

# Intensificación Técnica

Nombre: Pablo

Apellidos: Rodriguez Sánchez

UVUS:pabrodsan11

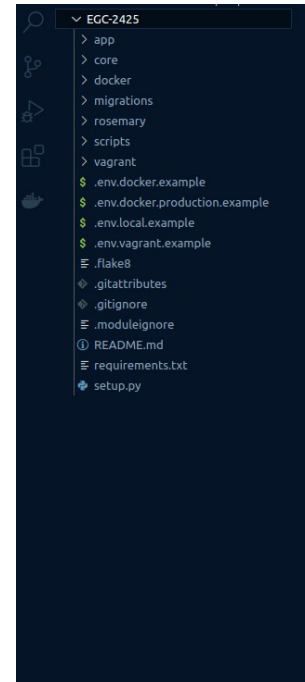
Enlace al repositorio de GitHub:

<https://github.com/Pavlo-Rods/EGC-2425.git>

# Ejercicio Git

## *Apartado 1*

```
practica@pc-12-62: ~/Documentos
practica@pc-12-62:~/Documentos$ git clone https://github.com/Pavlo-Rods/EGC-2425
.git
Clonando en 'EGC-2425'...
remote: Enumerating objects: 382, done.
remote: Counting objects: 100% (382/382), done.
remote: Compressing objects: 100% (243/243), done.
remote: Total 382 (delta 84), reused 382 (delta 84), pack-reused 0 (from 0)
Recibiendo objetos: 100% (382/382), 1.60 MiB | 6.03 MiB/s, listo.
Resolviendo deltas: 100% (84/84), listo.
practica@pc-12-62:~/Documentos$
```



# Ejercicio Git

## Apartado 2

```
practica@pc-12-62:~/Documentos/EGC-2425$ cp .env.local.example .env
practica@pc-12-62:~/Documentos/EGC-2425$ echo "webhook" > .moduleignore
practica@pc-12-62:~/Documentos/EGC-2425$ python3.12 -m venv venv
practica@pc-12-62:~/Documentos/EGC-2425$ source venv/bin/activate
(venv) practica@pc-12-62:~/Documentos/EGC-2425$ pip install --upgrade pip
Requirement already satisfied: pip in ./venv/lib/python3.12/site-packages (24.3.1)
(venv) practica@pc-12-62:~/Documentos/EGC-2425$ pip install -r requirements.txt
Collecting afmparser==1.0.3 (from -r requirements.txt (line 1))
  Downloading afmparser-1.0.3-py3-none-any.whl.metadata (3.1 kB)
Collecting alembic==1.13.2 (from -r requirements.txt (line 2))
  Downloading alembic-1.13.2-py3-none-any.whl.metadata (7.4 kB)
Collecting aniso8601==9.0.1 (from -r requirements.txt (line 3))
  Downloading aniso8601-9.0.1-py2.py3-none-any.whl.metadata (23 kB)
Collecting antlr4-python3-runtime==4.13.1 (from -r requirements.txt (line 4))
  Downloading antlr4-python3-runtime-4.13.1-py3-none-any.whl.metadata (304 bytes)
Collecting astutils==0.0.6 (from -r requirements.txt (line 5))
```

```
(venv) practica@pc-12-62:~/Documentos/EGC-2425$ pip install -e ./
Obtaining file:///home/practica/Documentos/EGC-2425
Preparing metadata (setup.py) ... done
Requirement already satisfied: click in ./venv/lib/python3.12/site-packages
emary==0.1.0) (8.1.7)
Requirement already satisfied: python-dotenv in ./venv/lib/python3.12/site-
from rosemary==0.1.0) (1.0.1)
Installing collected packages: rosemary
```

```
zip Generates a zip file named egc-cuvus> entrega.zip...
(venv) practica@pc-12-62:~/Documentos/EGC-2425$ flask db upgrade
INFO [alembic.runtime.migration] Context impl MySQLImpl.
INFO [alembic.runtime.migration] Will assume non-transactional DDL.
INFO [alembic.runtime.migration] Running upgrade -> 0001, first migration
(venv) practica@pc-12-62:~/Documentos/EGC-2425$ rosemary db:seed
Seeding data for all modules...
AuthSeeder performed.
DataSetSeeder performed.
FeatureModelSeeder performed.
FlumpySeeder performed.
WebhookSeeder performed.
HubfileSeeder performed.
Database populated with test data.
(venv) practica@pc-12-62:~/Documentos/EGC-2425$ flask run --host=0.0.0.0 --reload --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://10.1.12.62:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 469-798-016
[2025-01-10 16:26:04.253] INFO in routes: Access index
2025-01-10 16:26:04.253 - app.modules.public.routes - INFO - Access index
127.0.0.1 - - [10/Jan/2025 16:26:04] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [10/Jan/2025 16:26:04] "GET /static/css/app.css HTTP/1.1" 200 -
127.0.0.1 - - [10/Jan/2025 16:26:04] "GET /static/css/dropzone.css HTTP/1.1" 200 -
127.0.0.1 - - [10/Jan/2025 16:26:04] "GET /static/css/own.css HTTP/1.1" 200 -
127.0.0.1 - - [10/Jan/2025 16:26:04] "GET /public/scripts.js HTTP/1.1" 200 -
127.0.0.1 - - [10/Jan/2025 16:26:04] "GET /static/js/app.js HTTP/1.1" 200 -
127.0.0.1 - - [10/Jan/2025 16:26:04] "GET /static/img/logos/logo-dark.svg HTTP/1.1" 200 -
127.0.0.1 - - [10/Jan/2025 16:26:04] "GET /static/img/icons/icon-256x256.png HTTP/1.1" 200 -
```

The screenshot shows the UVLHub.io website interface. The top navigation bar includes links for 'Archivo', 'Editar', 'Ver', 'Historial', 'Marcadores', 'Herramientas', and 'Ayuda'. The main content area is titled 'Latest datasets' and lists three sample datasets: 'Sample dataset 4', 'Sample dataset 3', and 'Sample dataset 2'. Each dataset entry includes a description, author information, and links to view or download the dataset. On the right side, there is a 'Hub statistics' section showing the number of datasets, feature models, and downloads. Below that is a 'Related publication' section with a link to a journal article. At the bottom right, there is a 'Let's get started!' section with a 'Sign up' button.

