

Intensificación Colaborativa

Nombre: Eduardo

Apellidos: Pizarro López

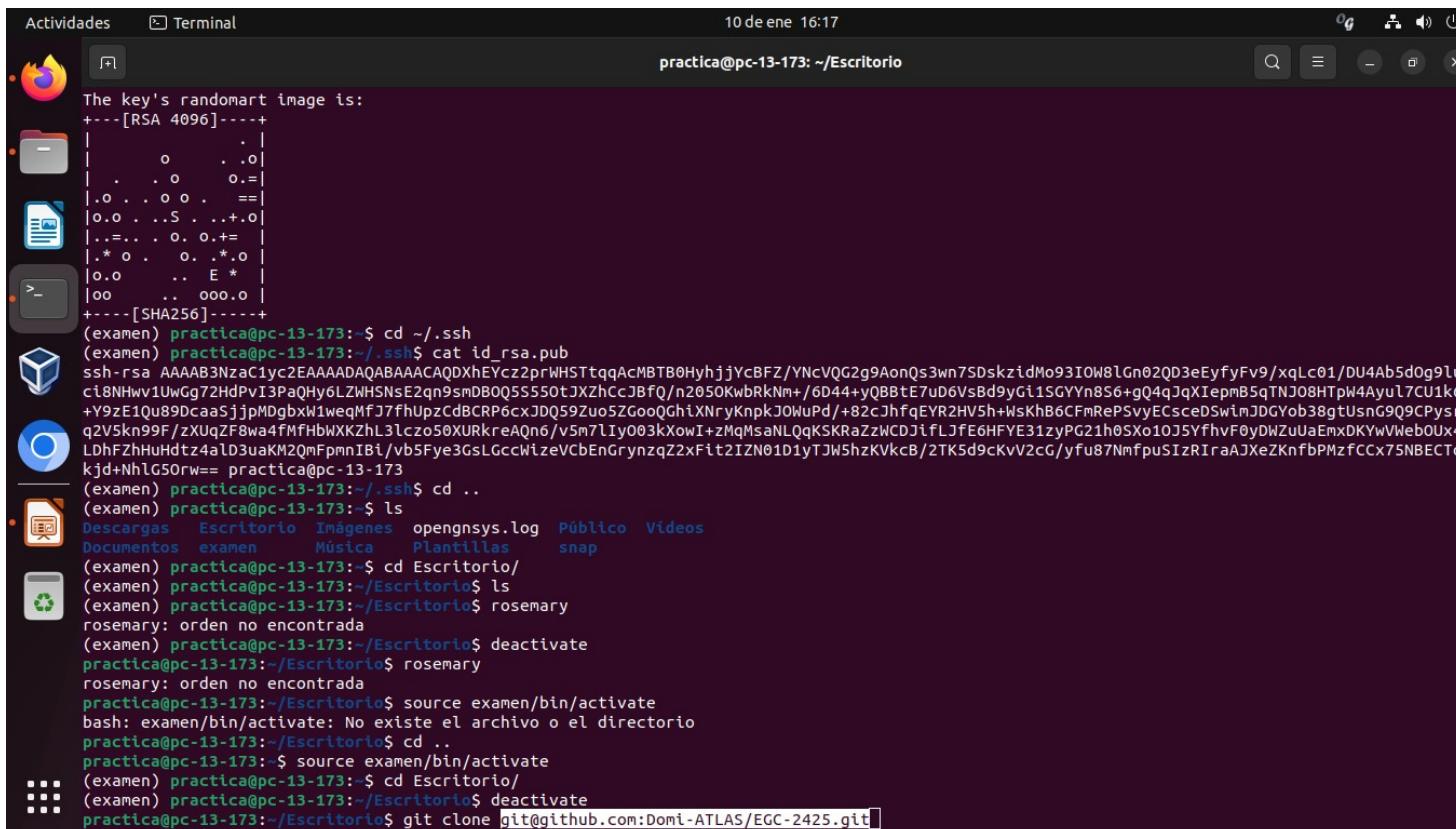
UVUS: edupizlop

Enlace al repositorio de GitHub:

<https://github.com/Domi-ATLAS/EGC-2425>

Ejercicio Git

Apartado 1



The key's randomart image is:

```
+---[RSA 4096]----+
|               . |
|               o   .o|
|       .   o     o.=|
|.o .   . o o .   ==|
|o.o .   .S .+.o|
|.=... . o. o.+= |
|.* o   . o. *o |
|o.o   .   E *   |
|oo   ..   0oo.0 |
+-----[SHA256]-----+
```

(examen) practica@pc-13-173:~\$ cd ~/.ssh
(examen) practica@pc-13-173:~/ssh\$ cat id_rsa.pub

```
ssh-rsa AAAQAB3NzaC1yc2EAAAQABAAQACQDXhEYcz2prWHSTtqqAcMBTB0HyhjjYcBFZ/YNCvQG2g9Aonjs3wn7SdszidMo93I0w8lGn62QD3eEfyfVv9/xqlc01/DU4Ab5d0g9lu
ci8NHw1Uwg72HdPvI3PaQHy6LZHHSNsE2qn9smDB055550tJXzhCc3Bf0/n2050KwbRkNm+/6d44+yQBbtE7uD6VsBd9yGi15GYyN856+gQ4qjQXiepnB5qTNJ08HTpW4Ayu17CU1k6
+Y9zE1Qu89DcaaSjjpMDgbxW1weqMfJ7fhUpzCdBCRP6cxJDQ59zu05ZGooQGhiXNrYKnpkJOwUpd/+82cJhfqEYR2HVSh+WsKhB6CFmRePSvyECscE$SwimJDGYob38gtUsnG9Q9CPysr
q2v5kn99F/zuUqZBwa4fMfhbWKZhL3lczo50XURkreAQN6/v5m7Iiy003KxowI+zMqMsNLQqKSkrzzWCdjflJfE6HFYE31zyPG21h0Sx01035YfhvFoyDWZuUaEmxDKywVWebOUx4
LDhFZhHuHdtz4alD3uaKM2QmFpmnIBi/vb5Fye3GsLGccWizeVCbEnGrynzqZ2xFit2IZN01D1yTJW5hzKVkcB/2TK5d9cKVV2cG/yfu87NmfpusIzRIRaAJxeZKnfbPMzfCCx75NBECTq
kjdnhlG50rw==
```

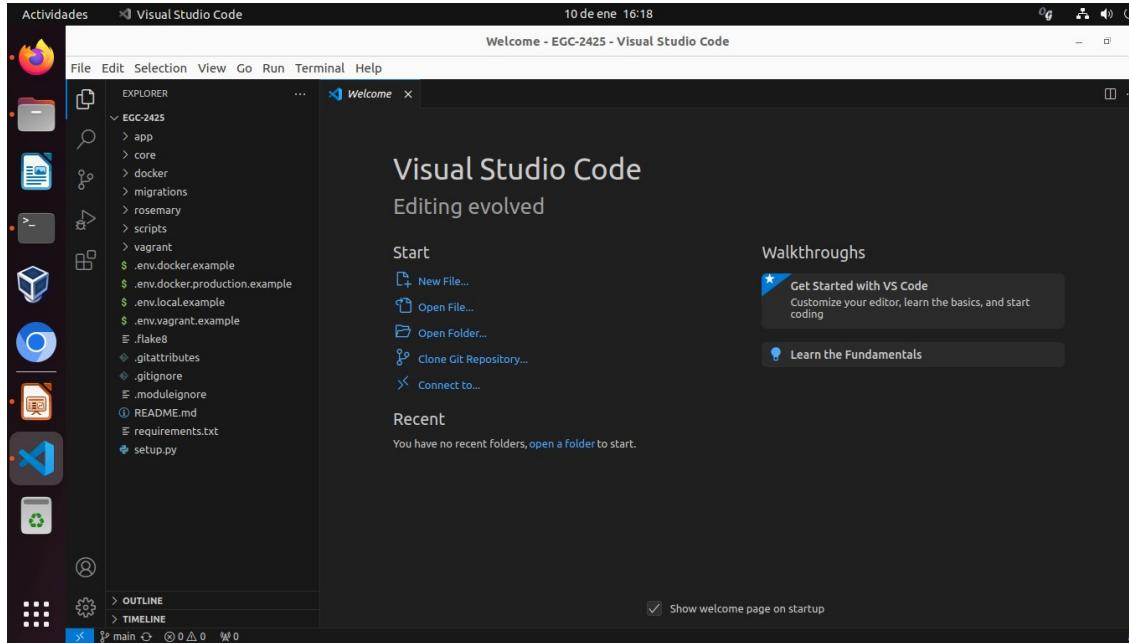
(examen) practica@pc-13-173:~/ssh\$ cd ..
(examen) practica@pc-13-173:~\$ ls

```
Descargas Escritorio Imágenes opengensys.log Pública Videos
Documentos examen Música Plantillas snap
```

(examen) practica@pc-13-173:~\$ cd Escritorio/
(examen) practica@pc-13-173:~/Escritorio\$ ls
(examen) practica@pc-13-173:~/Escritorio\$ rosemery
rosemery: orden no encontrada
(examen) practica@pc-13-173:~/Escritorio\$ deactivate
practica@pc-13-173:~/Escritorio\$ rosemery
rosemery: orden no encontrada
practica@pc-13-173:~/Escritorio\$ source examen/bin/activate
bash: examen/bin/activate: No existe el archivo o el directorio
practica@pc-13-173:~/Escritorio\$ cd ..
practica@pc-13-173:~\$ source examen/bin/activate
(examen) practica@pc-13-173:~\$ cd Escritorio/
(examen) practica@pc-13-173:~/Escritorio\$ deactivate
practica@pc-13-173:~/Escritorio\$ git clone git@github.com:Domi-ATLAS/EGC-2425.git

Ejercicio Git

Apartado 2



Actividades Firefox 10 de ene 16:22

Archivo Editar Ver Histórial Marcadores Herramientas Ayuda

Home - EGGETSII/EGC × Instrucciones - EGCE × Intensificación Colab × Domi-ATLAS/EGC-24 × Manual installation | × UVLHUB.IO(dev) - Re ×

127.0.0.1:5000

Search datasets... Login Sign up

uvlhub.io

Datasets

- Home
- Explore
- Team

Let's get started!

