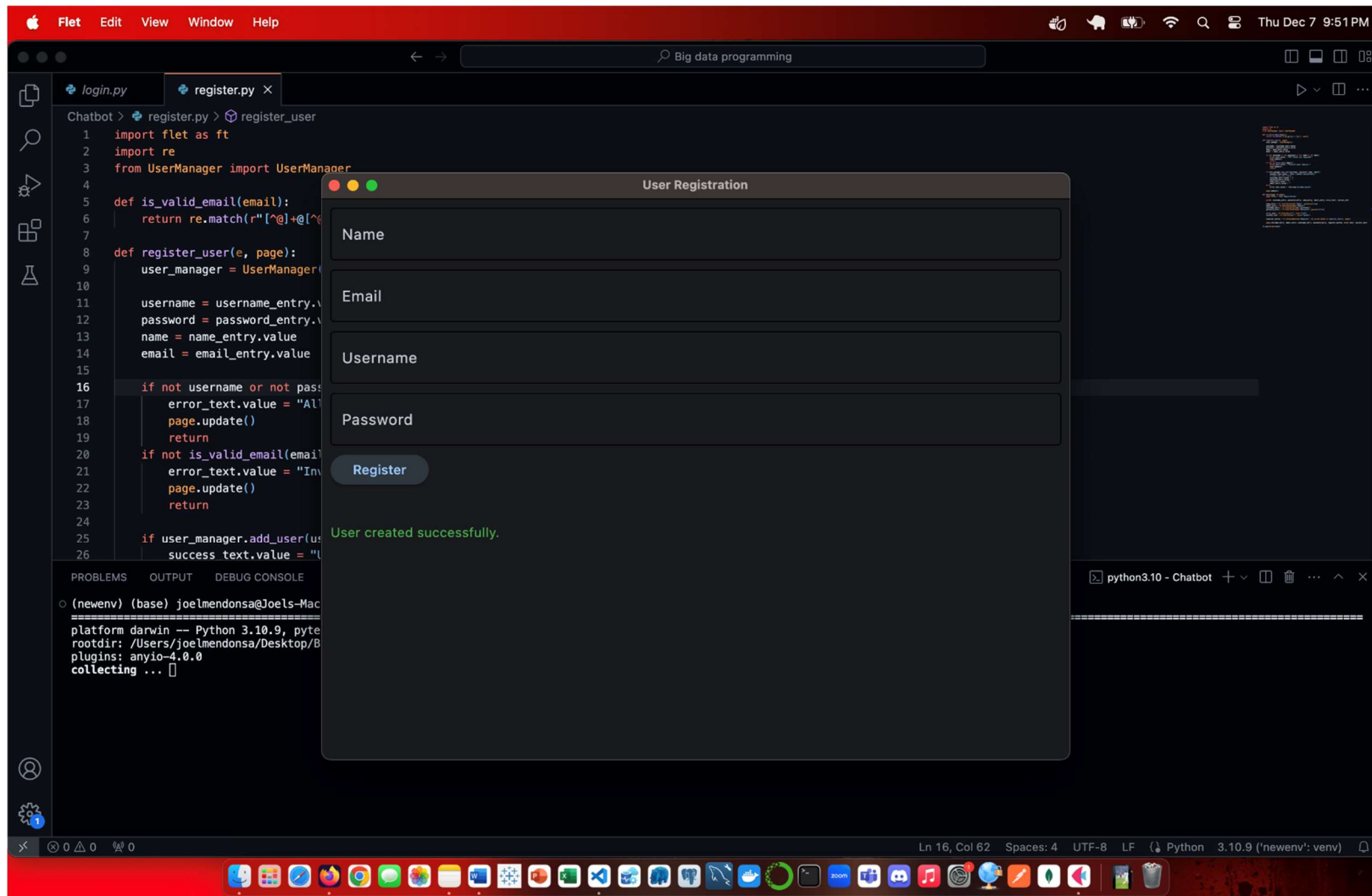
