Framework - Any Python Framework
Database - SQL / NoSQL Database
Test Cases - Extra point for writing test cases

You need to create a secure file-sharing system between two different types of users. You need to create REST API's for the following action.

User 1: Operation User
Action which could be done by an Ops User
1. Sign Up (Return an encrypted URL)
2. Email Verify (Verification Email will be sent to user on the registered email)
3. Login
4. Logout
5. Upload File*
6. List all uploaded files

* User is allowed to only upload pptx,docx and xlsx

User 2: Client User
Action which could be done by a Client User
7. Sign Up (Return an encrypted URL)
8. Email Verify (Verification Email will be sent to user on the registered email)
9. Login
10. Logout
11. Download File
12. List all uploaded files

* User is allowed to only upload pptx,docx and xlsx

Important Information
You need to make sure when a person hits download API a secure encrypted URL is sent in response. This is URL can be accessed only by a client user. If any other user tries to access it the URL access would be denied to that user.

Example -
Client User Hits API- /download-file/{{Assignment ID}}
Response - {
            "download-link" : "..../download-file/moiasnciaduasnduoadosnoadaosid",
            "message" : "success"
        }

Please provide a perspective on how do you suppose to deploy this to production.
Brownie points If the deployment solution is done using containers.

Once the task is completed please share the git repository link with a postman dump.