- Login
- Sign Up

Latest datasets

Sample dataset 4

January 10, 2025 at 03:22 PM

Description for dataset 4

Author 4 (Affiliation 4) (0000-0000-0000-0003)

<http://localhost:5000/doi/10.1234/dataset4>

tag1 tag2

[View dataset](#) [Download \(1.21 KB\)](#)

Data Management Plan

Sample dataset 3

January 10, 2025 at 03:22 PM

Description for dataset 3

Author 3 (Affiliation 3) (0000-0000-0000-0002)

Data Management Plan

Hub statistics

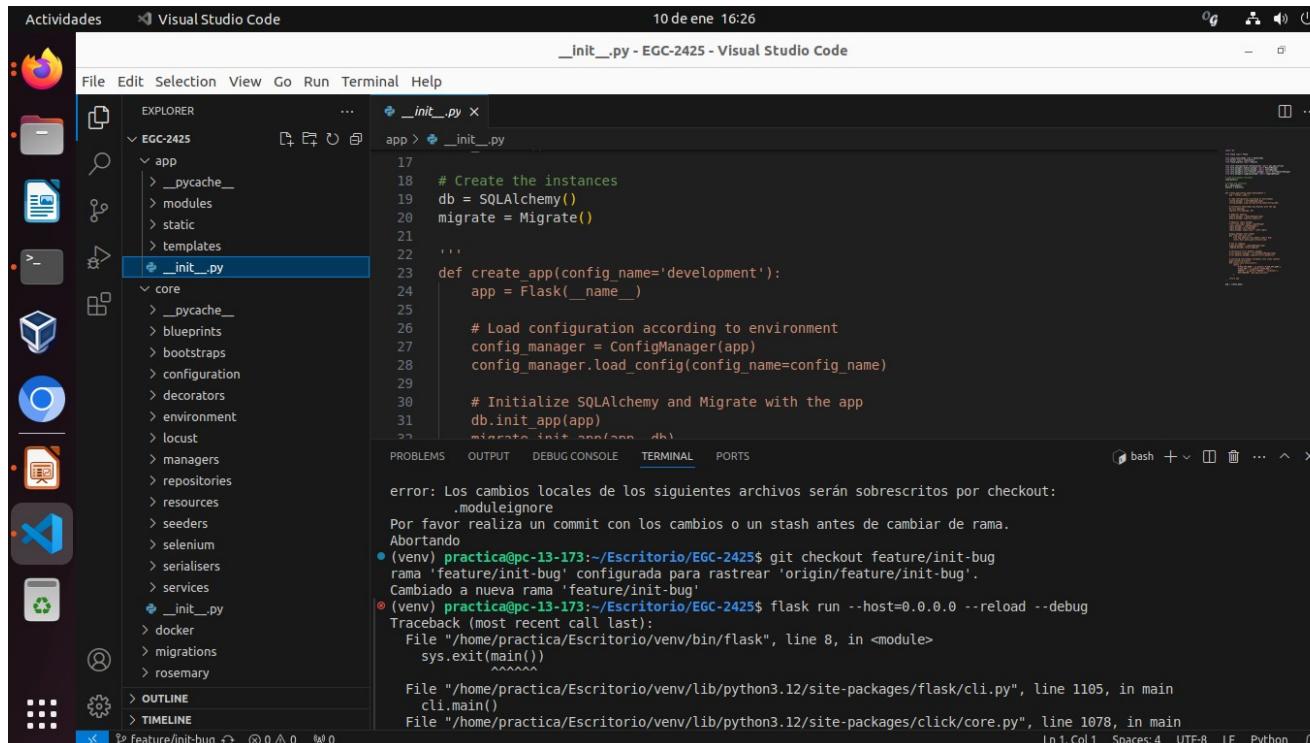
- 4 datasets
- 12 feature models
- 0 datasets viewed
- 0 feature models viewed
- 0 datasets downloaded
- 0 feature models downloaded

Related publication

David Romero-Organízvez, José A. Galindo, Chico Sundermann, José-Miguel Horcas, David Benavides.