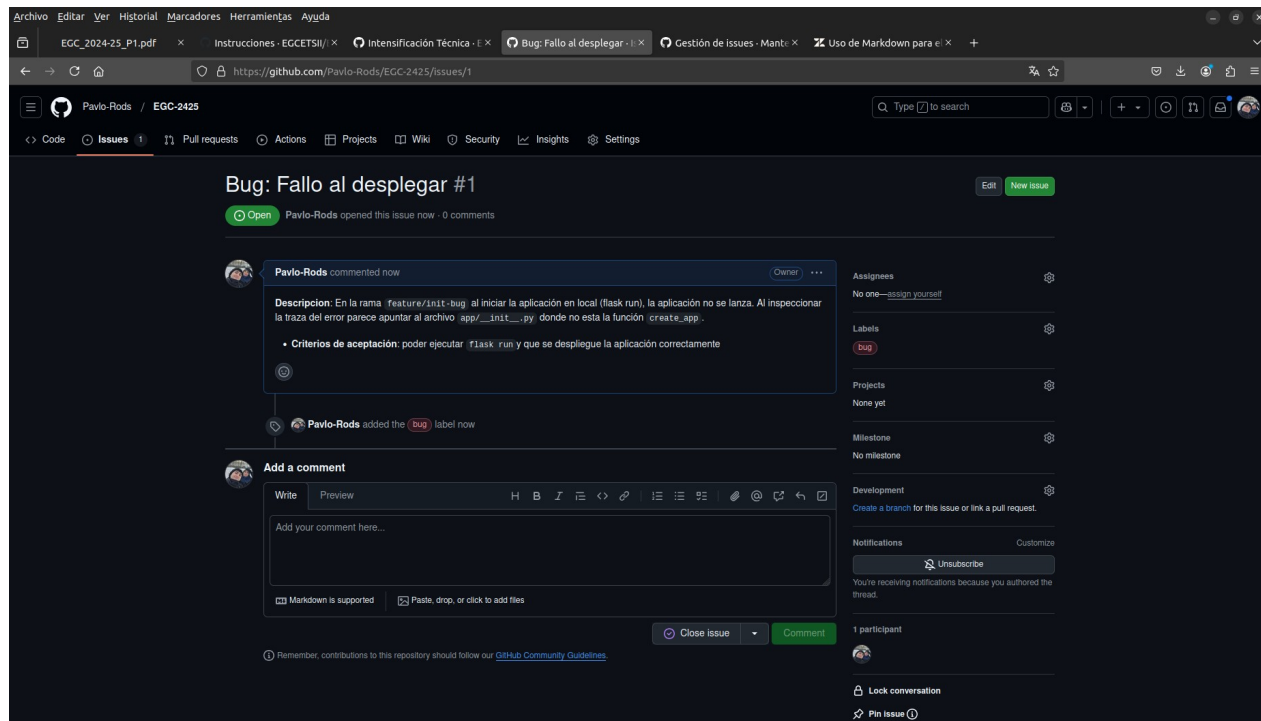
# Ejercicio Git

## *Apartado 3*

```
• (venv) practica@pc-12-62:~/Documentos/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-12-62:~/Documentos/EGC-2425$ flask run --host=0.0.0.0 --reload --debug
Traceback (most recent call last):
  File "/home/practica/Documentos/EGC-2425/venv/bin/flask", line 8, in <module>
    sys.exit(main())
    ~~~~~
  File "/home/practica/Documentos/EGC-2425/venv/lib/python3.12/site-packages/flask/cli.py", line 1105, in main
    cli.main()
  File "/home/practica/Documentos/EGC-2425/venv/lib/python3.12/site-packages/click/core.py", line 1078, in main
    rv = self.invoke(ctx)
    ~~~~
  File "/home/practica/Documentos/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/Documentos/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/Documentos/EGC-2425/venv/lib/python3.12/site-packages/click/core.py", line 783, in invoke
    return _callback(*args, **kwargs)
    ~~~~~
  File "/home/practica/Documentos/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/Documentos/EGC-2425/venv/lib/python3.12/site-packages/click/core.py", line 783, in invoke
    return _callback(*args, **kwargs)
    ~~~~~
  File "/home/practica/Documentos/EGC-2425/venv/lib/python3.12/site-packages/flask/cli.py", line 953, in run_command
    raise e from None
  File "/home/practica/Documentos/EGC-2425/venv/lib/python3.12/site-packages/flask/cli.py", line 937, in run_command
    app: WSGIApplication = info.load_app()
    ~~~~~
  File "/home/practica/Documentos/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/Documentos/EGC-2425/venv/lib/python3.12/site-packages/flask/cli.py", line 245, in locate_app
    import _module_name
  File "/home/practica/Documentos/EGC-2425/app/__init__.py", line 70, in <module>
    app = create_app()
    ~~~~~
NameError: name 'create_app' is not defined
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$
```

