

COMSE6156 - Sprint 0 Status Report

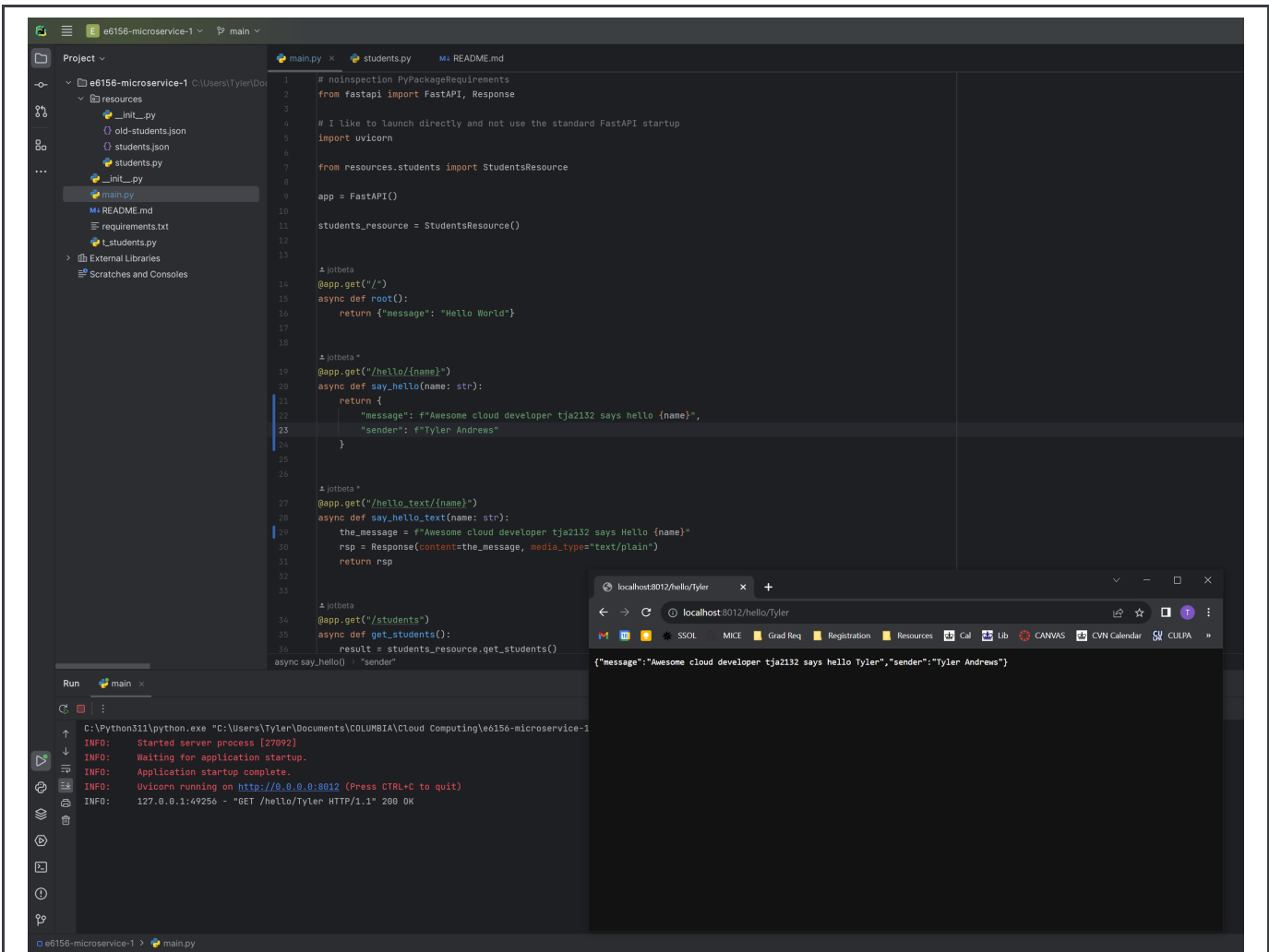
The screenshot displays a Visual Studio Code editor with a project named 'e6156-microservice-1'. The project structure includes a 'resources' folder with 'old-students.json', 'students.json', and 'students.py', and a 'main.py' file. The 'main.py' file contains the following code:

```
1 # noinspection PyPackageRequirements
2 from fastapi import FastAPI, Response
3
4 # I like to launch directly and not use the standard FastAPI startup
5 import uvicorn
6
7 from resources.students import StudentsResource
8
9 app = FastAPI()
10
11 students_resource = StudentsResource()
12
13
14 @jotbeta
15 @app.get("/")
16 async def root():
17     return {"message": "Hello World"}
18
19
20 @jotbeta *
21 @app.get("/hello/{name}")
22 async def say_hello(name: str):
23     return {
24         "message": f"Awsome cloud developer tja2132 says hello {name}",
25         "sender": f"Tyler Andrews"
26     }
27
28
29 @jotbeta *
30 @app.get("/hello_text/{name}")
31 async def say_hello_text(name: str):
32     the_message = f"Awsome cloud developer tja2132 says Hello {name}"
33     rsp = Response(content=the_message, media_type="text/plain")
34     return rsp
35
36
37 @jotbeta
38 @app.get("/students")
39 async def get_students():
40     result = students_resource.get_students()
41     return result
```

The 'Run' console shows the following output:

```
C:\Python311\python.exe "C:\Users\Tyler\Documents\COLUMBIA\Cloud Computing\e6156-microservice-1\main.py"
INFO: Started server process [27092]
INFO: Waiting for application startup.
INFO: Application startup complete.
INFO: Uvicorn running on http://0.0.0.0:8012 (Press CTRL+C to quit)
INFO: 127.0.0.1:49256 - "GET /hello/Tyler HTTP/1.1" 200 OK
```

Cloned Project



Project Execution

localhost:8012/hello/Tyler

tja2132/e6156-microservice-tja2

github.com/tja2132/e6156-microservice-tja2132/tree/main

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tja2132 initil commit16f06404 minutes ago2 commits

.idea	initil commit	4 minutes ago
resources	initil commit	4 minutes ago
README.md	initil commit	4 minutes ago
init.py	initil commit	4 minutes ago
main.py	initil commit	4 minutes ago
requirements.txt	initil commit	4 minutes ago
t_students.py	initil commit	4 minutes ago

README.md

E6156 - Topics in SW Engineering: Cloud Computing

First Example Microservice

Author: Tyler Andrews

Local Project Execution

Setup

About

No description, website, or topics provided.

Readme

Activity

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Releases

No releases published

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Languages

Python 100.0%

Suggested Workflows

Based on your tech stack

Project on GitHub

:-----:

Service Running