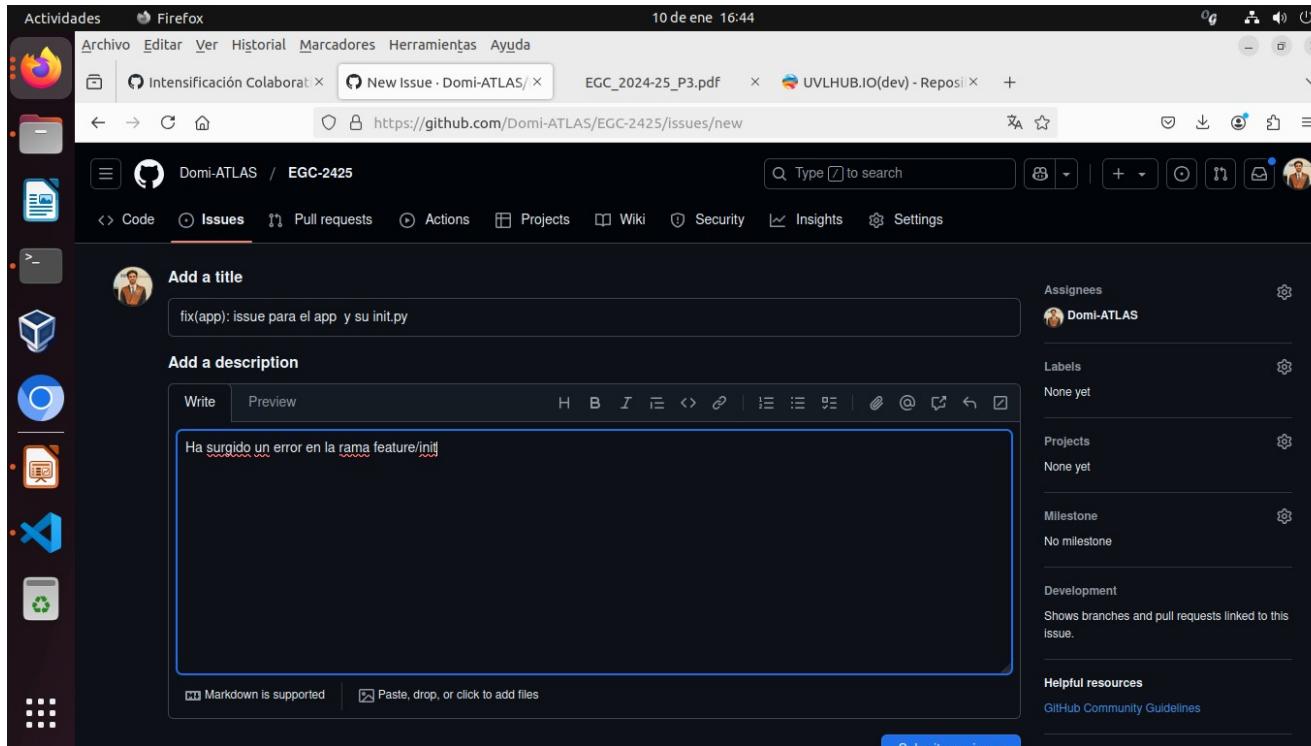
Ejercicio Git

Apartado 3



Ejercicio Git

Apartado 4



Ejercicio Git

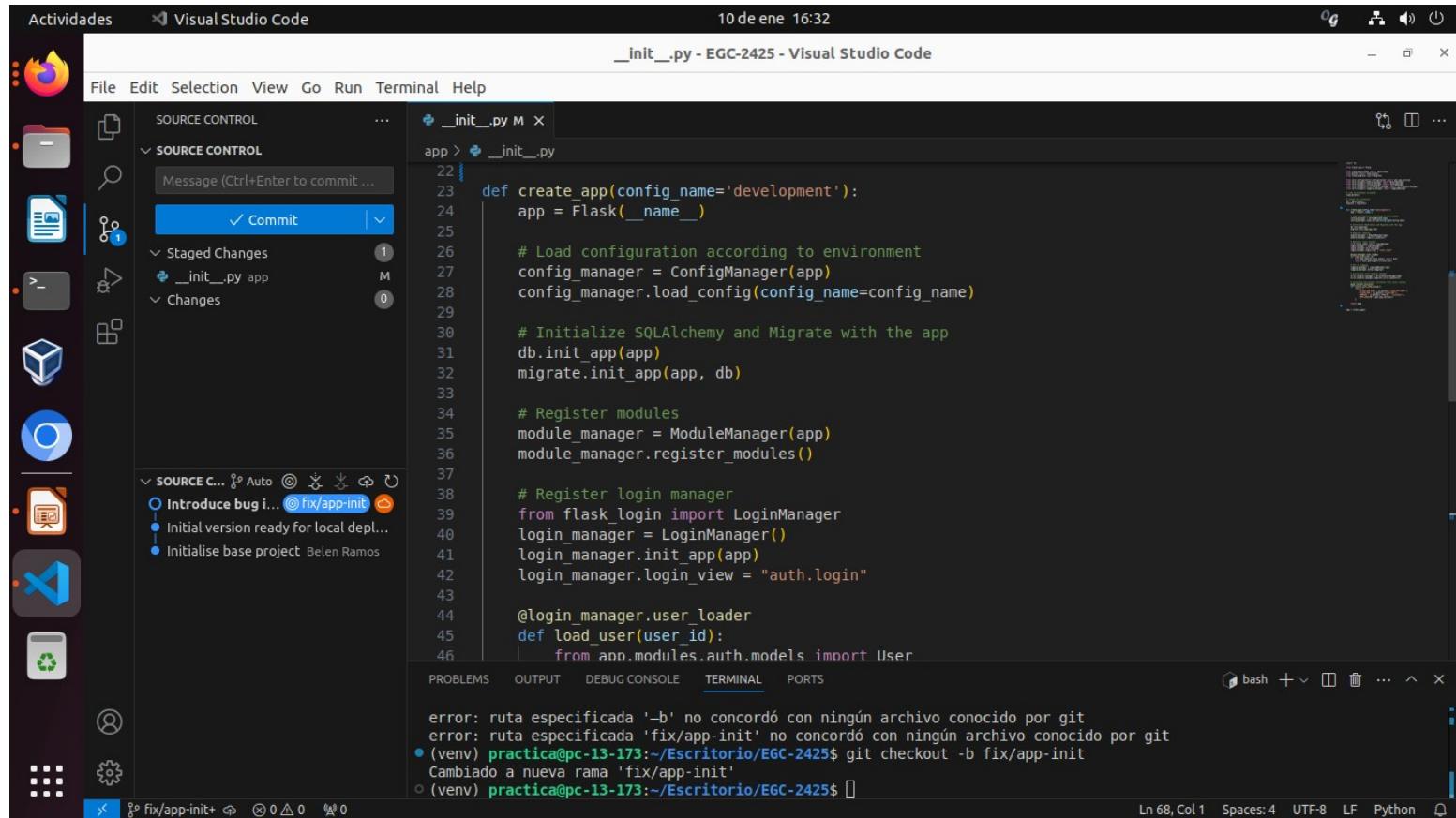
Apartado 5

The screenshot shows a Visual Studio Code interface with the following details:

- Title Bar:** Actividades, Visual Studio Code, 10 de ene 16:31.
- File Explorer:** Shows a folder structure with icons for files and folders.
- Source Control:** A sidebar with a message: "Message (Ctrl+Enter to commit...)" and a "Publish Branch" button.
- Code Editor:** Displays a Python file named `__init__.py` with the following content:

```
17
18     # Create the instances
19     db = SQLAlchemy()
20     migrate = Migrate()
21
22     ...
23
24     def create_app(config_name='development'):
25         app = Flask(__name__)
26
27         # Load configuration according to environment
28         config_manager = ConfigManager(app)
29         config_manager.load_config(config_name=config_name)
30
31         # Initialize SQLAlchemy and Migrate with the app
32         db.init_app(app)
33         migrate.init_app(app, db)
```
- Terminal:** Shows a command-line session in a terminal tab labeled "bash".

```
127.0.0.1 - - [10/Jan/2025 16:26:53] "GET /public/scripts.js HTTP/1.1" 200 -
127.0.0.1 - - [10/Jan/2025 16:26:53] "GET /static/js/app.js HTTP/1.1" 304 -
127.0.0.1 - - [10/Jan/2025 16:26:53] "GET /static/css/app.css HTTP/1.1" 304 -
127.0.0.1 - - [10/Jan/2025 16:26:53] "GET /static/css/dropzone.css HTTP/1.1" 304 -
127.0.0.1 - - [10/Jan/2025 16:26:53] "GET /static/css/own.css HTTP/1.1" 304 -
127.0.0.1 - - [10/Jan/2025 16:26:53] "GET /static/img/logos/logo-dark.svg HTTP/1.1" 304 -
④ ^C(practica@pc-13-173:~/Escritorio/EGC-2425$ git checkout -b fix/app-init
error: ruta especificada '-b' no concordó con ningún archivo conocido por git
error: ruta especificada 'fix/app-init' no concordó con ningún archivo conocido por git
④ (venv) practica@pc-13-173:~/Escritorio/EGC-2425$ git checkout -b fix/app-init
error: ruta especificada '-b' no concordó con ningún archivo conocido por git
error: ruta especificada 'fix/app-init' no concordó con ningún archivo conocido por git
④ (venv) practica@pc-13-173:~/Escritorio/EGC-2425$ git checkout -b fix/app-init
Cambiado a nueva rama 'fix/app-init'
④ (venv) practica@pc-13-173:~/Escritorio/EGC-2425$
```
- Bottom Status Bar:** Ln 69, Col 1, Spaces: 4, UTF-8, LF, Python.



Actividades Visual Studio Code 10 de ene 16:33

init.py - EGC-2425 - Visual Studio Code

SOURCE CONTROL

Message (Ctrl+Enter to commit ...)

✓ Commit

Staged Changes

Changes

Introduce bug i... @fix/app-init

Initial version ready for local dep...

Initialise base project Belen Ramos

```
22 def create_app(config_name='development'):
23     app = Flask(__name__)
24
25     # Load configuration according to environment
26     config_manager = ConfigManager(app)
27     config_manager.load_config(config_name=config_name)
28
29     # Initialize SQLAlchemy and Migrate with the app
30     db.init_app(app)
31     migrate.init_app(app, db)
32
33     # Register modules
34     module_manager = ModuleManager(app)
35     module_manager.register_modules()
36
37     # Register login manager
38     from flask_login import LoginManager
39     login_manager = LoginManager()
40     login_manager.init_app(app)
41     login_manager.login_view = "auth.login"
42
43     @login_manager.user_loader
44     def load_user(user_id):
45         from app.modules.auth.models import User
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

error: ruta especificada 'fix/app-init' no concordó con ningún archivo conocido por git

(venv) practica@pc-13-173:~/Escritorio/EGC-2425\$ git checkout -b fix/app-init

Cambiado a una nueva rama 'fix/app-init'

(venv) practica@pc-13-173:~/Escritorio/EGC-2425\$ git commit -m "descomentada la linea que daba error en el init.py del app" -m "Unas lineas de comentacion generaba que la aplicacion no podia desplegarse correctamente"

Ln 68, Col 1 Spaces: 4 UTF-8 LF Python

Actividades Visual Studio Code 10 de ene 16:34

File Edit Selection View Go Run Terminal Help

SOURCE CONTROL

Message (Ctrl+Enter to commit ...)

✓ Commit

__init__.py

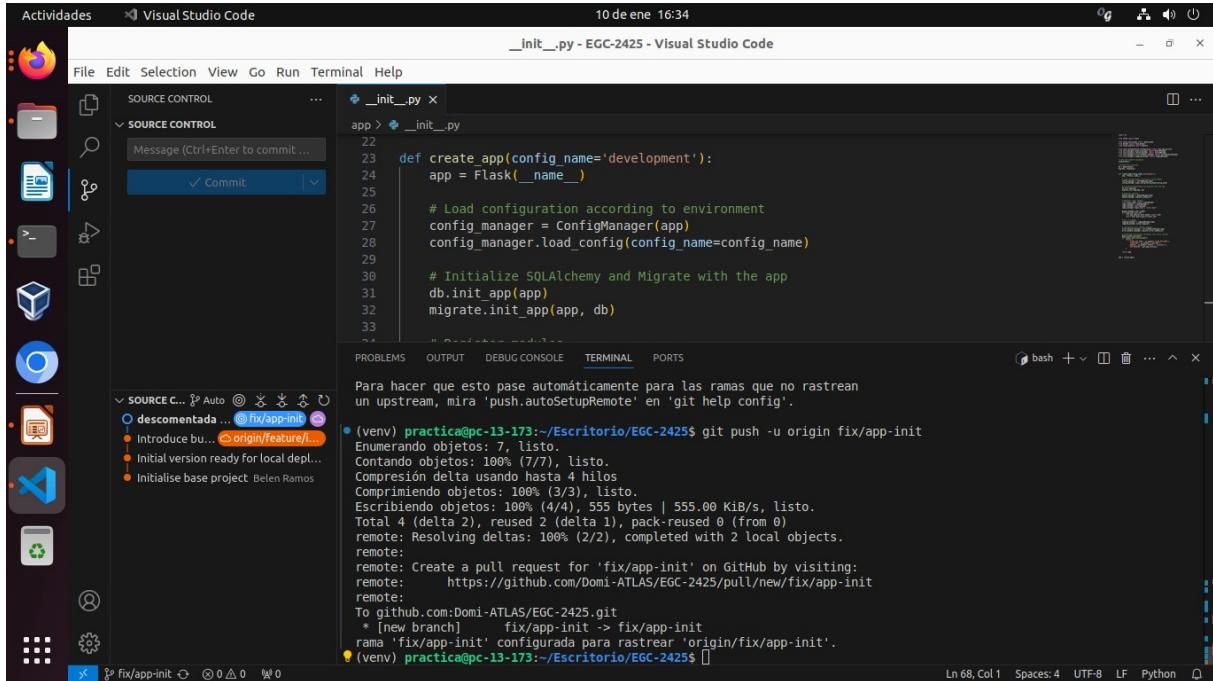
```
app > __init__.py
22
23     def create_app(config_name='development'):
24         app = Flask(__name__)
25
26         # Load configuration according to environment
27         config_manager = ConfigManager(app)
28         config_manager.load_config(config_name)
29
30         # Initialize SQLAlchemy and Migrate with the app
31         db.init_app(app)
32         migrate.init_app(app, db)
33
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