# Ejercicio Git

## Apartado 4

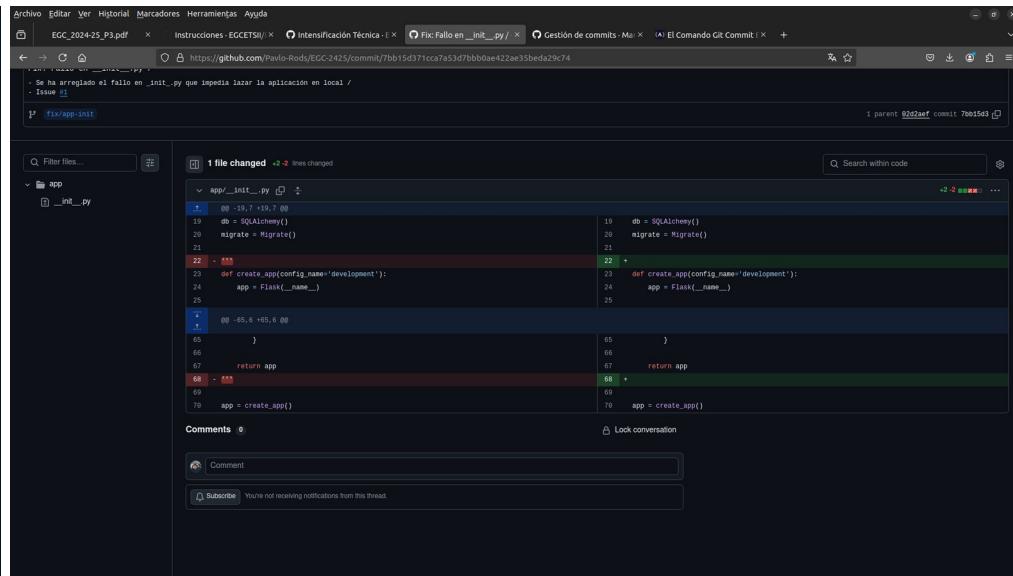


# Ejercicio Git

## *Apartado 5*

```
(venv) practica@pc-12-62:~/Documentos/EGC-2425$ git checkout -b fix/app-init
Cambiado a nueva rama 'fix/app-init'
(venv) practica@pc-12-62:~/Documentos/EGC-2425$ flask run
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
^C(venv) practica@pc-12-62:~/Documentos/EGC-2425$ git add .
(venv) practica@pc-12-62:~/Documentos/EGC-2425$ git commit -m "Fix: Fallo en _init_.py /
> - Se ha arreglado el fallo en _init_.py que impedia lanzar la aplicación en local /
> - Issue #1
> "
[fix/app-init 7bb15d3] Fix: Fallo en _init_.py / - Se ha arreglado el fallo en _init_.py que impedia lanzar la aplicación en local / - Issue #1
1 file changed, 2 insertions(+), 2 deletions(-)
(venv) practica@pc-12-62:~/Documentos/EGC-2425$ git push -u fix/app-init
fatal: 'fix/app-init' does not appear to be a git repository
fatal: No se pudo leer del repositorio remoto.

Por favor asegúrate de que tengas los permisos de acceso correctos
y que el repositorio exista.
(venv) practica@pc-12-62:~/Documentos/EGC-2425$ git push -u origin fix/app-init
Enumerando objetos: 7, listo.
Contando objetos: 100% (7/7), listo.
Compresión delta usando hasta 16 hilos
Comprimiendo objetos: 100% (3/3), listo.
Escribiendo objetos: 100% (4/4), 541 bytes | 541.00 KiB/s, listo.
Total 4 (delta 2), reused 2 (delta 1), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
remote:
remote: Create a pull request for 'fix/app-init' on GitHub by visiting:
remote:   https://github.com/Pavlo-Rods/EGC-2425/pull/new/fix/app-init
remote:
To https://github.com/Pavlo-Rods/EGC-2425.git
 * [new branch]   fix/app-init -> fix/app-init
rama 'fix/app-init' configurada para rastrear 'origin/fix/app-init'.
(venv) practica@pc-12-62:~/Documentos/EGC-2425$
```



# Ejercicio Git

## *Apartado 6*

The screenshot shows a GitHub pull request interface. At the top, it says 'Fix/app init #2' and 'Pavlo-Rods wants to merge 3 commits into main from fix/app-init'. Below this, there's a 'Conversation' tab with a comment from 'Pavlo-Rods' stating: 'Se ha solucionado el bug que impedía lanzar la aplicación. Como podemos ver en el commit 7bb15d371cca7a53d7bbb0ae422ae35bed29c74 el problema estaba ya que se había comentado la función create\_app'. There's a link to an issue 'Bug: Fallo al desplegar #1'. Below the comment, a commit history shows three commits: 'Initial version ready for local deployment', 'Introduce bug in app/init for debugging exercise', and 'Fix: Fallo en \_\_init\_\_.py'. At the bottom, there's a green box indicating 'This branch has no conflicts with the base branch' and a 'Merge pull request' button.

The screenshot shows a GitHub pull request page after a successful merge. A purple banner at the top says 'Pull request successfully merged and closed' and 'You're all set—the fix/app-init branch can be safely deleted.' There's a 'Delete branch' button. Below the banner, it says 'Pavlo-Rods merged commit beeab5a into main now'. On the right side, there's a 'Revert' button and a 'Development' section with the text 'Successfully merging this pull request issues.' and 'None yet'. At the bottom, there's a 'Notifications' section with an 'Unsubscribe' button.

