# DAY 06 DEPLOYMENT PREPARATION & STAGING ENVIRONMENT SETUP
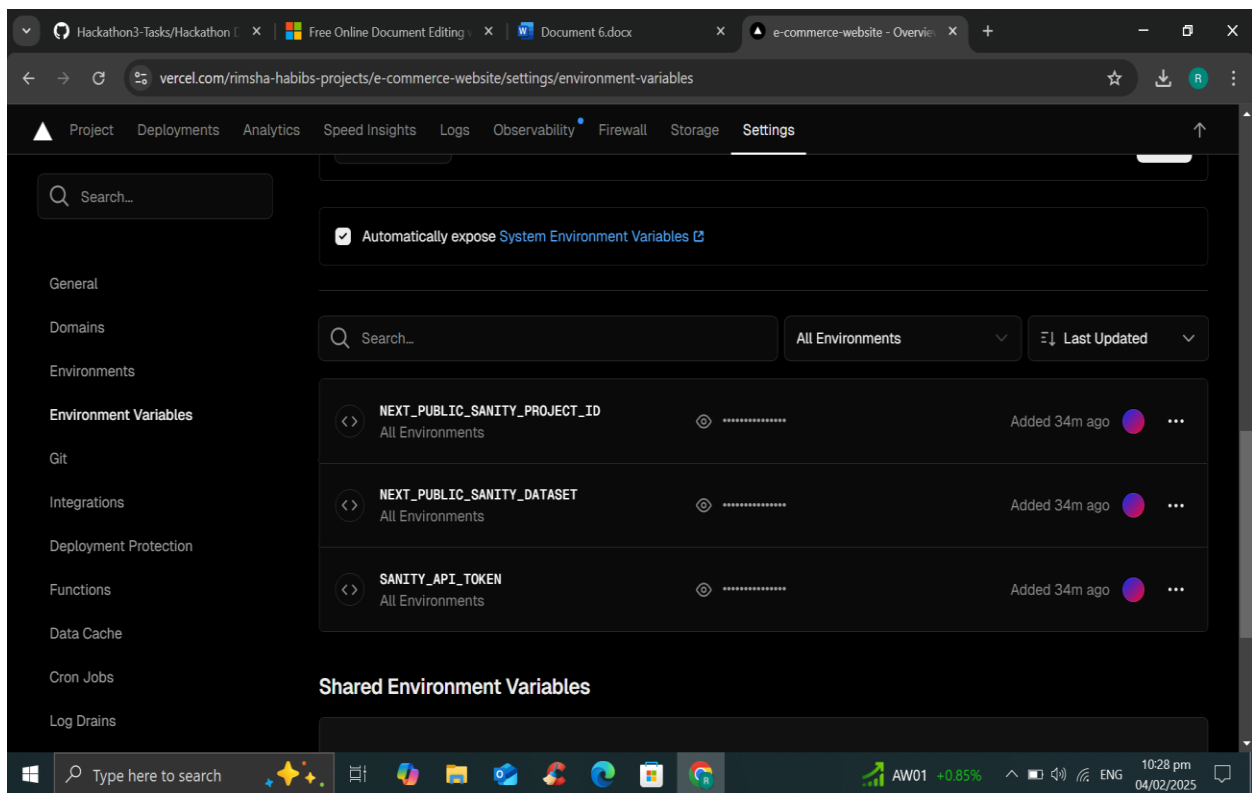
## 1.DEPLOYMENT STRAGING PLANING

I choose a platform for deploying (vercel)

## 2.ENVIRONMENT VAROABLE CONFIGURATION

Secure API keys ,database credentials and sensitive data using .enc.files.

Configuration environment variable in the hosting platform for secure deployment.

## 3.STAGING ENVIRONMENT TESTING

## 1.TESTING TYPES:

### *Common Areas for Staging Testing:*

- **Functionality Testing**: Ensuring all features work as expected.
- **Performance Testing**: Checking how the system handles load, concurrency, or stress.
- **Integration Testing**: Verifying that different modules or services are working together smoothly.
- **User Acceptance Testing (UAT)**: Making sure that the end-users' needs are met and the system behaves the way they expect.
- **Security Testing**: Checking for vulnerabilities, permissions, and data protection.