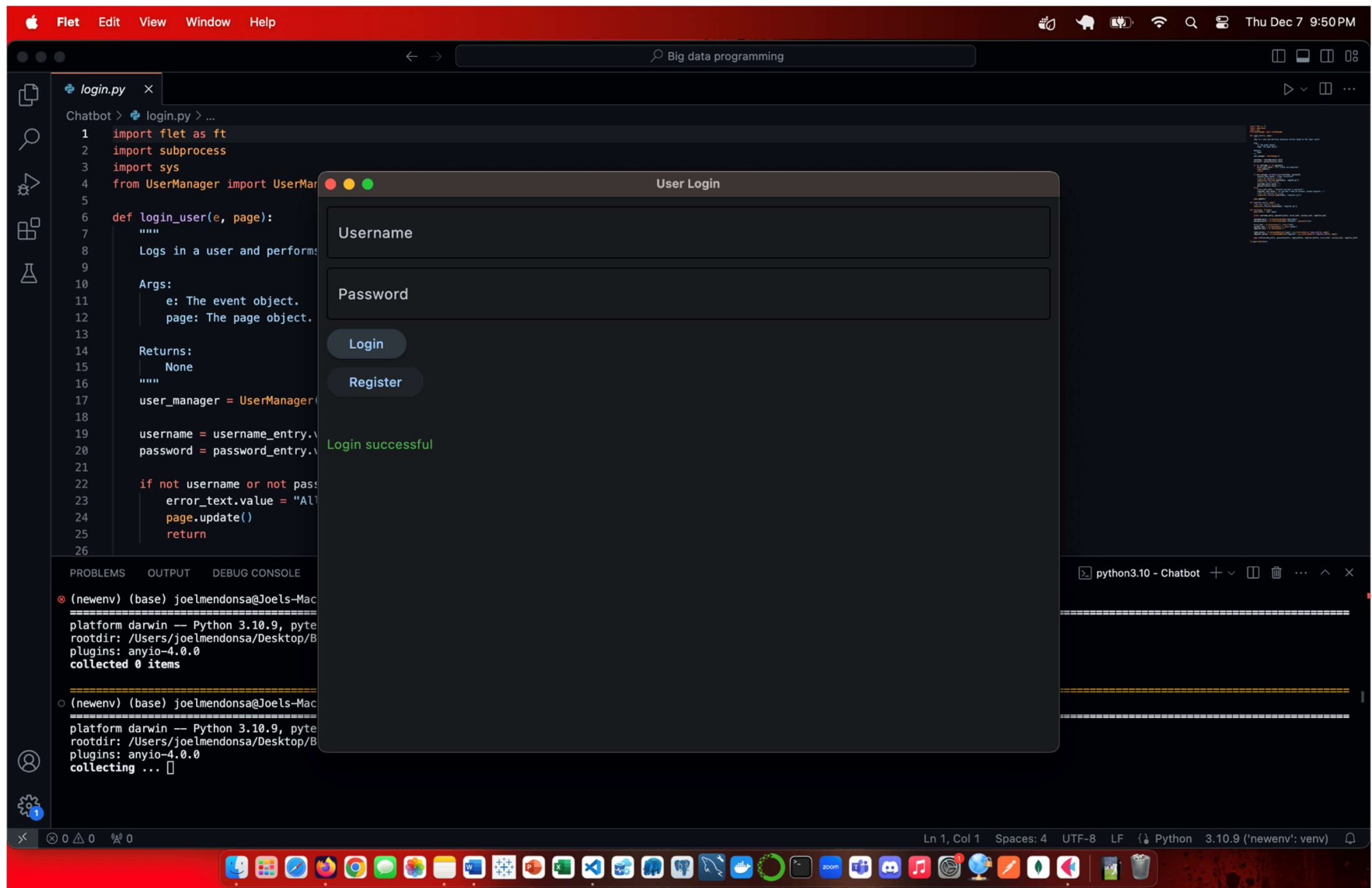