# Ejercicio Git

## Apartado 7

```
29 # Initialize SQLAlchemy and Migrate with the app
31 db.init_app(app)
32 migrate.init_app(app, db)
33
```

```
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git checkout -b feature/conflicto
Cambiado a nueva rama 'feature/conflicto'
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git add .
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git commit -m "Feature: Conflicto generado"
[feature/conflicto 20d5186] Feature: Conflicto generado
 1 file changed, 1 insertion(+), 1 deletion(-)
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git push -u origin feature/conflicto
Enumerando objetos: 7, listo.
Contando objetos: 100% (7/7), listo.
Compresión delta usando hasta 16 hilos
Comprimiendo objetos: 100% (4/4), listo.
Escribiendo objetos: 100% (4/4), 494 bytes | 494.00 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.
remote:
remote: Create a pull request for 'feature/conflicto' on GitHub by visiting:
remote:   https://github.com/Pavlo-Rods/EGC-2425/pull/new/feature/conflicto
remote:
To https://github.com/Pavlo-Rods/EGC-2425.git
 * [new branch]   feature/conflicto -> feature/conflicto
rama 'feature/conflicto' configurada para rastrear 'origin/feature/conflicto'.
```

```
31- db.init_app(app) 31+ db.init_app(app, uri=os.getenv('DATABASE_URI'))
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git checkout fix/app-init
Cambiado a rama 'fix/app-init'
Tu rama está actualizada con 'origin/fix/app-init'.
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git add .
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git commit -m "Feat: Conflicto generado"
[fix/app-init e9d6a4e] Feat: Conflicto generado
 1 file changed, 1 insertion(+), 1 deletion(-)
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git push -u origin fix/app-init
Enumerando objetos: 7, listo.
Contando objetos: 100% (7/7), listo.
Compresión delta usando hasta 16 hilos
Comprimiendo objetos: 100% (4/4), listo.
Escribiendo objetos: 100% (4/4), 482 bytes | 482.00 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 https://github.com/Pavlo-Rods/EGC-2425.git
 7bb15d3..e9d6a4e  fix/app-init -> fix/app-init
rama 'fix/app-init' configurada para rastrear 'origin/fix/app-init'.
```


```
31 db.init_app(app, uri=os.getenv('DATABASE_URI'))
32 db.init_app(app, uri=os.getenv('DB_CONNECTION_STRING'))
33 migrate.init_app(app, db)
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
• (venv) practica@pc-12-62:~/Documentos/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.
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git add .
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git commit -m "Fix: Conflicto"
[fix/app-init del3368] Fix: Conflicto
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git merge feature/conflicto
Ya está actualizado.
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git push origin fix/app-init
Enumerando objetos: 10, listo.
Contando objetos: 100% (10/10), listo.
Compresión delta usando hasta 16 hilos
Comprimiendo objetos: 100% (4/4), listo.
Escribiendo objetos: 100% (4/4), 496 bytes | 496.00 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 https://github.com/Pavlo-Rods/EGC-2425.git
 e9d6a4e..del3368  fix/app-init -> fix/app-init
```




# Ejercicio Git

*Apartado 8*

Fix the bug in the view\_dataset card by uncommenting the card section, restoring the dataset view functionality

 brgutierrez committed 2 days ago

678e7dc  

Id : 678e7dc

# Ejercicio Git

## *Apartado 9*

```
(venv) practica@pc-12-62:~/Documentos/EGC-2425$ git checkout main
Cambiado a rama 'main'
Tu rama está actualizada con 'origin/main'.
(venv) practica@pc-12-62:~/Documentos/EGC-2425$ git cherry-pick 678e7dc
Auto-fusionando .moduleignore
CONFLICTO (contenido): Conflicto de fusión en .moduleignore
error: no se pudo aplicar 678e7dc... Fix the bug in the view_dataset card by uncommenting the card section, restoring the dataset view functionality
hint: Luego de resolver los conflictos, máquelos con
hint: "git add/rm <paths>", luego ejecute
hint: "git cherry-pick --continue".
hint: O puede saltar este commit con "git cherry-pick --skip".
hint: Para abortar y regresar al estado anterior a "git cherry-pick",
hint: ejecute "git cherry-pick --abort".
hint: Disable this message with "git config advice.mergeConflict false"
(venv) practica@pc-12-62:~/Documentos/EGC-2425$ git add .
(venv) practica@pc-12-62:~/Documentos/EGC-2425$ git cherry-pick --continue
[main bea89ca] Fix the bug in the view_dataset card by uncommenting the card section, restoring the dataset view functionality
Author: Belen Ramos <brgutierrez@us.es>
Date: Wed Jan 8 09:29:03 2025 +0100
2 files changed, 6 insertions(+), 2 deletions(-)
```

# Ejercicio Git

## *Apartado 10*

```
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git checkout fix/bug-atomic  
Cambiado a rama 'fix/bug-atomic'  
Tu rama está actualizada con 'origin/fix/bug-atomic'.
```