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

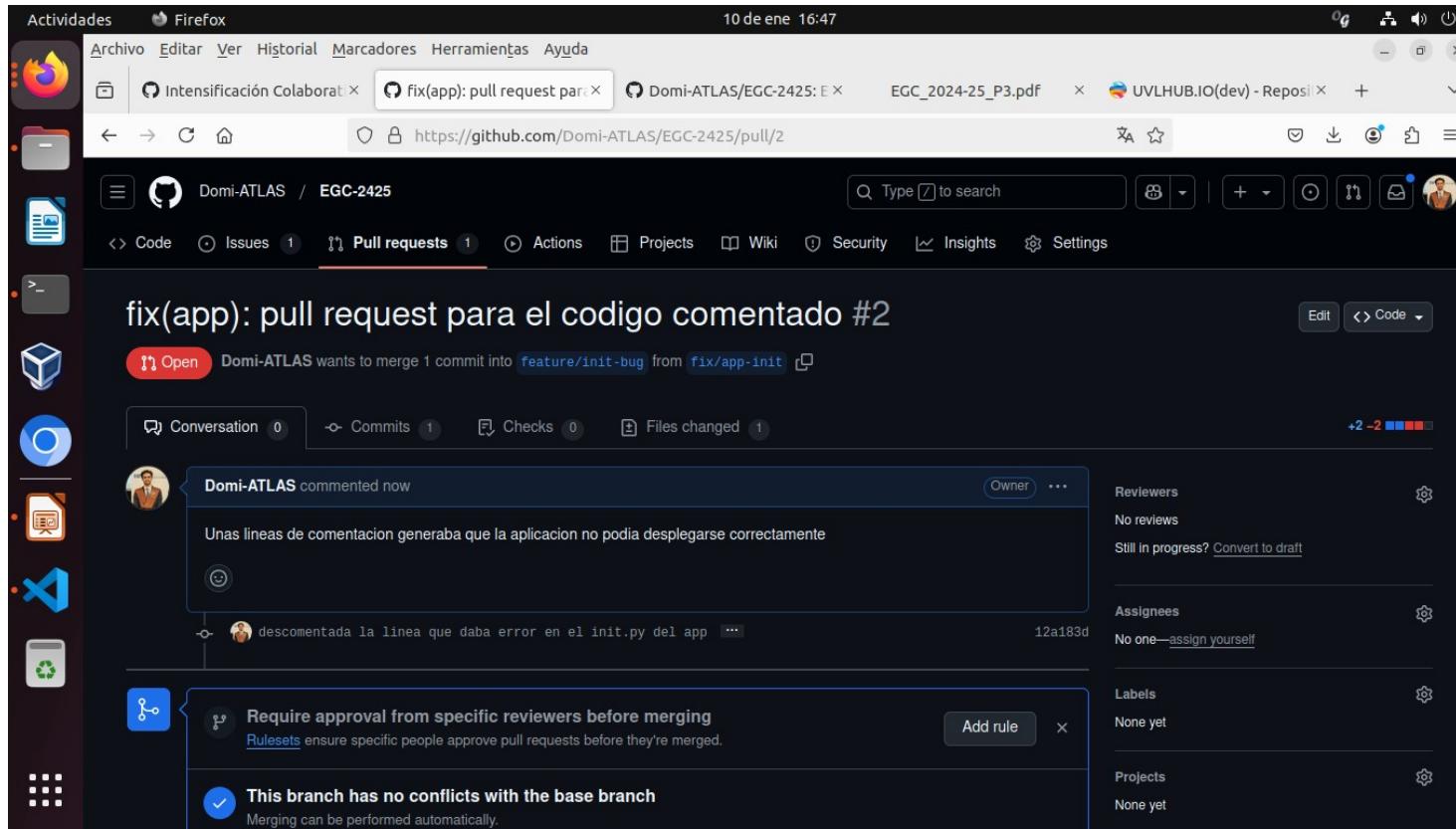
```
(venv) practica@pc-13-173:~/Escritorio/EGC-2425$ git push -u origin fix/app-init
Contando objetos: 100% (7/7), listo.
Comprimiendo deltas usando hasta 4 hilos.
Comprimiendo objetos: 100% (3/3), listo.
Escribiendo objetos: 100% (4/4), 555 bytes | 555.00 KiB/s, listo.
Total 4 (delta 2), reused 2 (delta 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/Domi-ATLAS/EGC-2425/pull/new/fix/app-init
remote:
To github.com:Domi-ATLAS/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-13-173:~/Escritorio/EGC-2425$
```

Ln 68, Col 1 Spaces: 4 UTF-8 LF Python



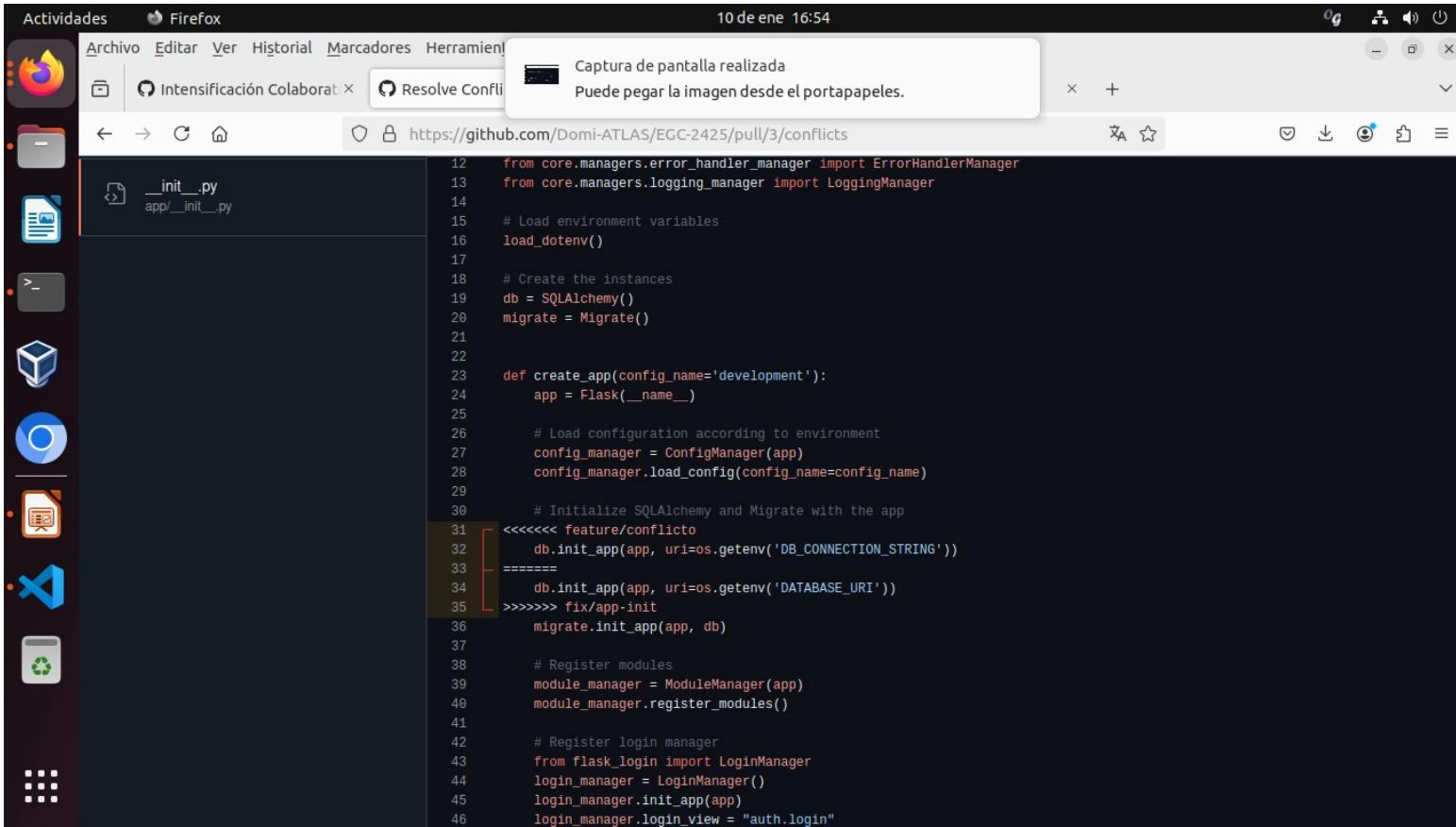
Ejercicio Git

Apartado 6



Ejercicio Git

Apartado 7



The screenshot shows a Linux desktop environment with a terminal window open in a browser tab. The terminal window displays a GitHub pull request diff for a file named `app/__init__.py`. The diff highlights code changes between two branches: `feature/conflicts` and `fix/app-init`. The code in the diff includes imports for `ErrorHandlerManager` and `LoggingManager`, environment variable loading, database configuration, and application initialization logic involving `Flask`, `ConfigManager`, and `Migrate`.

```
12     from core.managers.error_handler_manager import ErrorHandlerManager
13     from core.managers.logging_manager import LoggingManager
14
15     # Load environment variables
16     load_dotenv()
17
18     # Create the instances
19     db = SQLAlchemy()
20     migrate = Migrate()
21
22
23     def create_app(config_name='development'):
24         app = Flask(__name__)
25
26         # Load configuration according to environment
27         config_manager = ConfigManager(app)
28         config_manager.load_config(config_name=config_name)
29
30         # Initialize SQLAlchemy and Migrate with the app
31         <<<feature/conflicts>>>
32             db.init_app(app, uri=os.getenv('DB_CONNECTION_STRING'))
33         =====
34             db.init_app(app, uri=os.getenv('DATABASE_URI'))
35         >>>>fix/app-init
36             migrate.init_app(app, db)
37
38         # Register modules
39         module_manager = ModuleManager(app)
40         module_manager.register_modules()
41
42         # Register login manager
43         from flask_login import LoginManager
44         login_manager = LoginManager()
45         login_manager.init_app(app)
46         login_manager.LoginView = "auth.login"
```

Actividades Firefox 10 de ene 16:55

Archivo Editar Ver Historial Marcadores Herramientas Ayuda

Intensificación Colaborati × feat(app): cambios a post × Domi-ATLAS/EGC-2425: E × EGC_2024-25_P3.pdf × +

feat(app): cambios a posta mal pull request #3

Domi-ATLAS wants to merge 1 commit into fix/app-init from feature/conflicto

feat(app): cambios a posta mal pull request

Domi-ATLAS self-assigned this 1 minute ago

Merge pull request #3 from Domi-ATLAS/feature/conflicto

This commit will be authored by 87647202+Domi-ATLAS@users.noreply.github.com

Confirm merge Cancel

Try the new merge experience

Add a comment

Write Preview

Add your comment here...

