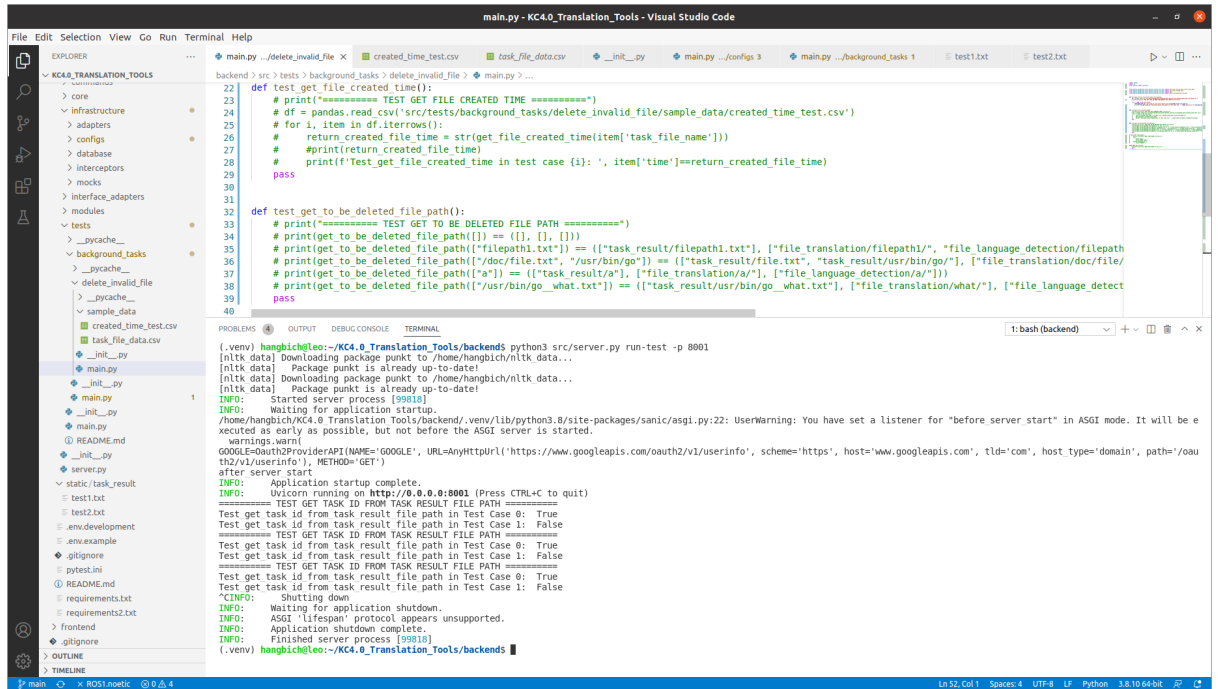


1. TEST GET TASK ID FROM TASK RESULT FILE PATH



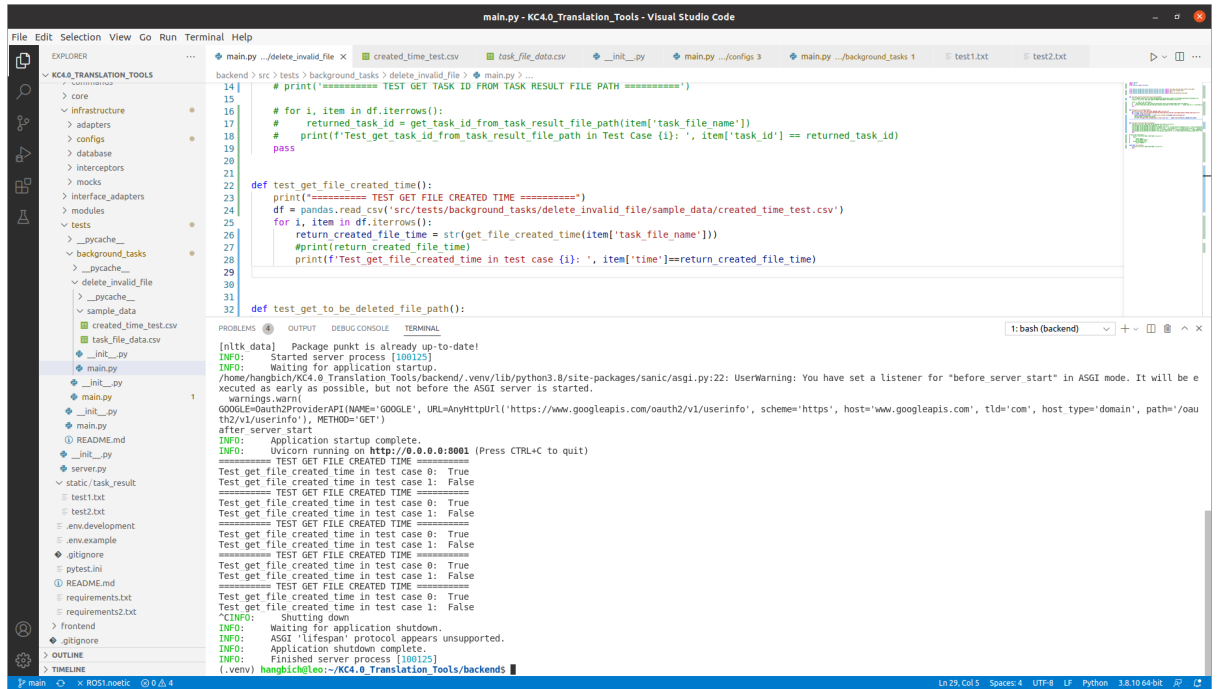
The screenshot shows the Visual Studio Code editor with the file `main.py` open. The code defines two functions: `test_get_file_created_time()` and `test_get_to_be_deleted_file_path()`. The first function reads a CSV file `delete_invalid_file/sample_data/created_time_test.csv` and prints the created time for each item. The second function prints the path to be deleted for each item. The terminal output shows the application running on `http://0.0.0.0:8001` and the test results for the first function.

```
def test_get_file_created_time():
    # print("===== TEST GET FILE CREATED TIME =====")
    # df = pandas.read_csv('src/tests/background_tasks/delete_invalid_file/sample_data/created_time_test.csv')
    # for i, item in df.iterrows():
    #     # return_created_file_time = str(get_file_created_time(item['task_file_name']))
    #     # print(return_created_file_time)
    pass

def test_get_to_be_deleted_file_path():
    # print("===== TEST GET TO BE DELETED FILE PATH =====")
    # print(get_to_be_deleted_file_path(['filepath1.txt']) == [{"task_result/filepath1.txt", "file_translation/filepath1", "file_language_detection/filepath1"}])
    # print(get_to_be_deleted_file_path(['doc/file.txt', "/usr/bin/go"]) == [{"task_result/file.txt", "task_result/usr/bin/go/"/}, {"file_translation/doc/file", "file_translation/a/", "file_language_detection/a/"}])
    # print(get_to_be_deleted_file_path(["a"]) == [{"task_result/a/"/}, {"file_translation/a/"/}, {"file_language_detection/a/"/}])
    # print(get_to_be_deleted_file_path(["usr/bin/go_what.txt"]) == [{"task_result/usr/bin/go_what.txt"/}, {"file_translation/what/"/}, {"file_language_detection/what/"/}])