# Ejercicio Git

## Apartado 11

```
pick d46ce49 Initial version ready for local deployment
r c9ff30e cambio 1 (se combinará con 13cd556)
s 13cd556 2º commit relacionado con el primer commit
s 331027f Commit adicional (se combinará con 13cd556)
s f4d1f8f bugfix (cambiar mensaje de commit)
s 1d544e6 Fix bug algo raro (se combinará con f4d1f8f)
r f46b275 Fix más cosas. (reword commit)
pick 1fbb834 Eliminar los archivos .txt creados durante el ejercicio
```

```
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git push -u origin fix/bug-atomic --force
Enumerando objetos: 12, listo.
Contando objetos: 100% (12/12), listo.
Compresión delta usando hasta 16 hilos
Comprimiendo objetos: 100% (5/5), listo.
Escribiendo objetos: 100% (11/11), 1.19 KiB | 1.19 MiB/s, listo.
Total 11 (delta 2), reused 6 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 1 local object.
To https://github.com/Pavlo-Rods/EGC-2425.git
+ 1fbb834...d09553e fix/bug-atomic -> fix/bug-atomic (forced update)
rama 'fix/bug-atomic' configurada para rastrear 'origin/fix/bug-atomic'.
```

```
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git rebase -i 546eea4205ef86c27030f720ac6521d7495c3452
[HEAD desacoplado f193bdc] Solución a un bug en la validación de entradas
Author: Belen Ramos <brgutierrez@us.es>
Date: Wed Jan 8 09:33:18 2025 +0100
1 file changed, 1 insertion(+)
create mode 100644 archivo1.txt
[HEAD desacoplado 58ac430] Solución a un bug en la validación de entradas
Author: Belen Ramos <brgutierrez@us.es>
Date: Wed Jan 8 09:33:18 2025 +0100
5 files changed, 5 insertions(+)
create mode 100644 archivo1.txt
create mode 100644 archivo2.txt
create mode 100644 archivo3.txt
create mode 100644 archivo4.txt
create mode 100644 archivo5.txt
[HEAD desacoplado 269876b] Mejora de la legibilidad en el código y corrección de estilo
Author: Belen Ramos <brgutierrez@us.es>
Date: Wed Jan 8 09:33:19 2025 +0100
1 file changed, 1 insertion(+)
create mode 100644 archivo6.txt
Rebase aplicado satisfactoriamente y actualizado refs/heads/fix/bug-atomic.
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git log
commit d09553e8d08de234b25a1ca406c8d93324124fb8 (HEAD -> fix/bug-atomic)
Author: Belen Ramos <brgutierrez@us.es>
Date: Wed Jan 8 09:33:19 2025 +0100

Eliminar los archivos .txt creados durante el ejercicio

commit 269876bfca0dcfcfb91c83e917f2641fe32914c
Author: Belen Ramos <brgutierrez@us.es>
Date: Wed Jan 8 09:33:19 2025 +0100

Mejora de la legibilidad en el código y corrección de estilo

commit 58ac43027254e1fd6509335fe4722d9bab88da71
Author: Belen Ramos <brgutierrez@us.es>
Date: Wed Jan 8 09:33:18 2025 +0100

Solución a un bug en la validación de entradas

commit d46ce493e6fc90ab9589cc5165610a5317ed946 (origin/test/exam, origin/chore/vagrant, origin/chore/docker)
Author: Belen Ramos <brgutierrez@us.es>
Date: Wed Jan 8 09:24:55 2025 +0100

Initial version ready for local deployment

commit 546eea4205ef86c27030f720ac6521d7495c3452
Author: Belen Ramos <brgutierrez@us.es>
Date: Wed Jan 8 09:16:01 2025 +0100

Initialise base project
(venv) practica@pc-12-62:~/Documentos/EGC-2425$
```

# Ejercicio Git

## *Apartado 12*

```
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git checkout main
Cambiado a rama 'main'
Tu rama está adelantada a 'origin/main' por 1 commit.
  (usa "git push" para publicar tus commits locales)
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git branch feature/parche
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git checkout fix/bug-atomic
Cambiado a rama 'fix/bug-atomic'
Tu rama y 'origin/fix/bug-atomic' han divergido,
y tienen 3 y 7 commits diferentes cada una respectivamente.
  (use "git pull" if you want to integrate the remote branch with yours)
○ (venv) practica@pc-12-62:~/Documentos/EGC-2425$ █
```

# Ejercicio Git

## *Apartado 13*

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git format-patch -o cambios.patch -5 HEAD
cambios.patch/0001-Initial-version-ready-for-local-deployment.patch
cambios.patch/0002-Soluci-n-a-un-bug-en-la-validaci-n-de-entradas.patch
cambios.patch/0003-Mejora-de-la-legibilidad-en-el-c-digo-y-correcci-n-d.patch
cambios.patch/0004-Eliminar-los-archivos-.txt-creados-durante-el-ejercci.patch
cambios.patch/0005-Creaci-n-del-parche.patch
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git add .
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git commit -m "parche"
[fix/bug-atomic 12ba0f2] parche
5 files changed, 190 insertions(+), 1 deletion(-)
create mode 100644 cambios.patch/0001-Initial-version-ready-for-local-deployment.patch
create mode 100644 cambios.patch/0002-Soluci-n-a-un-bug-en-la-validaci-n-de-entradas.patch
create mode 100644 cambios.patch/0003-Mejora-de-la-legibilidad-en-el-c-digo-y-correcci-n-d.patch
rename 0001-Eliminar-los-archivos-.txt-creados-durante-el-ejercci.patch => cambios.patch/0004-Eliminar-los-archivos-.txt-creados-durante-el-ejercci.patch (94%)
create mode 100644 cambios.patch/0005-Creaci-n-del-parche.patch
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git push -u origin fix/bug-atomic
Enumerando objetos: 9, listo.
Contando objetos: 100% (9/9), listo.
Compresi3n delta usando hasta 16 hilos
Comprimiendo objetos: 100% (8/8), listo.
Escribiendo objetos: 100% (8/8), 3.00 KiB | 3.00 MiB/s, listo.
Total 8 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/Pavlo-Rods/EGC-2425.git
78a83cb..12ba0f2 fix/bug-atomic -> fix/bug-atomic
rama 'fix/bug-atomic' configurada para rastrear 'origin/fix/bug-atomic'.
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$
```

# Ejercicio Git

## *Apartado 14*

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git checkout feature/parche
Cambiado a rama 'feature/parche'
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git cherry-pick 12ba0f2
[feature/parche eeff38d] parche
Date: Fri Jan 10 18:35:03 2025 +0100
5 files changed, 190 insertions(+), 1 deletion(-)
create mode 100644 cambios.patch/0001-Initial-version-ready-for-local-deployment.patch
create mode 100644 cambios.patch/0002-Soluci-n-a-un-bug-en-la-validaci-n-de-entradas.patch
create mode 100644 cambios.patch/0003-Mejora-de-la-legibilidad-en-el-c-digo-y-correcci-n-d.patch
rename 0001-Eliminar-los-archivos-.txt-creados-durante-el-ejer-ci.patch => cambios.patch/0004-Eliminar-los-archivos-.txt-creados-durante-el-ejer-ci.patch (94%
create mode 100644 cambios.patch/0005-Creaci-n-del-parche.patch
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$
```