Markdown is supported Paste, drop, or click to add files

Labels None yet

Projects None yet

Milestone No milestone

Development Successfully merging this pull request may close these issues.

None yet

Notifications Customize Unsubscribe

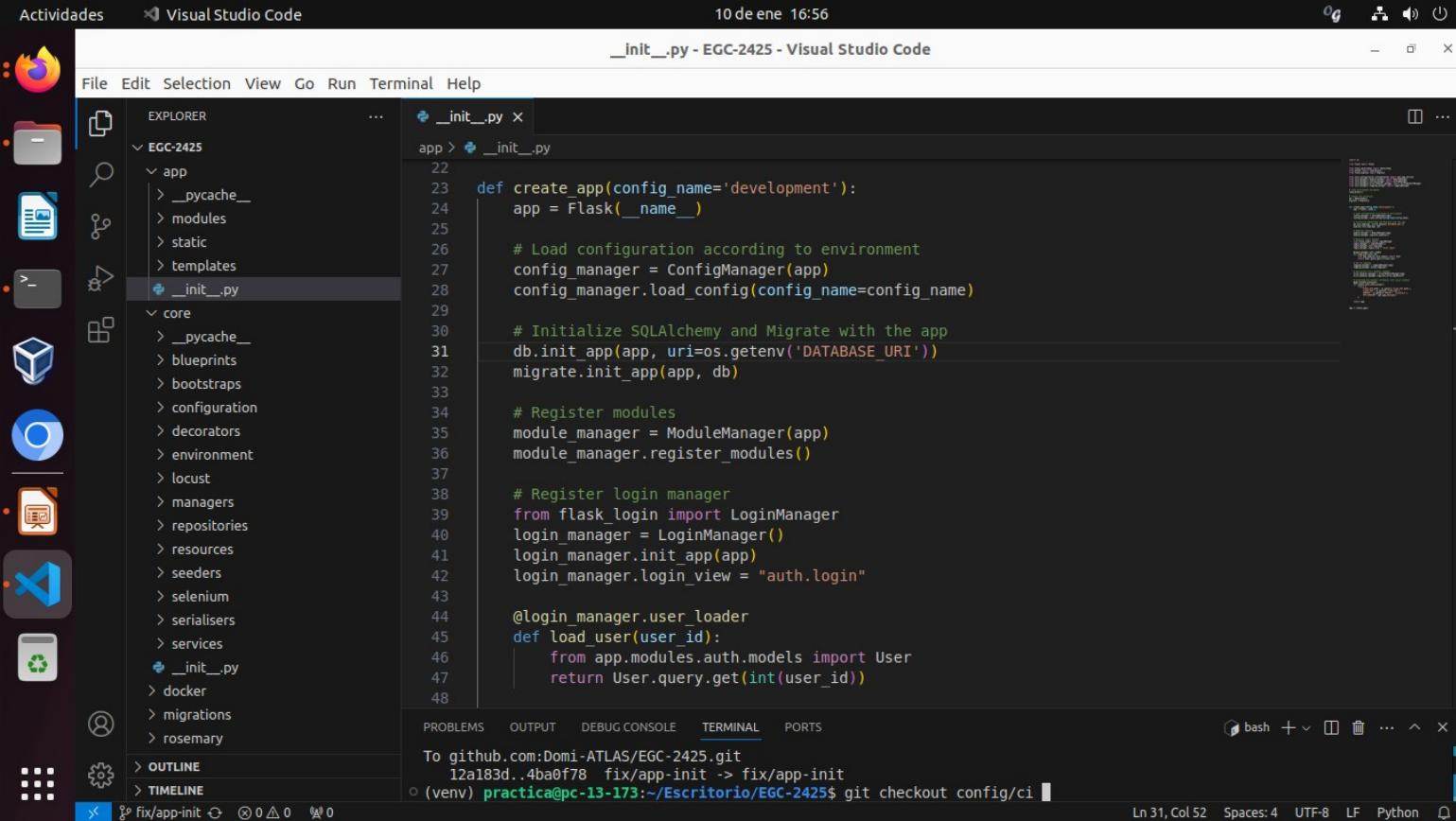
You're receiving notifications because you were assigned.

1 participant

A screenshot of a GitHub pull request merge dialog in a Firefox browser window. The dialog is titled 'feat(app): cambios a posta mal pull request #3' and shows a merge from 'fix/app-init' into 'feature/conflicto'. It includes a message from 'Domi-ATLAS' self-assigned the pull request. Below the message is a summary of the merge: 'Merge pull request #3 from Domi-ATLAS/feature/conflicto'. A note states that the commit will be authored by 87647202+Domi-ATLAS@users.noreply.github.com. At the bottom of the dialog are 'Confirm merge' and 'Cancel' buttons. To the right of the dialog are sections for Labels (None yet), Projects (None yet), Milestone (No milestone), Development (Successfully merging this pull request may close these issues. None yet), Notifications (Customize, Unsubscribe), and 1 participant (Domi-ATLAS). The Firefox interface shows other tabs like 'Intensificación Colaborati' and 'Domi-ATLAS/EGC-2425: E' and a sidebar with various icons.

Ejercicio GitHub Actions

Apartado 1



The screenshot shows a Visual Studio Code interface with the following details:

- Title Bar:** Actividades, Visual Studio Code, 10 de ene 16:56.
- File Explorer:** Shows a project structure for "EGC-2425" containing "app", "core", "configuration", "decorators", "environment", "locust", "managers", "repositories", "resources", "seeders", "selenium", "serialisers", "services", and "rosemary". The file "app/_init_.py" is currently selected.
- Code Editor:** Displays the content of "app/_init_.py". The code initializes a Flask application, loads configuration based on environment, initializes SQLAlchemy, registers modules, and sets up a login manager.

```
22
23 def create_app(config_name='development'):
24     app = Flask(__name__)
25
26     # Load configuration according to environment
27     config_manager = ConfigManager(app)
28     config_manager.load_config(config_name=config_name)
29
30     # Initialize SQLAlchemy and Migrate with the app
31     db.init_app(app, uri=os.getenv('DATABASE_URI'))
32     migrate.init_app(app, db)
33
34     # Register modules
35     module_manager = ModuleManager(app)
36     module_manager.register_modules()
37
38     # Register login manager
39     from flask_login import LoginManager
40     login_manager = LoginManager()
41     login_manager.init_app(app)
42     login_manager.login_view = "auth.login"
43
44     @login_manager.user_loader
45     def load_user(user_id):
46         from app.modules.auth.models import User
47         return User.query.get(int(user_id))
```

- Terminal:** Shows a command-line session in a terminal tab titled "bash" with the command "git checkout config/ci".
- Status Bar:** Includes file navigation icons, status "Ln 31, Col 52", and encoding information "Spaces: 4, UTF-8, LF, Python".

Actividades Visual Studio Code 10 de ene 16:56

Captura de pantalla realizada
Puede pegar la imagen desde el portapapeles.

The screenshot shows the Visual Studio Code interface. On the left is the Explorer sidebar with a tree view of a project named 'EGC-2425'. The 'app' folder contains subfolders like '.github', '_pycache__', 'modules', 'static', 'templates', and '_init_.py'. The '_init_.py' file is selected in the Explorer. The main editor area displays Python code for initializing an Flask application, loading configuration, initializing SQLAlchemy, and registering modules. Below the editor are tabs for PROBLEMS, OUTPUT, DEBUG CONSOLE, TERMINAL, and PORTS. The TERMINAL tab is active, showing a sequence of git commands for cloning a repository and switching branches. The status bar at the bottom indicates the code is in Python mode, with line 32, column 1, and other file statistics.

```
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)
    migrate.init_app(app, db)

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

    # Register login manager
    from flask_login import LoginManager
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
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), 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 github.com:Domi-ATLAS/EGC-2425.git
  12a183d..4ba0f78 fix/app-init -> fix/app-init
● (venv) practica@pc-13-173:~/Escritorio/EGC-2425$ git checkout config/ci
rama 'config/ci' configurada para rastrear 'origin/config/ci'.
Cambiado a una nueva rama 'config/ci'.
● (venv) practica@pc-13-173:~/Escritorio/EGC-2425$
```

Ln 32, Col 1 Spaces: 4 UTF-8 LF Python

Ejercicio GitHub Actions

Apartado 2

The screenshot shows a Visual Studio Code interface with the following details:

- Title Bar:** Actividades, Visual Studio Code, 10 de ene 17:00, ejercicio_ci.yml - EGC-2425 - Visual Studio Code.
- SIDE BAR:** Shows various icons for file operations like Open, Save, Find, and Source Control.
- MAIN AREA:** A code editor displaying the contents of `ejercicio_ci.yml`. The file defines a GitHub Action workflow with jobs for outdated dependencies and pytest, and a service for MySQL.

```
jobs:
  outdated_dependencies:
    - name: Check for outdated dependencies
      run:
        - pip list --outdated
  pytest:
    runs-on: ubuntu-latest
  services:
    mysql:
      image: mysql:5.7
      env:
        MYSQL_ROOT_PASSWORD: uvlhub_root_password
        MYSQL_DATABASE: uvlhubdb_test
        MYSQL_USER: uvlhub_user
        MYSQL_PASSWORD: uvlhub_password
      ports:
```