Test Results

Register:



Login:



Register view:

The image shows a VS Code editor window with a dark theme. The top menu bar includes Apple, Code, File, Edit, Selection, View, Go, Run, Terminal, Window, and Help. The top status bar shows system icons and the date/time: Thu Dec 7 9:37 PM. The editor has two tabs: `registerview.py` and `test_registerview.py`. The `test_registerview.py` tab is active, showing the following Python code:

```
1 import pytest
2 from registerview import RegisterView # Assuming both files are in the same directory
3
4 def test_register_view_build():
5     try:
6         # Mocking the required callbacks for initialization
7         def on_register_clicked():
8             pass
9
10        def on_back_clicked():
11            pass
12
13        # Create an instance of RegisterView
14        register_view = RegisterView(on_register_clicked, on_back_clicked)
15
16        # Call the build method
17        register_view.build()
18
19    except Exception as e:
20        pytest.fail(f"Failed to execute RegisterView: {str(e)}")
21
```

The bottom panel shows the TERMINAL view with the following output:

```
source "/Users/joelmendonsa/Desktop/Big data programming/newenv/bin/activate"
(base) joelmendonsa@Joels-MacBook-Air Big data programming % source "/Users/joelmendonsa/Desktop/Big data programming/newenv/bin/activate"
(newenv) (base) joelmendonsa@Joels-MacBook-Air Big data programming % cd Chatbot/
(newenv) (base) joelmendonsa@Joels-MacBook-Air Chatbot % pytest test_registerview.py

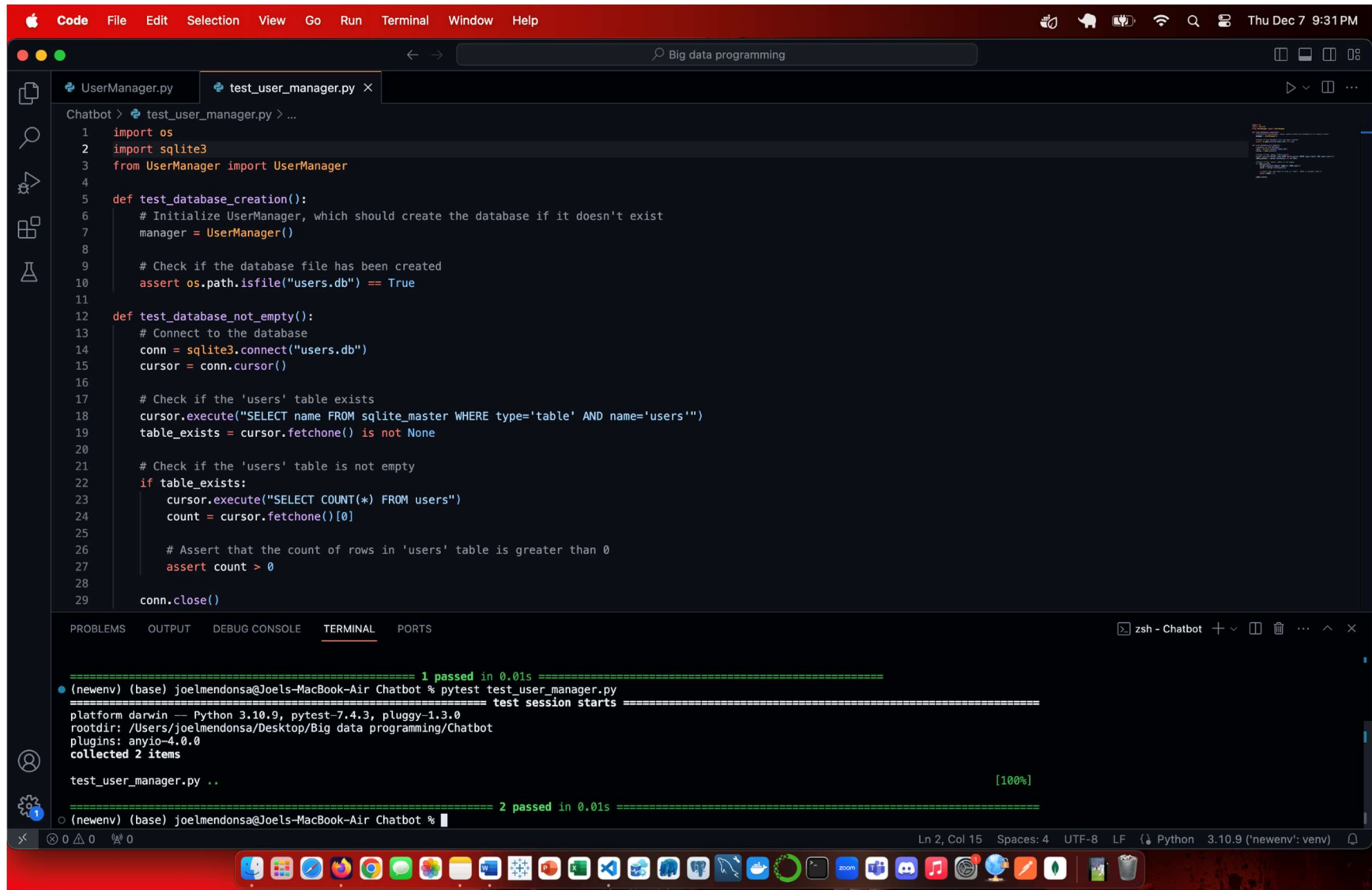
platform darwin -- Python 3.10.9, pytest-7.4.3, pluggy-1.3.0
rootdir: /Users/joelmendonsa/Desktop/Big data programming/Chatbot
plugins: anyio-4.0.0
collected 1 item

test_registerview.py . [100%]

===== 1 passed in 0.21s =====
(newenv) (base) joelmendonsa@Joels-MacBook-Air Chatbot %
```