# Ejercicio Git

*Apartado 15*



# Ejercicio GitHub Actions

## *Apartado 1*

```
25
26   - uses: actions/setup-python@v5
27     with:
28       python-version: '3.11'
29
30   - name: Prepare environment
31     run: /
32       sed -i '/rosemary @ file;\\\\\\\\/app/d' requirements.txt
```

# Ejercicio GitHub Actions

## *Apartado 2*

```
name: outdated-dependencies
on:
  push:
    branches: [config/ci]

jobs:
  dependency-scan:
    name: outdated-dependencies
    runs-on: ubuntu-latest

    steps:
      - name: Check out code
        uses: actions/checkout@v4

      - name: Set up Python
        uses: actions/setup-python@v5
        with:
          python-version: '3.12'

      - name: Install dependencies
        run: /
          python -m pip install --upgrade pip
          pip install safety

      - name: Run Safety Check
        run: /
          safety check --full-report
```

# Ejercicio GitHub Actions

## *Apartado 3*

```
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git add .
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git commit -m "workflows"
[config/ci 83116e6] workflows
 2 files changed, 28 insertions(+), 1 deletion(-)
 create mode 100644 .github/workflows/outdated-dependencies.yml
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git push -u origin config/ci
Enumerando objetos: 10, listo.
Contando objetos: 100% (10/10), listo.
Compresión delta usando hasta 16 hilos
Comprimiendo objetos: 100% (5/5), listo.
Escribiendo objetos: 100% (6/6), 709 bytes | 709.00 KiB/s, listo.
Total 6 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://github.com/Pavlo-Rods/EGC-2425.git
 44fe92f..83116e6  config/ci -> config/ci
rama 'config/ci' configurada para rastrear 'origin/config/ci'.
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$
```

2 workflow runs		Event ▾	Status ▾	Branch ▾	Actor ▾
• workflows	Run tests #1: Commit 83116e6 pushed by Pavlo-Rods	<a href="#">config/ci</a>	🕒 1 minute ago 🔄 Queued	...	
	outdated-dependencies #1: Commit 83116e6 pushed by Pavlo-Rods	<a href="#">config/ci</a>	🕒 1 minute ago 🔄 Queued	...	

# Ejercicio GitHub Actions

## *Apartado 4*

```
services:
  mysql-5:
    image: mysql:5.7
    env:
      MYSQL_ROOT_PASSWORD: uvlhub_root_password
      MYSQL_DATABASE: uvlhubdb_test
      MYSQL_USER: uvlhub_user
      MYSQL_PASSWORD: uvlhub_password
    ports:
      - 3306:3306
    options: --health-cmd="mysqladmin ping" --health-interval=10s --health-timeout=5s --health-retries=3

  mysql-8:
    image: mysql:8.0
    env:
      MYSQL_ROOT_PASSWORD: uvlhub_root_password
      MYSQL_DATABASE: uvlhubdb_test
      MYSQL_USER: uvlhub_user
      MYSQL_PASSWORD: uvlhub_password
    ports:
      - 3306:3306
    options: --health-cmd="mysqladmin ping" --health-interval=10s --health-timeout=5s --health-retries=3
```

# Ejercicio GitHub Actions

## *Apartado 5*

```
(venv) practica@pc-12-62:~/Documentos/EGC-2425$ git add .
(venv) practica@pc-12-62:~/Documentos/EGC-2425$ git commit -m "mariadb workflow"
[config/ci d05a17c] mariadb workflow
1 file changed, 2 insertions(+), 2 deletions(-)
(venv) practica@pc-12-62:~/Documentos/EGC-2425$ git push -u origin config/ci
Enumerando objetos: 9, listo.
Contando objetos: 100% (9/9), listo.
Compresión delta usando hasta 16 hilos
Comprimiendo objetos: 100% (4/4), listo.
Escribiendo objetos: 100% (5/5), 462 bytes | 462.00 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 https://github.com/Pavlo-Rods/EGC-2425.git
8a2015a..d05a17c config/ci -> config/ci
rama 'config/ci' configurada para rastrear 'origin/config/ci'.
(venv) practica@pc-12-62:~/Documentos/EGC-2425$
```