    pass
```

```
[nltk data] Downloading package punkt to /home/hangbich/nltk data...
[nltk data] Package punkt is already up-to-date!
[nltk data] Downloading package punkt to /home/hangbich/nltk data...
[nltk data] Package punkt is already up-to-date!
INFO: Started server process [99818]
INFO: Waiting for application startup.
/home/hangbich/KC4.0_Translation_Tools/backends/.venv/lib/python3.8/site-packages/sanic/asgi.py:22: UserWarning: You have set a listener for "before server start" in ASGI mode. It will be executed as early as possible, but not before the ASGI server is started.
  warnings.warn(
GOOGLEOAuthProviderAPI(NAME='GOOGLE', URL=AnyHttpUrl('https://www.googleapis.com/oauth2/v1/userinfo', scheme='https', host='www.googleapis.com', tld='com', host_type='domain', path='/oauth2/v1/userinfo'), METHOD='GET')
after server start
INFO: Application startup complete.
INFO: Uvicorn running on http://0.0.0.0:8001 (Press CTRL+C to quit)
===== TEST GET TASK ID FROM TASK RESULT FILE PATH =====
Test get task id from task result file path in Test Case 0: True
Test get task id from task result file path in Test Case 1: False
===== TEST GET TASK ID FROM TASK RESULT FILE PATH =====
Test get task id from task result file path in Test Case 0: True
Test get task id from task result file path in Test Case 1: False
===== TEST GET TASK ID FROM TASK RESULT FILE PATH =====
Test get task id from task result file path in Test Case 0: True
Test get task id from task result file path in Test Case 1: False
^CINFO: Shutting down
INFO: Waiting for application shutdown.
INFO: ASGI 'lifespan' protocol appears unsupported.
INFO: Application shutdown complete.
INFO: Finished server process [99818]
(.venv) hangbich@leo:~/KC4.0_Translation_Tools/backends
```

