Intensificación Colaborativa

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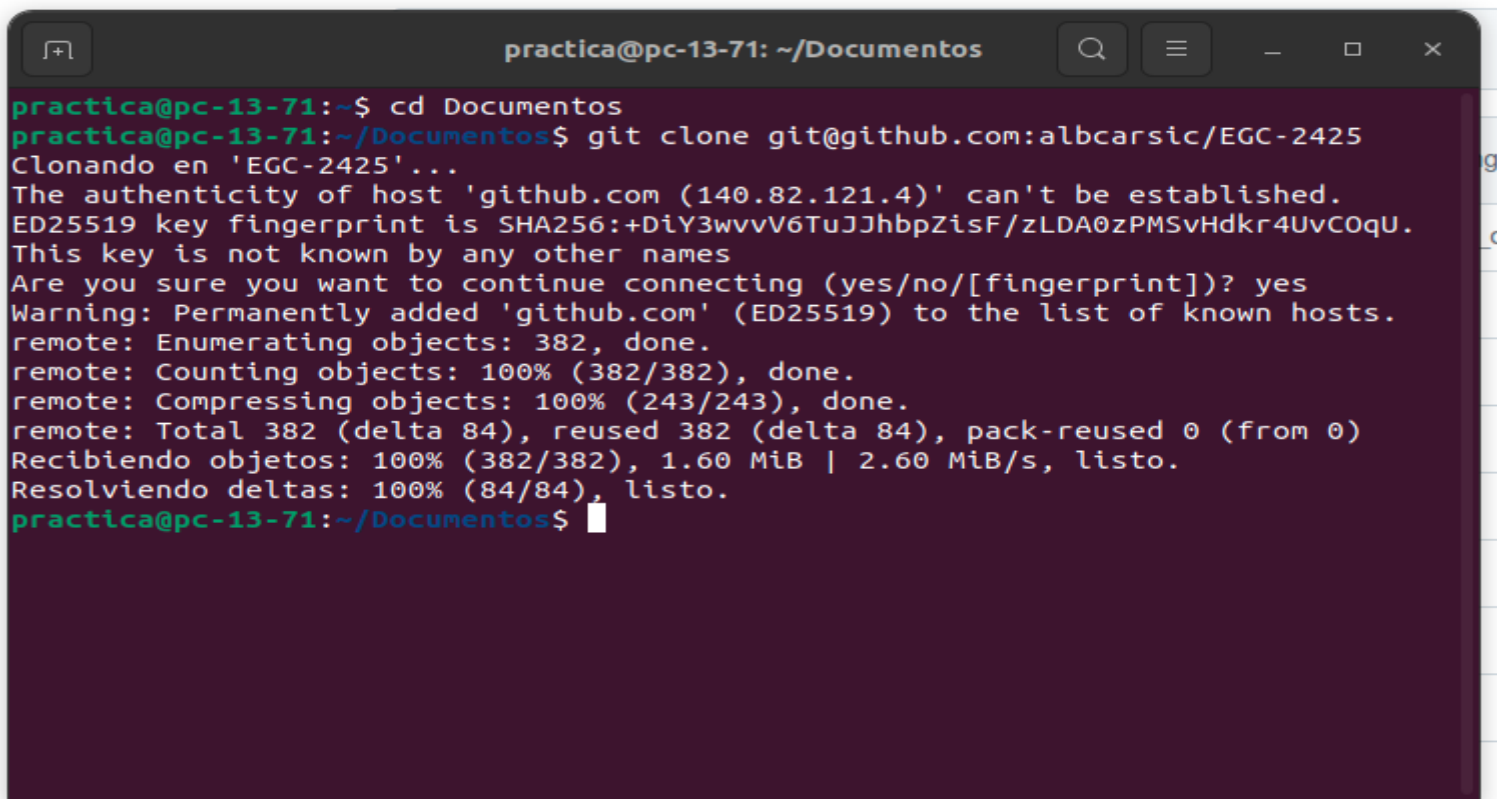
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Enlace al repositorio de
GitHub:https://github.com/albcarsic/EGC-2425