### ● mariadb workflow

Run tests #3: Commit [d05a17c](#) pushed by Pavlo-Rods

### ● mariadb workflow

outdated-dependencies #3: Commit [d05a17c](#) pushed by Pavlo-Rods

# Ejercicio GitHub Actions

## *Apartado 6*

```
name: release

on:
  push:
    branches: [config/ci]
    tags:
      - 'v*.*.*'

permissions:
  contents: write

release:
  needs: buildTest
  runs-on: ubuntu-latest
  steps:
    - name: Checkout
      uses: actions/checkout@v3
    - name: Release
      uses: softprops/action-gh-release@v1
```

# Ejercicio GitHub Actions

*Apartado 7*

# Ejercicio Docker

## *Apartado 1*

```
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git checkout chore/docker
rama 'chore/docker' configurada para rastrear 'origin/chore/docker'.
Cambiado a nueva rama 'chore/docker'
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ cp .env.docker.example .env
⊗ (venv) practica@pc-12-62:~/Documentos/EGC-2425$ docker compose -f docker/docker-compose.dev.yml up -d
[+] Running 2/2
! web Warning toomanyrequests: You have reached your pull rate limit. You may increase the limit by authenticating and upgrading: ht
✗ nginx Error toomanyrequests: You have reached your pull rate limit. You may increase the limit by authenticating and upgrading: ht
Error response from daemon: toomanyrequests: You have reached your pull rate limit. You may increase the limit by authenticating and
○ (venv) practica@pc-12-62:~/Documentos/EGC-2425$
```



# Ejercicio Docker

## *Apartado 2*

```
1  FLASK_APP_NAME="UVLHUB.IO(dev)"
2  FLASK_ENV=production
3  DOMAIN=localhost
4  MARIADB_HOSTNAME=db
5  MARIADB_PORT=3306
6  MARIADB_DATABASE=uvlhubdb
7  MARIADB_TEST_DATABASE=uvlhubdb_test
8  MARIADB_USER=uvlhubdb_user
9  MARIADB_PASSWORD=uvlhubdb_password
0  MARIADB_ROOT_PASSWORD=uvlhubdb_root_password
1  WORKING_DIR=/app/
```

# Ejercicio Docker

## *Apartado 3*

```
⊗ (venv) practica@pc-12-62:~/Documentos/EGC-2425$ docker compose -f docker/docker-compose.dev.yml up -d
[+] Running 2/2
! web Warning context canceled
✗ nginx Error toomanyrequests: You have reached your pull rate limit. You may increase the limit by a
Error response from daemon: toomanyrequests: You have reached your pull rate limit. You may increase t
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git add .
⊗ (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git commit -m "docker in production"
En la rama chore/docker
Tu rama está actualizada con 'origin/chore/docker'.

Estás en medio de una sesión am.
(arregla los conflictos y luego ejecuta "git am --continue"
(usa "git am --skip" para saltar este parche)
(usa "git am --abort" para restaurar la rama original)

nada para hacer commit, el árbol de trabajo está limpio
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git push -u origin chore/docker
rama 'chore/docker' configurada para rastrear 'origin/chore/docker'.
Everything up-to-date
```

# Ejercicio Docker

## *Apartado 4*

```

13 Dockerfile.mariadb
14 Dockerfile.prod
15 Dockerfile.render
16 Dockerfile.webhook
17 > letsencrypt
18 > nginx
19 > public
20
21 docker-compose.dev.yml
22 docker-compose.prod.ssl.yml M
23 docker-compose.prod.webhook.yml
24 docker-compose.prod.yml
25
26 > migrations
27 > rosemary
28 > rosemary.egg-info
29 > scripts

volumes:
  - ./entrypoints/production_entrypoint.sh:/app/entrypoint.sh
  - ../scripts:/app/scripts
  - ../migrations:/app/migrations
  - ../uploads:/app/uploads
  - ../.moduleignore:/app/.moduleignore
command: [ "sh", "-c", "sh /app/entrypoint.sh" ]

db:
  container_name: mariadb_container
  env_file:
    - ../.env
  image: mariadb:11.2
  command: --default-authentication-plugin=mysql_native_password
  restart: always
  ports:
    - "3306:3306"
```

# Ejercicio Docker

## *Apartado 5*

```
# Install necessary packages
```

```
RUN apt-get update \
```

```
&& apt-get install -y --no-install-recommends mariadb-client \
```

```
&& apt-get install -y --no-install-recommends gcc libc-dev python3-dev libffi-dev \
```

```
&& apt-get install -y --no-install-recommends curl \
```

```
&& apt-get install -y --no-install-recommends bash \
```

```
&& apt-get install -y --no-install-recommends openrc \
```

```
&& apt-get install -y --no-install-recommends build-essential \
```

```
&& apt-get install -y --no-install-recommends net-tools \
```

```
&& apt-get install -y --no-install-recommends iputils-ping|
```

# Ejercicio Docker

## *Apartado 6*

```
⊗ (venv) practica@pc-12-62:~/Documentos/EGC-2425$ docker compose -f docker/docker-compose.dev.yml up
[+] Running 2/2
✗ nginx Error toomanyrequests: You have reached your pull rate limit. You may increase the limit
! web Warning toomanyrequests: You have reached your pull rate limit. You may increase the limit
Error response from daemon: toomanyrequests: You have reached your pull rate limit. You may increas
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git add .
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git commit -m "docker ejercicios 4 y 5"
[chore/docker 8850df6] docker ejercicios 4 y 5
2 files changed, 4 insertions(+), 2 deletions(-)
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ git push -u origin chore/docker
Enumerando objetos: 11, listo.
Contando objetos: 100% (11/11), listo.
Compresión delta usando hasta 16 hilos
Comprimiendo objetos: 100% (6/6), listo.
Escribiendo objetos: 100% (6/6), 533 bytes | 533.00 KiB/s, listo.
Total 6 (delta 5), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (5/5), completed with 5 local objects.
To https://github.com/Pavlo-Rods/EGC-2425.git
d46ce49..8850df6 chore/docker -> chore/docker
rama 'chore/docker' configurada para rastrear 'origin/chore/docker'.
○ (venv) practica@pc-12-62:~/Documentos/EGC-2425$
```