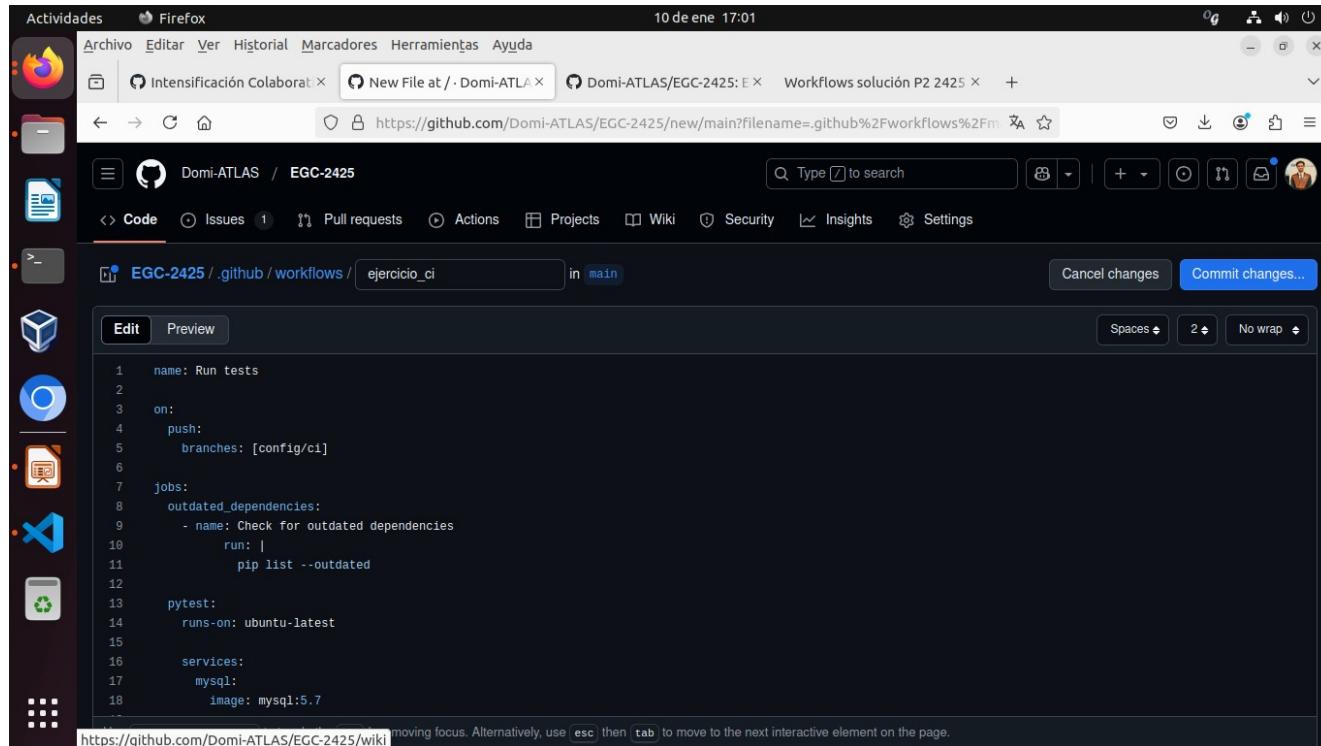
- TERMINAL TAB:** Shows the command-line output of a git commit and a git checkout operation.

```
Enumerando objetos: 7, listo.
Contando objetos: 100% (7/7), listo.
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 github.com:Domi-ATLAS/EGC-2425.git
  12a183d..4ba0f78 fix/app-init -> fix/app-init
* [new branch]  practica@pc-13-173:~/Escritorio/EGC-2425$ git checkout config/ci
Rama 'config/ci' configurada para rastrear 'origin/config/ci'.
Cambiado a una nueva rama 'config/ci'.
* [new branch]  practica@pc-13-173:~/Escritorio/EGC-2425$
```

- STATUS BAR:** Ln 10, Col 16, Spaces: 2, UTF-8, LF, YAML.

Ejercicio GitHub Actions

Apartado 3



```
name: Run tests
on:
  push:
    branches: [config/ci]
jobs:
  outdated_dependencies:
    name: Check for outdated dependencies
    run:
      pip list --outdated
  pytest:
    runs-on: ubuntu-latest
services:
  mysql:
    image: mysql:5.7
```

Ejercicio Pruebas

Apartado 1

The screenshot shows a Visual Studio Code interface with the following details:

- Title Bar:** Actividades Visual Studio Code 10 de ene 17:05
- File Menu:** File Edit Selection View Go Run Terminal Help
- Explorer:** Shows a project structure named "EGC-2425" containing "app", "core", "docker", "migrations", "rosemary", ".env", and several ".env.docker.*" files.
- Code Editor:** The file "app > __init__.py" is open, displaying Python code for creating an Flask application and initializing SQLAlchemy.
- Terminal:** Shows a series of git commands being run in a virtual environment (practica@pc-13-173). The commands include committing changes, pushing to a remote repository, and checking out a new branch named "test/exam".
- Status Bar:** Ln 32, Col 1 Spaces: 4 UTF-8 LF Python

Actividades Visual Studio Code 10 de ene 17:15

init.py - EGC-2425 - Visual Studio Code

File Edit Selection View Go Run Terminal Help

EXPLORER ... _init_.py

app > _init_.py

```
22
23 def create_app(config_name='development'):
24     app = Flask(__name__)
25
26     # Load configuration according to environment
27     config_manager = ConfigManager(app)
28     config_manager.load_config(config_name=config_name)
29
30     # Initialize SQLAlchemy and Migrate with the app
31     db.init_app(app)
32     migrate.init_app(app, db)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

(venv) practica@pc-13-173:~/Escritorio/EGC-2425/app/modules/auth\$ ls
assets __init__.py __pycache__ routes.py services.py tests
forms.py models.py repositories.py seeders.py templates
(venv) practica@pc-13-173:~/Escritorio/EGC-2425/app/modules/auth\$ cd tests/
(venv) practica@pc-13-173:~/Escritorio/EGC-2425/app/modules/auth/tests\$ ls
__init__.py locustfile.py __pycache__ test.selenium_ide test.selenium.py test_unit.py
(venv) practica@pc-13-173:~/Escritorio/EGC-2425/app/modules/auth/tests\$ pytest --cov=app --cov-report=html tests/
ImportError while loading conftest '/home/practica/Escritorio/EGC-2425/app/modules/conftest.py'.
../../../../../__init__.py:70: in <module>
 app = create_app()
../../../../../__init__.py:36: in create_app
 module_manager.register_modules()
../../../../../core/managers/module_manager.py:30: in register_modules
 for module_name in os.listdir(self.modules_dir):
E FileNotFoundError: [Errno 2] No such file or directory: 'app/modules'
(venv) practica@pc-13-173:~/Escritorio/EGC-2425/app/modules/auth/tests\$ locust -f locustfile.py
[2025-01-10 17:15:02,008] pc-13-173/INFO/locust.main: Starting web interface at http://0.0.0.0:8089
[2025-01-10 17:15:02,023] pc-13-173/INFO/locust.main: Starting Locust 2.29.1

+ ... ^ x python3.12... python3.12

Ln 32, Col 1 Spaces: 4 UTF-8 LF Python Q

Actividades ➔ Visual Studio Code 10 de ene 17:20

File Edit Selection View Go Run Terminal Help

EXPLORER EGC-2425 app > _init_.py

```
22 23 def create_app(config_name='development'): 24     app = Flask(__name__) 25 26     # Load configuration according to environment 27     config_manager = ConfigManager(app) 28     config_manager.load_config(config_name=config_name) 29 30     # Initialize SQLAlchemy and Migrate with the app 31     db.init_app(app) 32     migrate.init_app(app, db)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
===== test session starts ====== platform linux -- Python 3.12.8, pytest-8.2.2, pluggy-1.5.0 rootdir: /home/practica/Escritorio/EGC-2425 plugins: Faker-26.0.0, cov-5.0.0 collected 0 items
```

```
===== no tests ran in 0.01s ====== ERROR: file or directory not found: tests/
```

```
❶ (venv) practica@pc-13-173:~/Escritorio/EGC-2425$ pytest --cov=app tests/ --ignore-glob='selenium' ===== test session starts ====== platform linux -- Python 3.12.8, pytest-8.2.2, pluggy-1.5.0 rootdir: /home/practica/Escritorio/EGC-2425 plugins: Faker-26.0.0, cov-5.0.0 collected 0 items
```

```
===== no tests ran in 0.01s ====== ERROR: file or directory not found: tests/
```

```
❷ (venv) practica@pc-13-173:~/Escritorio/EGC-2425$
```

Ln 32, Col 1 Spaces:4 UTF-8 LF Python

The screenshot shows a Visual Studio Code interface with the following details:

- File Explorer:** Shows a project structure named "EGC-2425" containing an "app" folder with "modules" and several subfolders like "dataset", "explore", "featuremodel", etc.
- Code Editor:** Displays the content of the file `app/_init_.py`. The code defines a `create_app` function that initializes a Flask application, loads configuration from a `ConfigManager`, and initializes SQLAlchemy and Migrate.
- Terminal:** Shows two sessions:
 - The first session runs `pytest --cov=app tests/ --ignore-glob='selenium'` and fails because no tests are found in the specified directory.
 - The second session runs the same command again and also fails with the same message.
- Status Bar:** Shows the current line (Ln 32), column (Col 1), spaces (Spaces:4), encoding (UTF-8), line separator (LF), and the language (Python).

Ejercicio Pruebas

Apartado 2

The screenshot shows a Visual Studio Code interface with the following details:

- Title Bar:** Actividades, Visual Studio Code, 10 de ene 17:15.
- File Explorer:** Shows a project structure named "EGC-2425" containing ".pytest_cache", "app", "modules", and other files like "profile", "public", "team", "webhook", "zenodo".
- Code Editor:** Displays the file `__init__.py` with code for creating an Flask app, loading configuration, and initializing SQLAlchemy.
- Terminal:** Shows the command line output of running tests and starting Locust.
- Bottom Status Bar:** Ln 32, Col 1, Spaces: 4, UTF-8, LF, Python.

