

Secure File Portal

No file chosen

Encrypted File ID:

db05f773-0f98-4a53-b216-585ac508af43

No file chosen

 Only upload encrypted (.enc) files downloaded from this portal

File Explorer

```

EXPLORER ... app.py index.html 264f54ba-ac47-47be-8fad-2cd88fd0b32d .env crypto_utils.py test.txt requirements.txt
TASKS > _pycache_ templates
    > uploads
        > index.html
        > index.html
        > uploads
        > .env
        > app.py
        > crypto_utils.py
        > recovered.txt
        > requirements.txt
        > test.txt
> OUTLINE > TIMELINE

```

```

index.html
1 <!DOCTYPE html> ...
2 <html>
3     <head>
4         <title>Secure File Portal</title>
5         <style>
6             body {
7                 font-family: Arial;
8                 background: #e5e7eb;
9                 color: #e5e7eb;
10                display: flex;
11                justify-content: center;
12                align-items: center;
13                height: 100vh;
14            }
15            .box {
16                background: #111827;
17                padding: 30px;
18                border-radius: 10px;
19                width: 420px;
20            }
21            h2 {
22                text-align: center;
23            }
24            input, button {
25                width: 100px;
26                margin-top: 10px;
27                padding: 10px;
28            }
29            button {
30                border: none;
31                font-weight: bold;
32                cursor: pointer;
33            }
34            .encrypt {
35                background: #22c5se;
36            }
37            .download {
38                background: #3b82f6;
39            }
40            .error {
41                color: #f87171;

```

```

app.py ...
1 <import os
2 <import uuid
3 <import io
4
5     from flask import Flask, request, send_file, abort, render_template
6     from dotenv import load_dotenv
7     from crypto_utils import encrypt_file, decrypt_file
8
9     # *****
10    # Load AES key
11    # *****
12    load_dotenv()
13
14    AES_SECRET = os.getenv("AES_SECRET")
15    if not AES_SECRET:
16        raise ValueError("AES_SECRET not set")
17
18    AES_KEY = AES_SECRET.encode()
19
20    # *****
21    # Paths
22    # *****
23    BASE_DIR = os.path.dirname(os.path.abspath(__file__))
24    UPLOAD_DIR = os.path.join(BASE_DIR, "uploads")
25    os.makedirs(UPLOAD_DIR, exist_ok=True)
26
27    # *****
28    # Flask app
29    # *****
30    app = Flask(__name__)
31
32    # *****
33    # Homepage
34    # *****
35    @app.route("/")
36    def index():
37        return render_template("index.html")
38
39    # *****
40    # Encrypt & Upload
41    # *****

```

PROBLEMS DEBUG CONSOLE TERMINAL PORTS

WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.

- * Running on http://127.0.0.1:5000
- Press CTRL+C to quit
- * Restarting with stat
- * Debugger is active!
- * Debugger PID: 782-746-578

+ - | x

powershell