**Task: Implementing JWT Authentication in Your OOP Python Project**

**Objective:** Enhance the security of your existing OOP Python project by integrating JSON Web Token (JWT) authentication.

**Instructions:**

1. **JWT Authentication:**
   * Implement JWT-based authentication to secure endpoints within your project.
   * Create functionality to generate and validate JWTs for user authentication.
   * Ensure that JWTs are used to protect sensitive routes and resources in your project.
   * Implement token expiration and renewal mechanisms as necessary.
2. **Documentation:**
   * Provide clear and comprehensive documentation on how JWT authentication is integrated into your project.
   * Include explanations on generating tokens, validating them, and handling authentication failures.
   * Document any configuration settings or environment variables related to JWT.

**Requirements:**

* Integrate JWT authentication for secure access control within your project.
* Ensure your JWT implementation adheres to security best practices.
* Test the authentication thoroughly to verify that tokens are correctly issued and validated.
* Keep the code clean, well-organized, and follow best practices for secure authentication.

**Submit** [**here**](https://drive.google.com/drive/folders/1wlPCuPZEIE3uQMhfNU5JoGR_eg9YPQON?usp=drive_link)