```
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)
    migrate.init_app(app, db)
```

```
(venv) practica@pc-13-173:~/Escritorio/EGC-2425/app/modules/auth$ ls
assets __init__.py __pycache__ routes.py services.py tests
forms.py models.py repositories.py seeders.py templates
(venv) practica@pc-13-173:~/Escritorio/EGC-2425/app/modules/auth$ cd tests/
(venv) practica@pc-13-173:~/Escritorio/EGC-2425/app/modules/auth/tests$ ls
__init__.py locustfile.py __pycache__ test.selenium.py test.unit.py
(venv) practica@pc-13-173:~/Escritorio/EGC-2425/app/modules/auth/tests$ pytest --cov=app --cov-report=html tests/
ImportError while loading conftest '/home/practica/Escritorio/EGC-2425/app/modules/conftest.py'.
../../__init__.py:0: in <module>
    app = create_app()
../../__init__.py:36: in create_app
    module_manager.register_modules()
../../core/managers/module_manager.py:30: in register_modules
    for module_name in os.listdir(self.modules_dir):
E   FileNotFoundError: [Errno 2] No such file or directory: 'app/modules'
(venv) practica@pc-13-173:~/Escritorio/EGC-2425/app/modules/auth/tests$ locust -f locustfile.py
[2025-01-10 17:15:02,008] pc-13-173/INFO/locust.main: Starting web interface at http://0.0.0.0:8089
[2025-01-10 17:15:02,023] pc-13-173/INFO/locust.main: Starting Locust 2.29.1
```

Ejercicio Pruebas

Apartado 3

Ejercicio Pruebas

Apartado 4

Ejercicio Pruebas

Tras poner el comando
Apartado 5 pytest

The screenshot shows the Visual Studio Code interface with the following details:

- Title Bar:** Actividades > Visual Studio Code, 10 de ene 17:21.
- File Explorer:** Shows a project structure for "EGC-2425" containing files like ".pytest_cache", "app", "core", "docker", "migrations", "rosemary", "rosemary.egg-info", "scripts", "uploads", "vagrant", ".env", ".env.docker.example", ".env.docker.production.example", ".env.local.example", ".env.vagrant.example", ".flake8", ".gitattributes", ".gitignore", ".moduleignore", ".app.log", "README.md", "requirements.txt", and "setup.py".
- Code Editor:** The file "app > __init__.py" is open, showing Python code for creating an Flask application and initializing SQLAlchemy.
- Terminal:** The terminal tab is active, displaying the output of a pytest run:

```
app/modules/auth/tests/test_unit.py .....  
app/modules/featuremodel/tests/test_unit.py .  
app/modules/flamapy/tests/test_unit.py .  
app/modules/hubfile/tests/test_unit.py .  
app/modules/profile/tests/test_unit.py .  
app/modules/webhook/tests/test_unit.py .  
  
===== warnings summary =====  
app/modules/auth/tests/test_unit.py::test_login_success  
app/modules/auth/tests/test_unit.py::test_signup_user_successful  
app/modules/profile/tests/test_unit.py::test_edit_profile_page_get  
/home/practica/Escritorio/venv/lib/python3.12/site-packages/flask_login/login_manager.py:488: DeprecationWarning: datetime.datetime.utcnow() is deprecated and scheduled for removal in a future version. Use timezone-aware objects to represent datetimes in UTC: datetime.datetime.now(datetime.UTC).  
    expires = datetime.utcnow() + duration  
  
-- Docs: https://docs.pytest.org/en/stable/how-to/capture-warnings.html  
===== 14 passed, 3 warnings in 8.52s =====
```
- Status Bar:** Ln 32, Col 1, Spaces: 4, UTF-8, LF, Python.

Ejercicio Docker

Apartado 1

The screenshot shows a Visual Studio Code interface with the following details:

- Title Bar:** Actividades Visual Studio Code 10 de ene 17:27 _init_.py - EGC-2425 - Visual Studio Code
- File Explorer:** Shows a project structure for "EGC-2425" containing files like .env, .env.docker.example, .env.docker.production.example, .env.local.example, .env.vagrant.example, .flake8, .gitattributes, .gitignore, .moduleignore, app.log, README.md, requirements.txt, and setup.py. A "docker" folder is selected.
- Code Editor:** Displays the content of `_init_.py` (development configuration) and `__init__.py` (Flask application creation).
- Terminal:** Shows a command-line session with the following output:

```
D      app/modules/hubfile/tests/test_selenium.py
D      app/modules/webhook/tests/test_selenium.py
rama 'chore/docker' configurada para rastrear 'origin/chore/docker'.
Cambiado a nueva rama 'chore/docker'.
● (venv) practica@pc-13-173:~/Escritorio/EGC-2425/app/modules/dataset/tests$ docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
● (venv) practica@pc-13-173:~/Escritorio/EGC-2425/app/modules/dataset/tests$ cp .env.docker.example .env
cp: no se puede efectuar `stat` sobre '.env.docker.example': No existe el archivo o el directorio
● (venv) practica@pc-13-173:~/Escritorio/EGC-2425/app/modules/dataset/tests$ cp .env.docker.example .env
cp: no se puede efectuar `stat` sobre '.env.docker.example': No existe el archivo o el directorio
● (venv) practica@pc-13-173:~/Escritorio/EGC-2425/app/modules/dataset/tests$ cd ..
● (venv) practica@pc-13-173:~/Escritorio/EGC-2425/app/modules/dataset$ cd ..
● (venv) practica@pc-13-173:~/Escritorio/EGC-2425/app$ cd ..
● (venv) practica@pc-13-173:~/Escritorio/EGC-2425$ cp .env.docker.example .env
○ (venv) practica@pc-13-173:~/Escritorio/EGC-2425$ docker compose -f docker/docker-compose.dev.yml up -d
[+] Running 1/2
  :: nginx Pulling
! web Warning  manifest for drorganviedez/uvhub:dev not found: manifest unknown:...
```
- Status Bar:** Shows line 32, column 1; spaces: 4; UTF-8; LF; Python.

Actividades Visual Studio Code 10 de ene 17:28 _init_.py - EGC-2425 - Visual Studio Code

File Edit Selection View Go Run Terminal Help

EXPLORER

- EGC-2425
 - > .pytest_cache
 - > app
 - > core
 - > docker
 - > migrations
 - > rosemary
 - > rosemary.egg-info
 - > scripts
 - > uploads
 - > vagrant
- .env
 - \$.env.docker.example
 - \$.env.docker.production.example
 - \$.env.local.example
 - \$.env.vagrant.example
- .flake8
- .gitattributes
- .gitignore
- .moduleignore
- app.log
- README.md
- requirements.txt
- setup.py

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
(venv) practica@pc-13-173:~/Escritorio/EGC-2425/app/modules/dataset/tests$ git checkout chore/docker
D app/modules/auth/tests/test.selenium.py
D app/modules/auth/tests/test.selenium.ide/test_signup.py
D app/modules/dataset/tests/test.selenium.py
D app/modules/featuremodel/tests/test.selenium.py
D app/modules/flamapy/tests/test.selenium.py
D app/modules/hubfile/tests/test.selenium.py
D app/modules/webhook/tests/test.selenium.py
rama 'chore/docker' configurada para rastrear 'origin/chore/docker'.
Cambiado a nueva rama 'chore/docker'.
(venv) practica@pc-13-173:~/Escritorio/EGC-2425/app/modules/dataset/tests$ docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
(venv) practica@pc-13-173:~/Escritorio/EGC-2425/app/modules/dataset/tests$ cp .env.docker.example .env
cp: no se puede efectuar 'stat' sobre '.env.docker.example': No existe el archivo o el directorio
(venv) practica@pc-13-173:~/Escritorio/EGC-2425/app/modules/dataset/tests$ cp .env.docker.example .env
```

Ln 32, Col 1 Spaces: 4 UTF-8 LF Python

Docker Python3.12

Actividades Visual Studio Code 10 de ene 17:30 .env - EGC-2425 - Visual Studio Code