2. TEST GET FILE CREATED TIME



The screenshot shows the Visual Studio Code editor with the file `main.py` open. The code defines two functions: `test_get_task_id_from_task_result_file_path()` and `test_get_file_created_time()`. The first function reads a CSV file `delete_invalid_file/sample_data/task_file_data.csv` and prints the task ID for each item. The second function prints the created time for each item. The terminal output shows the application running on `http://0.0.0.0:8001` and the test results for the first function.

```
def test_get_task_id_from_task_result_file_path():
    # print("===== TEST GET TASK ID FROM TASK RESULT FILE PATH =====")
    # for i, item in df.iterrows():
    #     # returned_task_id = get_task_id_from_task_result_file_path(item['task_file_name'])
    #     # print(f'Test get_task_id from task result file path in Test Case (i): ', item['task_id']) == returned_task_id
    pass

def test_get_file_created_time():
    # print("===== TEST GET FILE CREATED TIME =====")
    # df = pandas.read_csv('src/tests/background_tasks/delete_invalid_file/sample_data/created_time_test.csv')
    # for i, item in df.iterrows():
    #     return_created_file_time = str(get_file_created_time(item['task_file_name']))
    #     # print(return_created_file_time)
    #     print(f'Test get file created time in test case (i): ', item['time'])==return_created_file_time
    pass

def test_get_to_be_deleted_file_path():
    # print("===== TEST GET TO BE DELETED FILE PATH =====")
    # print(get_to_be_deleted_file_path(['filepath1.txt']) == [{"task_result/filepath1.txt", "file_translation/filepath1", "file_language_detection/filepath1"}])
    # print(get_to_be_deleted_file_path(['doc/file.txt', "/usr/bin/go"]) == [{"task_result/file.txt", "task_result/usr/bin/go/"/}, {"file_translation/doc/file", "file_translation/a/", "file_language_detection/a/"}])
    # print(get_to_be_deleted_file_path(["a"]) == [{"task_result/a/"/}, {"file_translation/a/"/}, {"file_language_detection/a/"/}])
    # print(get_to_be_deleted_file_path(["usr/bin/go_what.txt"]) == [{"task_result/usr/bin/go_what.txt"/}, {"file_translation/what/"/}, {"file_language_detection/what/"/}])
    pass
```

```
[nltk data] Package punkt is already up-to-date!
INFO: Started server process [100125]
INFO: Waiting for application startup.
/home/hangbich/KC4.0_Translation_Tools/backends/.venv/lib/python3.8/site-packages/sanic/asgi.py:22: UserWarning: You have set a listener for "before server start" in ASGI mode. It will be executed as early as possible, but not before the ASGI server is started.
  warnings.warn(
GOOGLEOAuthProviderAPI(NAME='GOOGLE', URL=AnyHttpUrl('https://www.googleapis.com/oauth2/v1/userinfo', scheme='https', host='www.googleapis.com', tld='com', host_type='domain', path='/oauth2/v1/userinfo'), METHOD='GET')
after server start
INFO: Application startup complete.
INFO: Uvicorn running on http://0.0.0.0:8001 (Press CTRL+C to quit)
===== TEST GET FILE CREATED TIME =====
Test get file created time in test case 0: True
Test get file created time in test case 1: False
===== TEST GET FILE CREATED TIME =====
Test get file created time in test case 0: True
Test get file created time in test case 1: False
===== TEST GET FILE CREATED TIME =====
Test get file created time in test case 0: True
Test get file created time in test case 1: False
===== TEST GET FILE CREATED TIME =====
Test get file created time in test case 0: True
Test get file created time in test case 1: False
===== TEST GET FILE CREATED TIME =====
Test get file created time in test case 0: True
Test get file created time in test case 1: False
^CINFO: Shutting down
INFO: Waiting for application shutdown.
INFO: ASGI 'lifespan' protocol appears unsupported.
INFO: Application shutdown complete.
INFO: Finished server process [100125]
(.venv) hangbich@leo:~/KC4.0_Translation_Tools/backends
```