Ejercicio Git

Apartado 1

Ejercicio Git

```
Commands:
  clear:cache      Clears pytest cache in app/modules and the build...
  clear:log        Clears the 'app.log' file.
  clear:uploads    Clears the 'uploads' directory.
  compose:env      Combines .env files from blueprints with the root .env,...
  coverage         Runs pytest coverage on the blueprints directory or a...
  db:console       Opens a MariaDB console with credentials from .env.
  db:migrate       Generates and applies database migrations.
  db:reset         Resets the database, optionally clears migrations and...
  db:seed          Populates the database with the seeders defined in each...
  env              Displays the current .env file values.
  info             Displays information about the Rosemary CLI.
  linter           Runs flake8 linter on the 'app' and 'rosemary' directories.
  locust           Launches Locust for load testing based on the environment.
  locust:stop      Stops the Locust container if it is running.
  make:module      Creates a new module with a given name.
  module:list      Lists all modules and those ignored by .moduleignore.
  route:list       Lists all routes of the Flask application.
  selenium         Executes Selenium tests based on the environment.
  test             Runs pytest on the blueprints directory or a specific...
  update           This command updates all packages based on the...
  zip              Generates a zip file named egc_<uvus>_entrega.zip...
● (venv) practica@pc-13-71:~/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  -> 001, first migration
● (venv) practica@pc-13-71:~/Documentos/EGC-2425$ rosemary db:seed
 Seeding data for all modules...
 AuthSeeder performed.
 DataSetSeeder performed.
 FeaturemodelSeeder performed.
 FlamapySeeder performed.
 WebhookSeeder performed.
 HubfileSeeder performed.
 Database populated with test data.
○ (venv) practica@pc-13-71:~/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://10.1.13.71:5000
 Press CTRL+C to quit
 * Restarting with stat
 * Debugger is active!
 * Debugger PIN: 922-783-529
```

Ejercicio Git

Apartado 3

Ejercicio Git

Apartado 4

Ejercicio Git

Apartado 5

Estando en la rama feature/init-bug:

```
NameError: name 'create_app' is not defined
● (venv) practica@pc-13-71:~/Documentos/EGC-2425$ git checkout -b fix/app-init
  Cambiado a nueva rama 'fix/app-init'
```

```
NameError: name 'create_app' is not defined
(venv) practica@pc-13-71:~/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://10.1.13.71:5000
Press CTRL+C to quit
 * Restarting with stat
 * Debugger is active!
 * Debugger PIN: 922-783-529
```

```
● (venv) practica@pc-13-71:~/Documentos/EGC-2425$ git push -u origin fix/app-init
  Enumerando objetos: 7, listo.
  Contando objetos: 100% (7/7), listo.
  Compresión delta usando hasta 20 hilos
  Comprimiendo objetos: 100% (4/4), listo.
  Escribiendo objetos: 100% (4/4), 497 bytes | 497.00 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 'fix/app-init' on GitHub by visiting:
  remote:        https://github.com/albcarsic/EGC-2425/pull/new/fix/app-init
  remote:
  To github.com:albcarsic/EGC-2425
   * [new branch]      fix/app-init -> fix/app-init
  rama 'fix/app-init' configurada para rastrear 'origin/fix/app-init'.
```

Ejercicio Git

Apartado 6

Ejercicio Git

Apartado 7
A partir de la rama fix/app-init

```python
30  <<<<<<< HEAD (Current Change)
31      db.init_app(app, uri=os.getenv('DATABASE_URI'))
32  =======
33      db.init_app(app, uri=os.getenv('DB_CONNECTION_STRING'))
34  >>>>>>> feature/conflicto (Incoming Change)
35      migrate.init_app(app, db)
36
37      # Register modules
38      module_manager = ModuleManager(app)
39      module_manager.register_modules()
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
(venv) practica@pc-13-71:~/Documentos/EGC-2425$ git fetch
remote: Enumerating objects: 1, done.
remote: Total 1 (delta 0), reused 0 (delta 0), pack-reused 1 (from 1)
Desempaquetando objetos: 100% (1/1), 926 bytes | 926.00 KiB/s, listo.
Desde github.com:albcarsic/EGC-2425
   02d2aef..89e2db6  feature/init-bug -> origin/feature/init-bug
(venv) practica@pc-13-71:~/Documentos/EGC-2425$ git add .
(venv) practica@pc-13-71:~/Documentos/EGC-2425$ git commit -m "Cambiar configuración bd"
[fix/app-init 9de83bd] Cambiar configuración bd
 1 file changed, 1 insertion(+), 1 deletion(-)
(venv) practica@pc-13-71:~/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-13-71:~/Documentos/EGC-2425$ 

 1 file changed, 1 insertion(+), 1 deletion(-)
```

