

Project Review Summary

Overall, the project demonstrates strong aspects in test coverage, documentation, logging, and data validation. However, improvements are needed in code modularity, fault tolerance, and distributed security to enhance reliability and security.

Sections and Comments

Section	Comments
Code Quality	The aspect of code quality needs a little bit of extra touch and enhancements, especially with regard to control statements and code modularity.
Test Coverage	Did an excellent job with the test cases by covering a wide range of test cases and unhappy paths.
Distributed Security	Token relay was successfully implemented, but forwarding user details headers is not secure, especially when headers are spoofed. The API gateway becomes a single point of failure in terms of security, thereby eroding zero trust.
Documentation	Clear and comprehensive documentation was provided.
Fault Tolerance	The project regrettably failed in terms of fault tolerance as there was no implementation as such.
Logging and Observability	Good use of logging was observed where certain methods log metadata when called.
Data Validation	The project makes extensive use of data validation to ensure proper user input validation to mitigate security risks and unwarranted breakdown of the system.