# Ejercicio Vagrant

## *Apartado 1*

```
71 |     echo "export $line" >> /etc/profile.d/vagrant_env.sh
72 | done < $ENV_FILE
73 | else
74 |     echo "Env file not found: $ENV_FILE"
75 |     exit 1
76 | fi
77 | SHELL
78 |
79 | config.vm.provision "shell", run: "always", inline: <<-SHELL
80 | | echo 'source /etc/profile.d/vagrant_env.sh' >> /home/vagrant/.bashrc
81 | | SHELL
82 |
83 | # Provider configuration
84 | config.vm.provider "virtualbox" do |vb|
85 | | vb.memory = "4096"
86 | | vb.cpus = 6
87 | | end
88 | end
89 |
```

# Ejercicio Vagrant

## *Apartado 2*

```
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ cp .env.vagrant.example .env
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ cd vagrant
• (venv) practica@pc-12-62:~/Documentos/EGC-2425/vagrant$ vagrant up
Loading .env file from: /home/practica/Documentos/EGC-2425/.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
```

```
• (venv) practica@pc-12-62:~/Documentos/EGC-2425/vagrant$ git add .
• (venv) practica@pc-12-62:~/Documentos/EGC-2425/vagrant$ git commit -m "vagrant ejercicio 1"
[chore/vagrant 5656ab8] vagrant ejercicio 1
1 file changed, 2 insertions(+), 2 deletions(-)
• (venv) practica@pc-12-62:~/Documentos/EGC-2425/vagrant$ git push -u origin chore/vagrant
Enumerando objetos: 7, listo.
Contando objetos: 100% (7/7), listo.
Compresión delta usando hasta 16 hilos
Comprimiendo objetos: 100% (4/4), listo.
Escribiendo objetos: 100% (4/4), 378 bytes | 378.00 KiB/s, listo.
Total 4 (delta 3), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (3/3), completed with 3 local objects.
To https://github.com/Pavlo-Rods/EGC-2425.git
d46ce49..5656ab8 chore/vagrant -> chore/vagrant
rama 'chore/vagrant' configurada para rastrear 'origin/chore/vagrant'.
• (venv) practica@pc-12-62:~/Documentos/EGC-2425/vagrant$
```

# Ejercicio Vagrant

## *Apartado 3*

```
tasks:
- name: Add deadsnakes PPA for installing Python 3.12
  apt_repository:
    repo: ppa:deadsnakes/ppa
    state: present
    update_cache: yes

- name: Update the system and install Python 3.12 and dependencies
  apt:
    name:
      - python3.11
      - python3.11-venv
      - mariadb-client
    state: present

- name: Install pip and setuptools for Python 3.12 from source
  shell: /
  wget https://bootstrap.pypa.io/get-pip.py -O /tmp/get-pip.py
  python3.11 /tmp/get-pip.py
  args:
    executable: /bin/bash

- name: Upgrade pip and setuptools for Python 3.12
  shell: /
  python3.11 -m pip install --upgrade pip setuptools
  args:
    executable: /bin/bash

- name: Set up the Python 3.12 virtual environment
  command: python3.11 -m venv {{ working_dir }}/vagrant_venv
  args:
    creates: "{{ working_dir }}/vagrant_venv/bin/activate"

- name: Activate the virtual environment and install dependencies
  shell: /
  source {{ working_dir }}/vagrant_venv/bin/activate
  pip install --upgrade pip
```

```
FLASK_APP_NAME= uvhub.10(dev)
FLASK_ENV=production
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/
```



# Ejercicio Vagrant

## *Apartado 4*

```
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ cp .env.vagrant.example .env
• (venv) practica@pc-12-62:~/Documentos/EGC-2425$ cd vagrant
• (venv) practica@pc-12-62:~/Documentos/EGC-2425/vagrant$ vagrant up
Loading .env file from: /home/practica/Documentos/EGC-2425/.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
```

```
• (venv) practica@pc-12-62:~/Documentos/EGC-2425/vagrant$ git add .
• (venv) practica@pc-12-62:~/Documentos/EGC-2425/vagrant$ git commit -m "vagrant ejercicio 3"
[chore/vagrant 4644d9c] vagrant ejercicio 3
1 file changed, 5 insertions(+), 5 deletions(-)
• (venv) practica@pc-12-62:~/Documentos/EGC-2425/vagrant$ git push -u origin chore/vagrant
Enumerando objetos: 7, listo.
Contando objetos: 100% (7/7), listo.
Compresión delta usando hasta 16 hilos
Comprimiendo objetos: 100% (4/4), listo.
Escribiendo objetos: 100% (4/4), 381 bytes | 381.00 KiB/s, listo.
Total 4 (delta 3), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (3/3), completed with 3 local objects.
To https://github.com/Pavlo-Rods/EGC-2425.git
5656ab8..4644d9c chore/vagrant -> chore/vagrant
rama 'chore/vagrant' configurada para rastrear 'origin/chore/vagrant'.
• (venv) practica@pc-12-62:~/Documentos/EGC-2425/vagrant$
```