1
               MARIADB PORT: 3306
               MARIADB TEST DATABASE: uvlhubdb test
               MARIADB USER: uvlhub user
               MARIADB PASSWORD: uvlhub password
 PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
(venv) practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git checkout config/ci
 rama 'config/ci' configurada para rastrear 'origin/config/ci'.
 Cambiado a nueva rama 'config/ci'
 (venv) practica@pc-14-75:~/Escritorio/examen/EGC-2425$ []
```

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

- uses: actions/setup-python@v5
| with:
    | python-version: ['3.11', '3.12']

- name: Prepare environment
| run: |
    | sed -i '/rosemary @ file:\/\/\/app/d' re

- name: Install dependencies
| run: |
```



```
(veny) practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git checkout config/ci
 rama 'config/ci' configurada para rastrear 'origin/config/ci'.
 Cambiado a nueva rama 'config/ci'
• (venv) practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git add .
• (venv) practica@pc-14-75:~/Escritorio/examen/EGC-2425$ qit commit -m "Añadido jobs para comprobar dependencias desactualizadas."
 [config/ci 5b0d0ee] Añadido jobs para comprobar dependencias desactualizadas.
  1 file changed, 13 insertions(+), 2 deletions(-)
• (venv) practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git push
 Enumerando objetos: 9, listo.
 Contando objetos: 100% (9/9), listo.
 Compresión delta usando hasta 8 hilos
 Comprimiendo objetos: 100% (3/3), listo.
 Escribiendo objetos: 100% (5/5), 520 bytes | 260.00 KiB/s, listo.
 Total 5 (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:manbarjim2/EGC-2425.git
    44fe92f..5b0d0ee config/ci -> config/ci
 (venv) practica@pc-14-75:~/Escritorio/examen/EGC-2425$
```

```
services:
| mysql:
| image: ['mysql:5.7', 'mysql:8.0']
| env:
| MYSQL_ROOT_PASSWORD: uvlhub_root_password
| MYSQL_DATABASE: uvlhubdb_test
| MYSQL_USER: uvlhub_user
| MYSQL_PASSWORD: uvlhub_password
```

#### 5

```
(venv) practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git add .
(venv) practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git commit -m "Version en ejercicio_ci de mysql tanto para 5.7 como para 8.0"
[config/ci f46fb6e] Version en ejercicio_ci de mysql tanto para 5.7 como para 8.0
1 file changed, 2 insertions(+), 2 deletions(-)
(venv) practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git push
Enumerando objetos: 9, listo.
Contando objetos: 100% (9/9), listo.
Compresión delta usando hasta 8 hilos
Comprimiendo objetos: 100% (3/3), listo.
Escribiendo objetos: 100% (3/3), d64 bytes | 232.00 KiB/s, listo.
Total 5 (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:manbarjim2/EGC-2425.git
5b0d0ee..f46fb6e config/ci -> config/ci
```