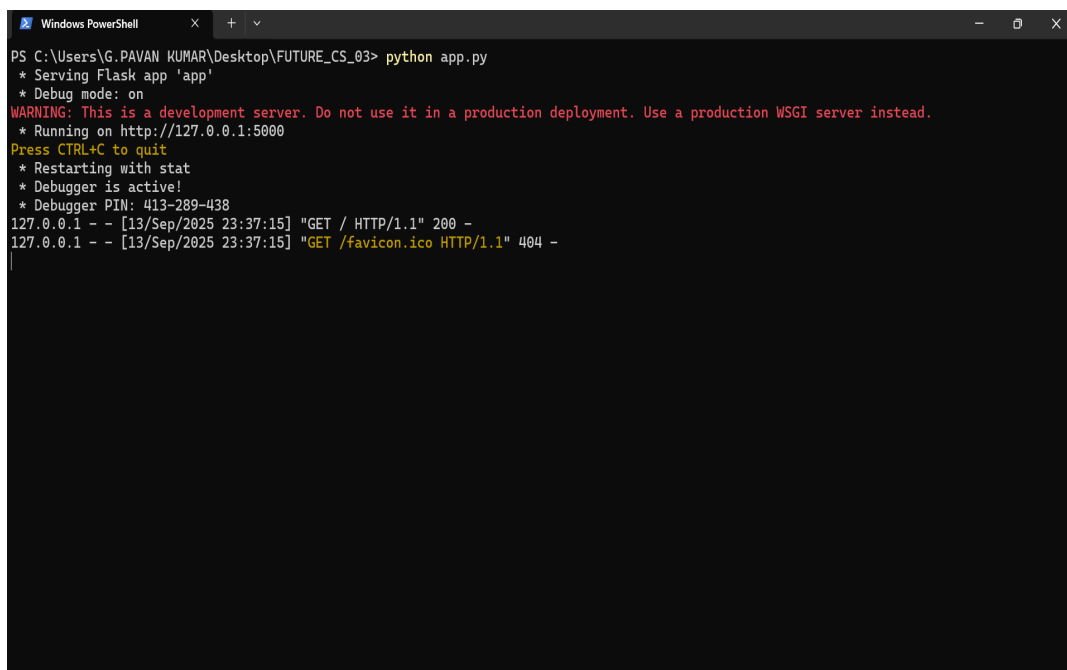# Task 3 Report – Secure File Upload & Download (Flask App)

This report documents the implementation and testing of **Task 3** from the Future Interns assignment. The task involved creating a Flask web application that allows users to securely upload, store, download, and delete files with encryption enabled.

Step 1 — Starting the Flask App

I executed **python app.py** to start the Flask development server. The app successfully started and was running on **http://127.0.0.1:5000** with the debugger active.


Step 2 — Uploading a File

I created a sample file (**sample.txt**) and uploaded it via the web interface. After clicking the *Upload* button, a success flash message confirmed encryption and storage. The file appeared in the **Available Files** table with its original name, timestamp, and size.

Step 3 — Downloading the File

I clicked *Download* for the uploaded file. Flask decrypted the file and returned the original **sample.txt** for download. I confirmed the content matched: "Hello Future Interns - Task 3 test".
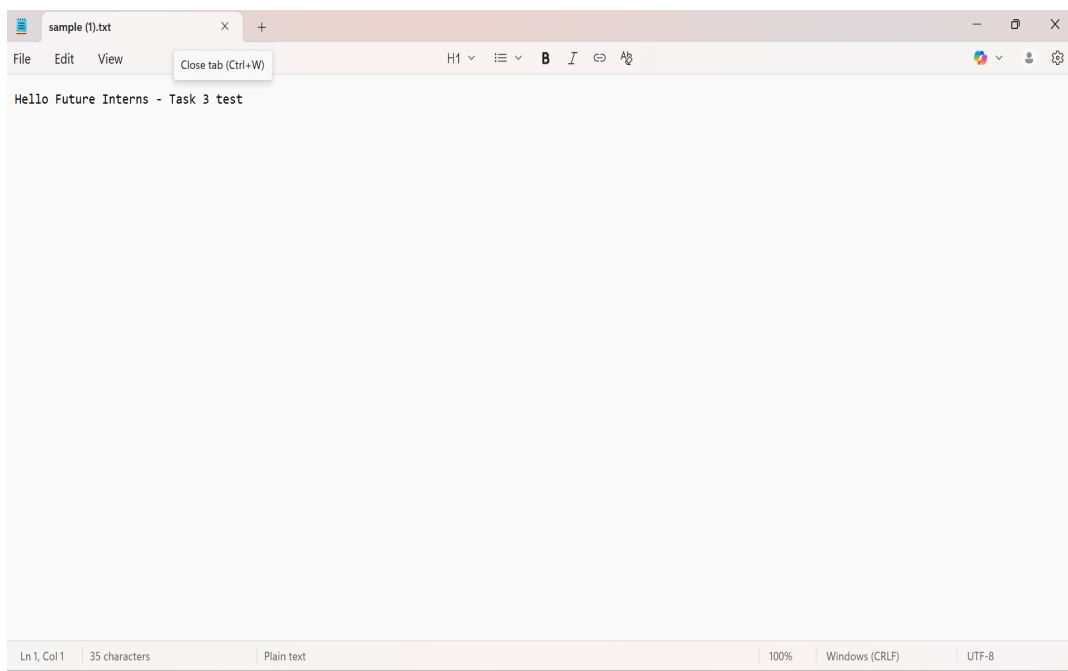
Step 4 — Deleting the File

Finally, I tested the delete functionality. Clicking *Delete* removed the file from both the server and the list. This ensured proper cleanup of uploaded files.
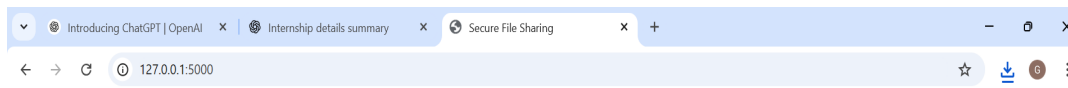
Upload File

Choose File | No file chosen   Upload

Available Files

Original Name	Uploaded At	Size (bytes)	Download	Delete

Conclusion:

The Flask application was successfully developed and tested. It allows secure file upload, encryption, download with decryption, and deletion. Task 3 has been completed successfully.