The bottom status bar shows: Ln 21, Col 1, Spaces: 4, UTF-8, LF, Python 3.10.9 ('newenv': venv).

User Manager:



The image shows a VS Code editor window with two tabs: `UserManager.py` and `test_user_manager.py`. The `test_user_manager.py` tab is active, displaying the following Python code:

```
1 import os
2 import sqlite3
3 from UserManager import UserManager
4
5 def test_database_creation():
6     # Initialize UserManager, which should create the database if it doesn't exist
7     manager = UserManager()
8
9     # Check if the database file has been created
10    assert os.path.isfile("users.db") == True
11
12 def test_database_not_empty():
13     # Connect to the database
14     conn = sqlite3.connect("users.db")
15     cursor = conn.cursor()
16
17     # Check if the 'users' table exists
18     cursor.execute("SELECT name FROM sqlite_master WHERE type='table' AND name='users'")
19     table_exists = cursor.fetchone() is not None
20
21     # Check if the 'users' table is not empty
22     if table_exists:
23         cursor.execute("SELECT COUNT(*) FROM users")
24         count = cursor.fetchone()[0]
25
26         # Assert that the count of rows in 'users' table is greater than 0
27         assert count > 0
28
29     conn.close()
```

The bottom panel shows the `TERMINAL` output, which includes the following text:

```
==== 1 passed in 0.01s =====
• (newenv) (base) joelmendonsa@Joels-MacBook-Air Chatbot % pytest test_user_manager.py
===== test session starts =====
platform darwin -- Python 3.10.9, pytest-7.4.3, pluggy-1.3.0
rootdir: /Users/joelmendonsa/Desktop/Big data programming/Chatbot
plugins: anyio-4.0.0
collected 2 items

test_user_manager.py ..                                     [100%]

===== 2 passed in 0.01s =====
(newenv) (base) joelmendonsa@Joels-MacBook-Air Chatbot %
```

The status bar at the bottom indicates the current cursor position is at line 2, column 15, with 4 spaces, UTF-8 encoding, LF line endings, and the Python 3.10.9 environment.

App.py

The image shows a Visual Studio Code editor window with a dark theme. The editor has three tabs open: `app.py`, `app_test.py \1, U x`, and `app_test.py TestCases`. The active tab is `app_test.py \1, U x`, which contains the following Python code:

```
app_test.py > test_process_pdf_file
5 from app import process_pdf_file
6
7 @pytest.fixture
8 def mock_status_text():
9     return MagicMock()
10
11 def test_process_pdf_file(mock_status_text):
12     # Mocking necessary objects
13     file_path = "test_file.pdf"
14     project_name = "TestProject"
15     user_email = "test@example.com"
16
17     with patch('app.os.makedirs') as mock_makedirs, \
18         patch('app.HuggingFaceBgeEmbeddings') as mock_embeddings, \
19         patch('app.PyPDFLoader') as mock_loader, \
20         patch('app.RecursiveCharacterTextSplitter') as mock_text_splitter, \
21         patch('app.Chroma.from_documents') as mock_chroma:
22
23         # Calling the function
24         process_pdf_file(file_path, project_name, user_email, mock_status_text)
25
26         # Assertions
27         mock_status_text.update.assert_called_with()
28         mock_makedirs.assert_called_once_with(f"stores/{user_email}/{project_name}")
29
```

