Test for Back-End Intern

Instructions

1. Attempting all the questions is not mandatory.
2. **Partially complete solutions are welcome**. We want to see your approach and understanding, not the final solution.
3. Once the task is completed, please **share the git repository link with Postman dump**.

Test

Framework - Any Python Framework

Database - SQL / NoSQL Database

Create a secure file-sharing system between two different types of users. For implementation -

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. Login
> 2. Upload File*

* Only Ops User is allowed to upload pptx,docx and xlsx *
Upload file must be only of pptx,docx, and xlsx type

User 2: Client User

Action which could be done by a Client User

3. Sign Up (Return an encrypted URL)
3. Email Verify (Verification Email will be sent to the user on the registered email)
3. Login
3. Download File
3. List all uploaded files

Important Information

- You need to make sure when a person hits download API a secure encrypted URL is sent in response through which the file can be downloaded.
- This 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-fle/{{Assignment ID}}
Response - {

        "download-link" :

    "..../download-fle/moiasnciaduasnduoadosnoadaosid",

        "message" : "success"

     }

Extra Points

1. Write Test Cases for the above.
2. How do you plan on deploying this to the production environment?