Ejercicio Git

Apartado 7

```
Accept Current Change | Accept Incoming Change | Accept Both Changes | Compare Changes
30  <<<<<<< HEAD (Current Change)
31      db.init_app(app, uri=os.getenv('DATABASE_URI'))
32  =======
33      db.init_app(app, uri=os.getenv('DB_CONNECTION_STRING'))
34  >>>>>>> feature/conflicto (Incoming Change)
35      migrate.init_app(app, db)
29      # Initialize SQLAlchemy and Migrate with the app
30      db.init_app(app, uri=os.getenv('DATABASE_URI'))
31      db.init_app(app, uri=os.getenv('DB_CONNECTION_STRING'))
32
```

```
(venv) practica@pc-13-71:~/Documentos/EGC-2425$ git fetch
remote: Enumerating objects: 1, done.
remote: Total 1 (delta 0), reused 0 (delta 0), pack-reused 1 (from 1)
Desempaquetando objetos: 100% (1/1), 926 bytes | 926.00 KiB/s, listo.
Desde github.com:albcarsic/EGC-2425
   02d2aef..89e2db6  feature/init-bug -> origin/feature/init-bug
(venv) practica@pc-13-71:~/Documentos/EGC-2425$ git add .
(venv) practica@pc-13-71:~/Documentos/EGC-2425$ git commit -m "Cambiar configuración bd"
[fix/app-init 9de83bd] Cambiar configuración bd
 1 file changed, 1 insertion(+), 1 deletion(-)
(venv) practica@pc-13-71:~/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-13-71:~/Documentos/EGC-2425$
```

Ejercicio Git

Apartado 7

```
29        # Initialize SQLAlchemy and Migrate with the app
30        db.init_app(app, uri=os.getenv('DATABASE_URI'))
31        db.init_app(app, uri=os.getenv('DB_CONNECTION_STRING'))
32
```

```
 fatal: Saliendo porque existe un conflicto sin resolver.
(venv) practica@pc-13-71:~/Documentos/EGC-2425$ git commit
 [fix/app-init 51c7cd5] Merge branch 'feature/conflicto' into fix/app-init
(venv) practica@pc-13-71:~/Documentos/EGC-2425$
```

```
[fix/app-init 51c7cd5] Merge branch 'feature/conflicto' into fix/app-init
(venv) practica@pc-13-71:~/Documentos/EGC-2425$ git push
 Enumerando objetos: 12, listo.
 Contando objetos: 100% (12/12), listo.
 Compresión delta usando hasta 20 hilos
 Comprimiendo objetos: 100% (9/9), listo.
 Escribiendo objetos: 100% (9/9), 1011 bytes | 505.00 KiB/s, listo.
 Total 9 (delta 6), reused 0 (delta 0), pack-reused 0 (from 0)
 remote: Resolving deltas: 100% (6/6), completed with 2 local objects.
 To github.com:albcarsic/EGC-2425
    3ad3c75..51c7cd5  fix/app-init -> fix/app-init
(venv) practica@pc-13-71:~/Documentos/EGC-2425$
```

Ejercicio GitHub Actions

Apartado 1

Ejercicio GitHub Actions

Apartado 2

```yaml
outadet_dependencies:
  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:
        - 3306:3306
      options: --health-cmd="mysqladmin ping" --health-interval=10s --health-timeout=5s --health-retries=3

  steps:

  - name: Check for outdated dependencies
    run: |
      pip list --outdated
```

Ejercicio GitHub Actions

Apartado 3

Hacer un push y comprobar desde GitHub Actions que se ejecuta el job

Ejercicio Pruebas

Apartado 1

```
(venv) practica@pc-13-71:~/Documentos/EGC-2425$ PYTHONPATH=. pytest --cov=app --cov-report=html --ignore-glob='selenium' app/modules/auth/tests/
```

Ejercicio Pruebas

Apartado 2

Se realizarían las pruebas con la aplicación funcionando y en locust

```
● (venv) practica@pc-13-71:~/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://10.1.13.71:5000
 Press CTRL+C to quit
   * Restarting with stat
   * Debugger is active!
   * Debugger PIN: 922-783-529
○ ^C(venv) practica@pc-13-71:~/Documentos/EGC-2425$ locust -f locustfile.py
```

Ejercicio Pruebas

Apartado 3

Ejercicio Pruebas

Apartado 4

```python
def test_login_falla_con_campos_vacíos(test_client):
    response = test_client.post(
        "/login", data=dict(email="", password=""), follow_redirects=True
    )

    assert response.request.path == url_for("auth.login"), "Login was unsuccessful"
```

Ejercicio Pruebas

Apartado 5

Ejercicio Docker

Apartado 1

Ejercicio Vagrant

Apartado 1