3. TEST GET TO BE DELETED FILE PATH

```
main.py - KC4.0_Translation_Tools - Visual Studio Code

backgend > src > tests > background_tasks > delete_invalid_file > main.py > ...
27 # print(return_created_file_time)
28 print(f'Test_get_file_created_time in test case {i}: ', item['time']==return_created_file_time)
29
30
31
32
33
34 def test_get_to_be_deleted_file_path():
35     print("===== TEST GET TO BE DELETED FILE PATH =====")
36     print(get_to_be_deleted_file_path([[]] == ([], [], [])))
37     print(get_to_be_deleted_file_path(["filepath1.txt"]) == ([{"task_result/filepath1.txt"}, {"file translation/filepath1"}, {"file language detection/filepath1"}, {"file translation/doc/file"}, {"file language detection/a"}]))
38     print(get_to_be_deleted_file_path(["a"]) == ([{"task_result/a"}, {"file translation/a"}, {"file language detection/a"}]))
39     print(get_to_be_deleted_file_path(["usr/bin/go_what.txt"]) == ([{"task_result/usr/bin/go_what.txt"}, {"file translation/what"}, {"file language detection/what"}]))
40
41
42 # async def test_main():
43 #     print('===== REAL TEST MAIN =====')
44 #     try:
45 #         await main()
46 #     except Exception as e:
47 #         print("CRASH!")
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4. TEST MAIN

```
main.py - KC4.0_Translation_Tools - Visual Studio Code

backgend > src > tests > background_tasks > delete_invalid_file > main.py > ...
36 # print("Test_get_to_be_deleted_file_path test case 2: ", get_to_be_deleted_file_path(["doc/file.txt"], "/usr/bin/go"]) == ([{"task_result/file.txt"}, {"task_result/usr/bin/go"}]))
37 # print("Test_get_to_be_deleted_file_path test case 3: ", get_to_be_deleted_file_path(["a"]) == ([{"task_result/a"}, {"file translation/a"}, {"file language detection/a"}]))
38 # print("Test_get_to_be_deleted_file_path test case 4: ", get_to_be_deleted_file_path(["usr/bin/go_what.txt"]) == ([{"task_result/usr/bin/go_what.txt"}, {"file translation/what"}, {"file language detection/what"}]))
39
40
41 async def test_main():
42     print('===== REAL TEST MAIN =====')
43     try:
44         await main()
45     except Exception as e:
46         print("CRASH!")
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