File Edit Selection View Go Run Terminal Help

EXPLORER .env _init_.py .env

.env

```
1 FLASK_APP_NAME="UVLHUB.IO(dev)"
2 FLASK_ENV=development
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
10 MARIADB_ROOT_PASSWORD=uvlhubdb_root_password
11 WORKING_DIR=/app/
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Error response from daemon: driver failed programming external connectivity on endpoint mariadb_container (37f1af1c3c04206c1e9e7deb4d27a085bd5caa0244631f517fea7fa8208da716): failed to bind port 0.0.0.0:3306/tcp: Error starting userland proxy: listen tcp4 0.0.0.0:3306: bind: address already in use

(venv) `practica@pc-13-173:~/Escritorio/EGC-2425$ docker compose -f docker/docker-compose.dev.yml up -d`

[+] Running 2/3

- ✓ Container web app_container Recreated 0.3s
- : Container mariadb_container Starting 0.4s
- ✓ Container nginx web_server_container Created 0.0s

Error response from daemon: driver failed programming external connectivity on endpoint mariadb_container (9b2cfb2ea8286358efab2b014a1d3ef053792947713e442a6ff30133de15bffd): failed to bind port 0.0.0.0:3306/tcp: Error starting userland proxy: listen tcp4 0.0.0.0:3306: bind: address already in use

(venv) `practica@pc-13-173:~/Escritorio/EGC-2425$ docker compose -f docker/docker-compose.dev.yml up -d`

[+] Running 2/3

- ✓ Container web app_container Recreated 0.3s
- : Container mariadb_container Starting 0.4s
- ✓ Container nginx web_server_container Created 0.0s

Error response from daemon: driver failed programming external connectivity on endpoint mariadb_container (f0c2ec84259f307d15627fe40b9b327da85191a962bd2f5b7082ba98cb96d4c5): failed to bind port 0.0.0.0:3306/tcp: Error starting userland proxy: listen tcp4 0.0.0.0:3306: bind: address already in use

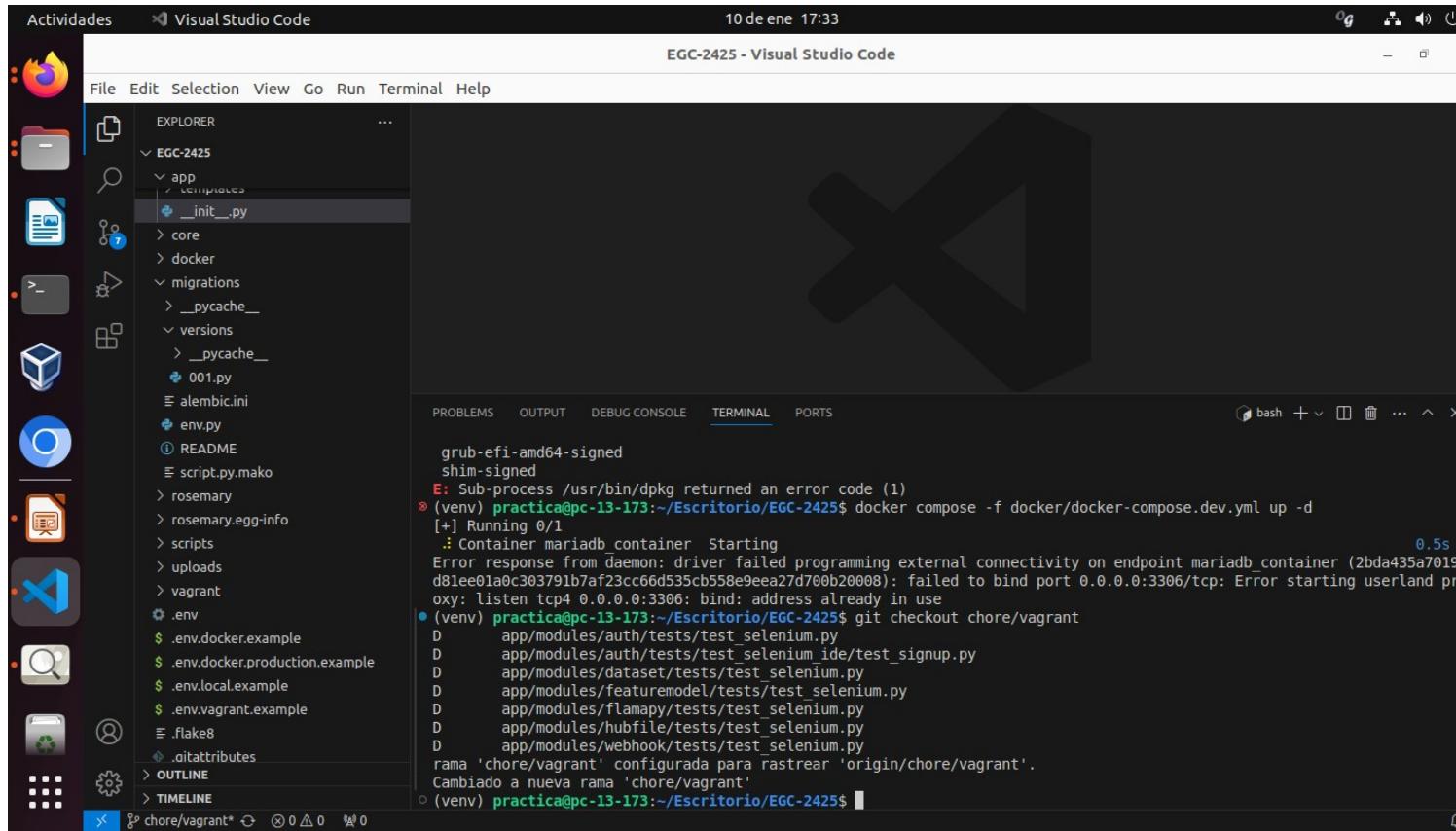
(venv) `practica@pc-13-173:~/Escritorio/EGC-2425$`

Ln 5, Col 18 Spaces: 4 UTF-8 LF Properties

This screenshot shows a Visual Studio Code interface with a terminal window open. The terminal is running a Docker Compose command to start services defined in a compose file named 'dev.yml'. The output indicates that the 'mariadb' container failed to start because it couldn't bind to port 3306, which was already in use. This happened twice, once for each 'mariadb' service listed in the compose file. The 'nginx' container also failed to start due to a similar port conflict. The 'web' service started successfully. The terminal window has tabs for 'bash' and 'bash' at the bottom.

Ejercicio Vagrant

Apartado 1



The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows a project structure for "EGC-2425" containing "app", "core", "docker", "migrations", "versions", and "vagrant" folders. Inside "app", there are ".py" files like "__init__.py", "script.py.mako", "rosemary", "scripts", "uploads", and "vagrant".
- Terminal:** The terminal window displays the following command and its output:

```
grub-efi-amd64-signed  
shim-signed  
E: Sub-process /usr/bin/dpkg returned an error code (1)  
● (venv) practica@pc-13-173:~/Escritorio/EGC-2425$ docker compose -f docker/docker-compose.dev.yml up -d  
[+] Running 0/1  
  .: Container mariadb_container Starting  
Error response from daemon: driver failed programming external connectivity on endpoint mariadb_container (2bda435a7019  
d81ee01a0c303791b7af23cc66d535cb558e9eea27d700b20008): failed to bind port 0.0.0.0:3306/tcp: Error starting userland pr  
oxy: listen tcp4 0.0.0.0:3306: bind: address already in use  
● (venv) practica@pc-13-173:~/Escritorio/EGC-2425$ git checkout chore/vagrant  
D    app/modules/auth/tests/test.selenium.py  
D    app/modules/auth/tests/test.selenium.ide/test_signup.py  
D    app/modules/dataset/tests/test.selenium.py  
D    app/modules/featuremodel/tests/test.selenium.py  
D    app/modules/flamapy/tests/test.selenium.py  
D    app/modules/hubfile/tests/test.selenium.py  
D    app/modules/webhook/tests/test.selenium.py  
rama 'chore/vagrant' configurada para rastrear 'origin/chore/vagrant'.  
Cambiado a la nueva rama 'chore/vagrant'  
● (venv) practica@pc-13-173:~/Escritorio/EGC-2425$
```

Actividades Visual Studio Code 10 de ene 17:34 .env - EGC-2425 - Visual Studio Code

File Edit Selection View Go Run Terminal Help

EXPLORER .env

EGC-2425

- > .pytest_cache
- > app
- > core
- > docker
- > migrations
- > rosemary
- > scripts
- > vagrant

.env

- \$.env.docker.example
- \$.env.docker.production.example
- \$.env.local.example
- \$.env.vagrant.example
- Ξ .flake8
- ◊ .gitattributes
- ◊ .gitignore
- Ξ .moduleignore
- ⓘ README.md
- Ξ requirements.txt
- ✿ setup.py

.env

```
1 FLASK_APP_NAME="UVLHUB.IO(dev)"
2 FLASK_ENV=development
3 DOMAIN=localhost:5000
4 MARIADB_HOSTNAME=localhost
5 MARIADB_PORT=3306
6 MARIADB_DATABASE=uvlhubdb
7 MARIADB_TEST_DATABASE=uvlhubdb_test
8 MARIADB_USER=uvlhubdb_user
9 MARIADB_PASSWORD=uvlhubdb_password
10 MARIADB_ROOT_PASSWORD=uvlhubdb_root_password
11 WORKING_DIR=/vagrant/
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Error response from daemon: driver failed programming external connectivity on endpoint mariadb_container (2bda435a7019 d81ee01a0c303791b7af23cc66d535cb558e9eea27d700b20008): failed to bind port 0.0.0.0:3306/tcp: Error starting userland proxy: listen tcp4 0.0.0.0:3306: bind: address already in use

(venv) practica@pc-13-173:~/Escritorio/EGC-2425\$ git checkout chore/vagrant

D app/modules/auth/tests/test.selenium.py
D app/modules/auth/tests/test.selenium.ide/test_signup.py
D app/modules/dataset/tests/test.selenium.py
D app/modules/featuremodel/tests/test.selenium.py
D app/modules/flamapy/tests/test.selenium.py
D app/modules/hubfile/tests/test.selenium.py
D app/modules/webhook/tests/test.selenium.py
rama 'chore/vagrant' configurada para fastrear 'origin/chore/vagrant'. Cambiado a nueva rama 'chore/vagrant'

(venv) practica@pc-13-173:~/Escritorio/EGC-2425\$ rm -r uploads
(venv) practica@pc-13-173:~/Escritorio/EGC-2425\$ rm -r rosemary.egg-info
(venv) practica@pc-13-173:~/Escritorio/EGC-2425\$ rm app.log*
(venv) practica@pc-13-173:~/Escritorio/EGC-2425\$ cp .env.vagrant.example .env
(venv) practica@pc-13-173:~/Escritorio/EGC-2425\$ cd vagrant
(venv) practica@pc-13-173:~/Escritorio/EGC-2425/vagrant\$ vagrant up

Ln 5, Col 18 Spaces: 4 UTF-8 LF Properties

Actividades Visual Studio Code 10 de ene 17:35 .env - EGC-2425 - Visual Studio Code

File Edit Selection View Go Run Terminal Help

EXPLORER .env

EGC-2425

- > .pytest_cache
- > app
- > core
- > docker
- > migrations
- > rosemary
- > scripts
- > vagrant
 - > .vagrant
 - ! 00_main.yml
 - ! 01_setup.yml
 - ! 02_install_mariadb.yml
 - ! 03_mariadb_scripts.yml
 - ! 04_install_dependencies.yml
 - ! 05_run_app.yml
 - ! 06_utilities.yml
 - V Vagrantfile
- ! .env
- \$.env.docker.example
- \$.env.docker.production.example
- \$.env.local.example
- \$.env.vagrant.example
- ! .flake8
- ! .gitattributes
- ! .gitignore

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

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/unkn
own/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-13-173:~/Escritorio/EGC-2425/vagrant\$

Ln 5, Col 18 Spaces: 4 UTF-8 LF Properties