Below the editor, the **TERMINAL** panel is active, showing the output of a test run. It includes a link to a Pydantic migration guide, a link to Pytest documentation on capturing warnings, and a summary of the test results: `1 passed, 10 warnings in 8.67s`. The terminal also shows the current directory path: `PS C:\Users\mouly\OneDrive\Documents\Big data Sem 1\Project\Chatbot_Project_Code\ConestogaChatbot>`.

The status bar at the bottom of the window indicates the current file is `main.py`, the cursor is at line 21, column 20, and the file encoding is UTF-8. The system tray at the very bottom shows the date and time as 10:18 PM on 2023-12-07.

Ingest.py

The screenshot displays the Visual Studio Code interface with the following components:

- EXPLORER:** Shows the project structure with files like `ingest_test.py`, `ingest.py`, `app_test.py`, `app.py`, `app1.py`, `appGPU.py`, `appGPU23.py`, `CO.pdf`, `ingest_test.py`, `ingest.py`, `ingestCPU.py`, `ingestGPU.py`, `IP.pdf`, `llm_view.py`, `login_view.py`, `login.py`, `main_app_view.py`, `pdf_processing_view.py`, `perros.pdf`, `pet.pdf`, `README.md`, and `register_view.py`.
- EDITOR:** Displays the code for `ingest_test.py`. The code includes imports for `test_process_pdf_file` and `process_pdf_file`, and a test function `test_process_pdf_file()` that uses `pytest` fixtures and `mocks` to test the `process_pdf_file` function.
- TERMINAL:** Shows the test results: `1 passed, 10 warnings in 50.30s`. The warnings are related to Pydantic deprecated validators.

```
ingest_test.py > test_process_pdf_file
2 from ingest import process_pdf_file #
3
4 def test_process_pdf_file():
5     # Mocking necessary objects
6     file_path = "pet.pdf"
7     status_text_mock = MagicMock()
8     project_name_mock = MagicMock()
9     user_email_mock = MagicMock()
10
11     with patch('ingest.HuggingFaceBgeEmbeddings'), \
12         patch('ingest.PyPDFLoader'), \
13         patch('ingest.RecursiveCharacterTextSplitter'), \
14         patch('ingest.Chroma.from_documents') as mock_chroma, \
15         patch('ingest.os.makedirs') as mock_makedirs:
16
17         # Mocking makedirs to avoid OSError
18         mock_makedirs.side_effect = lambda directory, exist_ok=False: None
19
20         # Calling the function
21         process_pdf_file(file_path, status_text_mock)
22
23         # Additional assertions based on the specific behavior of your function
24         assert status_text_mock.value == "Vector Store Created and Saved!"
25         status_text_mock.update.assert_called_once()
26
```

PROBLEMS OUTPUT DEBUG CONSOLE **TERMINAL** PORTS COMMENTS

@validator("inputs")

..\..\..\..\AppData\Local\Programs\Python\Python311\Lib\site-packages\huggingface_hub\inference_text_generation.py:210
C:\Users\mouly\AppData\Local\Programs\Python\Python311\Lib\site-packages\huggingface_hub\inference_text_generation.py:210: PydanticDeprecatedSince20: Pydantic V1 style '@validator' validators are deprecated. You should migrate to Pydantic V2 style '@field_validator' validators, see the migration guide for more details. Deprecated in Pydantic V2.0 to be removed in V3.0. See Pydantic V2 Migration Guide at https://errors.pydantic.dev/2.5/migration/
@validator("stream")

-- Docs: https://docs.pytest.org/en/stable/how-to/capture-warnings.html

===== 1 passed, 10 warnings in 50.30s =====

PS C:\Users\mouly\OneDrive\Documents\Big data Sem 1\Project\Chatbot_Project_Code\ConestogaChatbot>

Ln 15, Col 23 Spaces: 4 UTF-8 CRLF Python 3.11.5 (venv: venv)

1°C Cloudy

Search

ENG US 10:37 PM 2023-12-07